
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): **September 8, 2023**

ALTISOURCE PORTFOLIO SOLUTIONS S.A.

(Exact name of Registrant as specified in its Charter)

Luxembourg
(State or other jurisdiction of incorporation)

001-34354
(Commission File Number)

98-0554932
(I.R.S. Employer Identification No.)

**33, Boulevard Prince Henri
L-1724 Luxembourg
Grand Duchy of Luxembourg**
(Address of principal executive offices including zip code)

+352 2060 2055
(Registrant's telephone number, including area code)

NOT APPLICABLE
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock, \$1.00 par value	ASPS	NASDAQ Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01 Entry into a Material Definitive Agreement.

On September 7, 2023, Altisource Portfolio Solutions S.A. (the “Company”) entered into an underwriting agreement (the “Underwriting Agreement”) with B. Riley Securities, Inc (the “Representative”), as sole book-running manager and representative of the underwriters named therein (the “Underwriters”), relating to an underwritten public offering (the “Offering”) of 4,861,111 shares of the Company’s common stock (“Common Stock”). The public offering price is \$3.60 per share of Common Stock, and the Underwriters have agreed to purchase the Common Stock pursuant to the Underwriting Agreement at a price of \$3.384 per share. Under the terms of the Underwriting Agreement, the Company also granted to the Underwriters an option, exercisable in whole or in part at any time for a period of 30 days from the date of the Underwriting Agreement, to purchase up to an additional 729,166 shares of Common Stock.

The Offering is being made pursuant to the Company’s registration statement on Form S-3 (File No. 333-268761), previously filed with the Securities and Exchange Commission (The “SEC”) on December 12, 2022 and declared effective on January 4, 2023, a base prospectus dated January 4, 2023 and a prospectus supplement dated September 7, 2023.

The legal opinion, including the related consent, of NautaDutilh Avocats Luxembourg S.à r.l. relating to the issuance and sale of the shares of Common Stock to be issued in the Offering is filed as Exhibit 5.1 hereto.

Net proceeds from the Offering are expected to be approximately \$15.8 million (excluding any sale of shares of Common Stock pursuant to the over-allotment option granted to the Underwriters), after deducting underwriting discounts and commissions and estimated Offering expenses payable by the Company. The purchase and sale of the Common Stock, and the closing of the Offering, is expected to take place on or about September 12, 2023, subject to the satisfaction of customary closing conditions.

The Underwriting Agreement contains customary representations, warranties and covenants made by the Company. It also provides for customary indemnification by each of the Company and the Underwriters, severally and not jointly, for losses or damages arising out of or in connection with the Offering, including for liabilities under the Securities Act of 1933, as amended, other obligations of the parties and termination provisions. In addition, pursuant to the terms of the Underwriting Agreement, each of the Company’s directors and executive officers have entered into “lock-up” agreements with the Underwriters that generally prohibit, without the prior written consent of the Representatives, the sale, transfer or other disposition of securities of the Company until December 7, 2023.

The foregoing description of the Underwriting Agreement does not purport to be complete and is qualified in its entirety by reference to the copy of the Underwriting Agreement, which is filed as Exhibit 1.1 to this Current Report on Form 8-K.

The representations, warranties and covenants contained in the Underwriting Agreement were made only for purposes of such agreement and as of specific dates, were solely for the benefit of the parties to the Underwriting Agreement, and may be subject to limitations agreed upon by the contracting parties. Accordingly, the Underwriting Agreement is incorporated herein by reference only to provide investors with information regarding the terms of the Underwriting Agreement, and not to provide investors with any other factual information regarding the Company or its business, and should be read in conjunction with the disclosures in the Company’s periodic reports and other filings with the SEC.

Item 8.01 Other Events.

On September 8, 2023, the Company issued a press release announcing the pricing of the Offering. A copy of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Forward-Looking Statements

This Current Report on Form 8-K contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements include all statements that are not historical fact, including statements that relate to, among other things, future events or our future performance or financial condition. These statements may be identified by words such as “anticipate,” “intend,” “expect,” “may,” “could,” “should,” “would,” “plan,” “estimate,” “seek,” “believe,” “potential” or “continue” or the negative of these terms and comparable terminology. Such statements are based on expectations as to the future and are not statements of historical fact. Furthermore, forward-looking statements are not guarantees of future performance and involve a number of assumptions, risks and uncertainties that could cause actual results to differ materially. Important factors that could cause actual results to differ materially from those suggested by the forward-looking statements include, but are not limited to, the risks discussed in Item 1A of Part I “Risk Factors” in our Form 10-K filing with the Securities and Exchange Commission, as the same may be updated from time to time in our Form 10-Q filings. We caution you not to place undue reliance on these forward-looking statements which reflect our view only as of the date of this report. We are under no obligation (and expressly disclaim any obligation) to update or alter any forward-looking statements contained herein to reflect any change in our expectations with regard thereto or change in events, conditions or circumstances on which

any such statement is based. The risks and uncertainties to which forward-looking statements are subject include, but are not limited to, risks related to the COVID-19 pandemic, customer concentration, the timing of the anticipated increase in default related referrals following the expiration of foreclosure and eviction moratoriums and forbearance programs, the timing of the expiration of such moratoriums and programs, and any other delays occasioned by government, investor or servicer actions, the use and success of our products and services, our ability to retain existing customers and attract new customers and the potential for expansion or changes in our customer relationships, technology disruptions, our compliance with applicable data requirements, our use of third party vendors and contractors, our ability to effectively manage potential conflicts of interest, macro-economic and industry specific conditions, our ability to effectively manage our regulatory and contractual obligations, the adequacy of our financial resources, including our sources of liquidity and ability to repay borrowings and comply with our credit agreements, including the financial and other covenants contained therein, as well as Altisource's ability to retain key executives or employees, behavior of customers, suppliers and/or competitors, technological developments, governmental regulations, taxes and policies. The forward-looking statements should not be unduly relied upon. Nothing in this presentation and our other SEC filings should be regarded as a representation by any person that these statements will be achieved, and the Company undertakes no obligation to update these statements as a result of a change in circumstances, new information or future events.

For additional information about factors that could cause actual results to differ materially from those described in the forward-looking statements, please refer to the Company's filings with the Securities and Exchange Commission, including the risk factors contained in the Company's Annual Report on Form 10-K for the year ended December 31, 2022, the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2023 and the Registration Statement on Form S-3 (File No. 333-268761).

Disclaimer

This communication does not constitute an offer to sell or buy, nor the solicitation of an offer to sell or buy, any securities.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
Exhibit 1.1	Underwriting Agreement, dated as of September 7, 2023, by and among Altisource Portfolio Solutions S.A. and B. Riley Securities, Inc., as representative of the underwriters named therein
Exhibit 5.1	Opinion of NautaDutilh Avocats Luxembourg S.à r.l.
Exhibit 23.1	Consent of NautaDutilh Avocats Luxembourg S.à r.l. (included in Exhibit 5.1)
Exhibit 99.1	Press release issued by Altisource Portfolio Solutions S.A. dated September 8, 2023
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 8, 2023

Altisource Portfolio Solutions S.A.

By: /s/ Michelle D. Esterman
Name: Michelle D. Esterman
Title: Chief Financial Officer

4,861,111 Shares of Common Stock

ALTISOURCE PORTFOLIO SOLUTIONS S.A.

UNDERWRITING AGREEMENT

September 7, 2023

B. Riley Securities, Inc.
As Representative of the
several Underwriters named in
Schedule I attached hereto
299 Park Avenue, 21st Floor
New York, New York 10171

Ladies and Gentlemen:

Altisource Portfolio Solutions S.A., a Luxembourg société anonyme, or public limited liability company organized under the laws of the Grand Duchy of Luxembourg (the “**Company**”), proposes, subject to the terms and conditions stated herein, to issue and sell to the several underwriters named in Schedule I hereto (the “**Underwriters**”) an aggregate of 4,861,111 shares of its common stock (the “**Firm Shares**”), par value \$1.00 per share (the “**Common Stock**”). In addition, the Company has granted to the Underwriters an option to purchase up to an additional 729,166 shares of Common Stock (the “**Additional Shares**”) as provided in Section 2(c) below. The Firm Shares and any Additional Shares purchased by the Underwriters are referred to herein as the “**Shares**.” B. Riley Securities, Inc. is acting as representative (the “**Representative**”) of the several Underwriters in connection with the offering and sale of the Shares contemplated herein (the “**Offering**”). To the extent there are no additional underwriters listed on Schedule I, the term “Representative” as used herein shall mean you, as Underwriter, and the term “Underwriters” shall mean either the singular or the plural, as the context requires.

As used in this underwriting agreement (the “**Agreement**”), the following defined terms shall apply:

The “**Registration Statement**” means the registration statement on Form S-3 (File No. 333-268761), including the exhibits, schedules and financial statements and any prospectus supplement relating to the Offering that is filed with the Securities and Exchange Commission (the “**Commission**”) pursuant to Rule 424(b) under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder (the “**Securities Act**”) and deemed part of such registration statement, including all documents incorporated or deemed to be incorporated by reference therein and any information deemed to be a part thereof at the time of effectiveness pursuant to Rule 430B under the Securities Act, as amended on each Effective Date (as defined below), and, in the event any post-effective amendment thereto or any

registration statement and any amendments thereto filed pursuant to Rule 462(b) under the Securities Act (a “**Rule 462(b) Registration Statement**”) becomes effective prior to the Closing Date (as defined in Section 2(b) hereof), shall also mean such registration statement as so amended or such Rule 462(b) Registration Statement, as the case may be.

The “**Effective Date**” means, with respect to the Registration Statement, each date and time that such Registration Statement, and any post-effective amendment or amendments thereto or any Rule 462(b) Registration Statement became or becomes effective.

The “**Base Prospectus**” means the base prospectus contained in the Registration Statement at the date and time that this Agreement is executed and delivered by the parties hereto (the “**Execution Time**”).

The “**Preliminary Prospectus**” means any preliminary prospectus supplement to the Base Prospectus which is used prior to the filing of the Prospectus (as defined below), together with the Base Prospectus.

The “**Prospectus**” means the final prospectus supplement relating to the Offering that is first filed pursuant to Rule 424(b) under the Securities Act after the Execution Time, together with the Base Prospectus.

The “**Pricing Disclosure Package**” shall mean (i) the Base Prospectus, (ii) the Preliminary Prospectus used most recently prior to the Applicable Time (as defined below), (iii) any issuer free writing prospectus, as defined in Rule 433 under the Securities Act (an “**Issuer Free Writing Prospectus**”), identified in Schedule II hereto, (iv) the information included on Schedule III hereto, and (v) any other free writing prospectus, as defined in Rule 405 under the Securities Act (a “**Free Writing Prospectus**”), that the parties hereto shall hereafter expressly agree in writing to treat as part of the Pricing Disclosure Package.

As used herein, “**Applicable Time**” is 6:45 p.m. (New York City time) on September 7, 2023. As used herein, “**Road Show**” means a “road show” (as defined in Rule 433 under the Securities Act) relating to the offering of the Shares contemplated hereby that is a “written communication” (as defined in Rule 405 under the Securities Act). All references in this Agreement to the Registration Statement, any Preliminary Prospectus, the Base Prospectus and the Prospectus shall include the documents incorporated or deemed to be incorporated by reference therein. All references in this Agreement to financial statements and schedules and other information that are “**contained in**,” “**included in**,” “**filed with**,” “**stated in**” or “**part of**” the Registration Statement, the Rule 462(b) Registration Statement, any Preliminary Prospectus, the Pricing Disclosure Package or the Prospectus, and all other references of like import, shall be deemed to mean and include all such financial statements and schedules and other information that is or is deemed to be incorporated by reference in the Registration Statement, the Rule 462(b) Registration Statement, any Preliminary Prospectus, the Base Prospectus, the Pricing Disclosure Package or the Prospectus, as the case may be.

All references in this Agreement to amendments or supplements to the Registration Statement, the Rule 462(b) Registration Statement, any Preliminary Prospectus,

the Pricing Disclosure Package or the Prospectus shall be deemed to mean and include the filing of any document under the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder (collectively, the “**Exchange Act**”) that is or is deemed to be incorporated by reference in the Registration Statement, the Rule 462(b) Registration Statement, any Preliminary Prospectus, the Pricing Disclosure Package, or the Prospectus, as the case may be. All references in this Agreement to the Registration Statement, any Preliminary Prospectus, the Base Prospectus or the Prospectus, any amendments or supplements to any of the foregoing, or any free writing prospectus, shall include any copy thereof filed with the Commission pursuant to its Electronic Data Gathering, Analysis and Retrieval System (“**EDGAR**”).

1. Representations and Warranties of the Company. The Company represents and warrants to, and agrees with, each of the Underwriters as of the date hereof, the Applicable Time, the Closing Date (as hereinafter defined) and any Additional Closing Date (as hereinafter defined) that:

(a) The Registration Statement has been declared effective by the Commission under the Securities Act. The Company has complied, to the Commission’s satisfaction, with all requests of the Commission for additional or supplemental information, if any. No stop order suspending the effectiveness of the Registration Statement is in effect and no proceedings for such purpose or pursuant to Section 8A of the Securities Act have been instituted or are pending or, to the Company’s knowledge, are contemplated or threatened by the Commission. The Registration Statement and the offer and sale of Shares as contemplated hereby meet the requirements of Rule 415 under the Securities Act and comply in all material respects with said Rule. The documents incorporated or deemed to be incorporated by reference in the Registration Statement at the time they were or hereafter are filed with the Commission, or became effective under the Exchange Act, as the case may be, complied and will comply in all material respects with the requirements of the Exchange Act, and none of such documents contained any untrue statement of a material fact or omitted or will omit to state a material fact necessary to make the statements therein not misleading.

The Company is not an “ineligible issuer” (as such term is defined in Rule 405 under the Securities Act) as of the eligibility determination date for purposes of Rules 164 and 433 under the Securities Act with respect to the Offering of the Shares.

(b) The Registration Statement, any Rule 462(b) Registration Statement and any post-effective amendment thereto, as of the applicable Effective Date, complied and, until such time as the Underwriters are no longer required to deliver a Prospectus in order to confirm sales of the Shares, will comply in all material respects with the Securities Act and the rules and regulations of the Commission thereunder (the “**Rules and Regulations**”). The Preliminary Prospectus and the Prospectus, at the time each was filed with the Commission, complied in all material respects with the requirements of the Securities Act and the Rules and Regulations. Each Preliminary Prospectus delivered to the Underwriters for use in connection with this Offering and the Prospectus was or will be identical to the electronically transmitted copies thereof filed with the Commission pursuant to EDGAR, except to the extent permitted by Regulation S-T.

(c) The Registration Statement, when it became effective, did not contain and, as amended or supplemented, if applicable, will not contain, as of the date of such amendment or supplement, an untrue statement of a material fact or omitted or will omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; provided, however, that this representation and warranty shall not apply to any information contained in or omitted from the Registration Statement or any amendment thereto in reliance upon and in conformity with information furnished in writing to the Company by or on behalf of any Underwriter through the Representative specifically for use therein. The parties hereto agree that such information provided by or on behalf of any Underwriter through the Representative consists solely of the material referred to in Section 18 hereof. Each “forward-looking statement” (within the meaning of Section 27A of the Securities Act or Section 21E of the Exchange Act) contained or incorporated by reference in the Registration Statement, the Preliminary Prospectus or the Prospectus has been made or reaffirmed with a reasonable basis and has been disclosed in good faith.

(d) The Pricing Disclosure Package, as of the Applicable Time, did not contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Prospectus will not, as of its date, as of the Closing Date or as of any Additional Closing Date, contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. Each Issuer Free Writing Prospectus complies in all material respects with the applicable provisions of the Securities Act and the Rules and Regulations, and does not conflict with the information contained in the Registration Statement, the Pricing Disclosure Package or the Prospectus. No representation and warranty is made in this Section 1(d) with respect to any information contained in or omitted from the Pricing Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus in reliance upon and in conformity with information furnished in writing to the Company by or on behalf of any Underwriter through the Representative specifically for use therein. The parties hereto agree that such information provided by or on behalf of any Underwriter through the Representative consists solely of the material referred to in Section 18 hereof.

(e) Each Issuer Free Writing Prospectus conformed or will conform in all material respects to the requirements of the Securities Act and the Rules and Regulations on the date of first use, and the Company has complied with the requirements of Rule 433 under the Securities Act with respect to each Issuer Free Writing Prospectus including, without limitation, all prospectus delivery, filing, record retention and legending requirements applicable to any such Issuer Free Writing Prospectus. The Company has not (i) distributed any offering material in connection with the Offering other than any Preliminary Prospectus, the Prospectus, and any Issuer Free Writing Prospectus set forth on Schedule II hereto (other than a road show that is an Issuer Free Writing Prospectus but is not required to be filed under Rule 433 under the Securities Act), or (ii) filed, referred to, approved, used or authorized the use of any “free writing prospectus” as defined in Rule 405 under the Securities Act with respect to the Offering or the Shares, except for any Issuer Free Writing Prospectus set forth in Schedule II hereto and any electronic road show previously approved by the Representative. The Company has retained in accordance with the Securities Act and the Rules and Regulations all Issuer Free Writing

Prospectuses that were not required to be filed pursuant to the Securities Act and the Rules and Regulations.

(f) At the time the Registration Statement and any Rule 462(b) Registration Statement was or will be filed with the Commission, at the time the Registration Statement and any Rule 462(b) Registration Statement was or will be declared effective by the Commission, and as of the Closing Date or any Additional Closing Date, the Company met or will meet the then applicable requirements for the use of Form S-3 under the Securities Act, including, but not limited to, General Instruction I.B.1. of Form S-3, if and for so long as applicable. The Company is not a shell company (as defined in Rule 405 under the Securities Act) and has not been a shell company for at least 12 calendar months previously.

(g) As of the filing of the Registration Statement with the Commission and the date hereof, the Company has been and is a “smaller reporting company” (as such term is defined in Item 10(f)(1) of Regulation S-K of the Securities Act) and was an “accelerated filer” (as such term is defined in Rule 12b-2 of the Exchange Act).

(h) The financial statements (including the related notes thereto) of the Company and its consolidated subsidiaries included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus comply in all material respects with the applicable requirements of the Securities Act and the Exchange Act, as applicable and present fairly the financial position of the Company and its consolidated subsidiaries as of the dates indicated and the results of their operations and the changes in their cash flows for the periods specified; such financial statements have been prepared in conformity with generally accepted accounting principles (“GAAP”) in the United States applied on a consistent basis throughout the periods covered thereby, and any supporting schedules included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus present fairly the information required to be stated therein; and the other financial information included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus has been derived from the accounting records of the Company and its consolidated subsidiaries and presents fairly the information shown thereby; all disclosures included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus regarding “non-GAAP financial measures” (as such term is defined by the rules and regulations of the Commission) comply with Regulation G of the Exchange Act and Item 10 of Regulation S-K of the Securities Act, to the extent applicable; and the Company's reportable segment financial information included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus have been prepared in accordance with the applicable requirements of the Securities Act, the Exchange Act and the Financial Accounting Standards Board's Accounting Standards Codifications.

(i) Except as preapproved in accordance with the requirements set forth in Section 10A of the Exchange Act, the accounting firm that certified the financial statements and supporting schedules of the Company has not been engaged by the Company to perform any “prohibited activities” (as defined in Section 10A of the Exchange Act).

(j) There are no material off-balance sheet arrangements (as defined in Item 303 of Regulation S-K) that have or are reasonably likely to have a material current or future effect on

the Company's financial condition, results of operations, liquidity, capital expenditures or capital resources.

(k) This Agreement has been duly authorized, executed and delivered by the Company, and constitutes a valid, legal, and binding obligation of the Company, enforceable against the Company in accordance with its terms, except as rights to indemnity hereunder may be limited by federal or state securities laws and except as such enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting the rights of creditors generally, and subject to general principles of equity. The Company has full corporate power and authority to enter into this Agreement and to authorize, issue and sell the Shares as contemplated by this Agreement. This Agreement conforms in all material respects to the descriptions thereof in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(l) Since the date of the most recent financial statements of the Company included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, (i) there has not been any change in the capital stock (other than the issuance of shares of Common Stock upon exercise of stock options and warrants described as outstanding in, and the grant of options and awards under existing equity incentive plans described in, the Registration Statement, the Pricing Disclosure Package and the Prospectus), short-term debt or long-term debt of the Company or any of its subsidiaries, or any dividend or distribution of any kind declared, set aside for payment, paid or made by the Company on any class of capital stock, or any material adverse change, or any development involving a prospective material adverse change, in or affecting the business, properties, management, financial position, stockholders' equity, results of operations or prospects of the Company and its subsidiaries taken as a whole; (ii) neither the Company nor any of its subsidiaries has entered into any transaction or agreement (whether or not in the ordinary course of business) that is material to the Company and its subsidiaries taken as a whole or incurred any liability or obligation, direct or contingent, that is material to the Company and its subsidiaries taken as a whole; and (iii) neither the Company nor any of its subsidiaries has sustained any loss or interference with its business that is material to the Company and its subsidiaries taken as a whole and that is either from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor disturbance or dispute or any action, order or decree of any court or arbitrator or governmental or regulatory authority, except in each case as otherwise disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(m) The Company and each of its subsidiaries have been duly organized or formed, as applicable, and are validly existing and in good standing (where such concept is recognized under the laws of the jurisdiction in which they are organized and formed) under the laws of their respective jurisdictions of organization, are duly qualified to do business and are in good standing in each jurisdiction in which their respective ownership or lease of property or the conduct of their respective businesses requires such qualification, and have all power and authority necessary to own or hold their respective properties and to conduct the businesses in which they are engaged, except where the failure to be so qualified or in good standing or have such power or authority would not, individually or in the aggregate, have a material adverse effect on the business, condition (financial or otherwise), properties, management, stockholders' equity, results of operations or prospects of the Company and its subsidiaries taken as a whole or on the performance by the Company of its obligations under this Agreement (a "**Material**

Adverse Effect”). The subsidiaries listed in Exhibit A to this Agreement are the only subsidiaries of the Company.

(n) The Company has an authorized capitalization as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus under the heading “Description of Capital Stock”; all the outstanding shares of capital stock of the Company have been duly and validly authorized and issued and are fully paid and non-assessable and are not subject to any pre-emptive or similar rights; except as described in or expressly contemplated by the Registration Statement, the Pricing Disclosure Package and the Prospectus, there are no outstanding rights (including, without limitation, pre-emptive rights), warrants or options to acquire, or instruments convertible into or exchangeable for, any shares of capital stock or other equity interest in the Company or any of its subsidiaries, or any contract, commitment, agreement, understanding or arrangement of any kind relating to the issuance of any capital stock of the Company or any such subsidiary, any such convertible or exchangeable securities or any such rights, warrants or options; the capital stock of the Company conforms in all material respects to the description thereof contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus; and all the outstanding shares of capital stock or other equity interests of each subsidiary owned, directly or indirectly, by the Company have been duly and validly authorized and issued, are fully paid and non-assessable and are owned directly or indirectly by the Company, free and clear of any lien, charge, encumbrance, security interest, restriction on voting or transfer or any other claim of any third party.

(o) The Shares to be purchased by the Underwriters from the Company have been duly authorized and when issued and paid for as contemplated herein will be validly issued, fully paid and non-assessable. The issuance of the Shares is not subject to the preemptive or other similar rights of any stockholder of the Company.

(p) There are no persons with registration or other similar rights to have any equity or debt securities registered for sale under the Registration Statement or included in the offering contemplated by this Agreement, except for such rights as have been duly waived. Other than as set forth in this Agreement, no person has the right to act as an underwriter or as a financial advisor to the Company in connection with the offer and sale of the Shares hereunder, whether as a result of the filing or effectiveness of the Registration Statement or the sale of the Shares as contemplated hereby or otherwise.

(q) The issuance and sale of the Shares as contemplated hereby will not cause any holder of any shares, securities convertible into or exchangeable or exercisable for shares or options, warrants or other rights to sell or purchase shares or any other securities of the Company to have any right to acquire or include any securities of the Company in this Offering.

(r) With respect to the stock options (the “**Stock Options**”) granted pursuant to the stock-based compensation plans of the Company and its subsidiaries (the “**Company Stock Plans**”), (i) each Stock Option intended to qualify as an “incentive stock option” under Section 422 of the Internal Revenue Code of 1986, as amended (the “**Code**”) so qualifies, (ii) each grant of a Stock Option was duly authorized no later than the date on which the grant of such Stock Option was by its terms to be effective by all necessary corporate action, including, as applicable, approval by the board of directors of the Company (or a duly constituted and authorized committee thereof) and any required stockholder approval by the necessary number of

votes or written consents, and the award agreement governing such grant (if any) was duly executed and delivered by each party thereto, (iii) each such grant was made materially in accordance with the terms of the Company Stock Plans, the Exchange Act and all other applicable laws and regulatory rules or requirements, including the rules of the Nasdaq Stock Market LLC (“**Nasdaq**”) and any other exchange on which Company securities are traded, and (iv) each such grant was properly accounted for in accordance with GAAP in the financial statements (including the related notes) of the Company and disclosed in the Company’s filings with the Commission in accordance with the Exchange Act and all other applicable laws. The Company has not knowingly granted, and there is no and has been no policy or practice of the Company of granting, Stock Options prior to, or otherwise coordinating the grant of Stock Options with, the release or other public announcement of material information regarding the Company or its subsidiaries or their results of operations or prospects.

(s) Neither the Company nor any of its subsidiaries is (i) in violation of its articles of incorporation or similar organizational documents; (ii) in default, and no event has occurred that, with notice or lapse of time or both, would constitute such a default, in the due performance or observance of any term, covenant or condition contained in any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company or any of its subsidiaries is a party or by which the Company or any of its subsidiaries is bound or to which any of the property or assets of the Company or any of its subsidiaries is subject; or (iii) in violation of any law, statute, rule, regulation, judgment, order, writ or decree of any arbitrator, court, governmental body, regulatory body, administrative agency or other authority, body or agency having jurisdiction over the Company or its subsidiaries or any of their respective properties, assets or operations, except, in the case of clauses (ii) and (iii) above, for any such default or violation that would not, individually or in the aggregate, have a Material Adverse Effect.

(t) The execution, delivery and performance by the Company of this Agreement, the issuance and sale of the Shares by the Company and the consummation by the Company of the transactions contemplated by this Agreement, the Registration Statement, the Pricing Disclosure Package or the Prospectus will not (i) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, result in the termination, modification or acceleration of, or result in the creation or imposition of any lien, charge or encumbrance upon any property, right or asset of the Company or any of its subsidiaries pursuant to, any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company or any of its subsidiaries is a party or by which the Company or any of its subsidiaries is bound or to which any property, right or asset of the Company or any of its subsidiaries is subject, (ii) result in any violation of the provisions of the articles of incorporation or similar organizational documents of the Company or any of its subsidiaries or (iii) result in the violation of any law, statute, rule, regulation, judgment, order, writ or decree of any arbitrator, court, governmental body, regulatory body, administrative agency or other authority, body or agency having jurisdiction over the Company or its subsidiaries or any of their respective properties, assets or operations, except, in the case of clauses (i) and (iii) above, for any such conflict, breach, violation, default, lien, charge or encumbrance that would not, individually or in the aggregate, have a Material Adverse Effect.

(u) No consent, approval, authorization, order, license, registration or qualification of or with any court or arbitrator or governmental or regulatory authority is required for the

execution, delivery and performance by the Company of this Agreement, the issuance and sale of the Shares and the consummation of the transactions contemplated by this Agreement, except for the registration of the Shares under the Securities Act and such consents, approvals, authorizations, orders and registrations or qualifications as may be required by the Financial Industry Regulatory Authority, Inc. (“**FINRA**”) and under applicable state securities laws.

(v) All of the information provided to the Underwriters or to counsel for the Underwriters by the Company, its counsel, its officers and directors and the holders of any securities (debt or equity) or options to acquire any securities of the Company in connection with the offering of the Shares is true, complete, correct and compliant in all material respects with FINRA’s rules, and any letters, filings or other supplemental information provided to FINRA pursuant to FINRA Rules or NASD Conduct Rules is true, complete, correct and compliant in all material respects.

(w) Except as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, there are no legal, governmental or regulatory investigations, actions, demands, claims, suits, arbitrations, inquiries or proceedings (“**Legal Proceedings**”) pending to which the Company or any of its subsidiaries is or may be a party or to which any property of the Company or any of its subsidiaries is or may be the subject that, individually or in the aggregate, if determined adversely to the Company or any of its subsidiaries, could reasonably be expected to have a Material Adverse Effect; no such Legal Proceedings are threatened or, to the knowledge of the Company, contemplated by any governmental or regulatory authority or threatened by others; and (i) there are no current or pending Legal Proceedings that are required under the Securities Act to be described in the Registration Statement, the Pricing Disclosure Package or the Prospectus that are not so described in the Registration Statement, the Pricing Disclosure Package and the Prospectus and (ii) there are no statutes, regulations or contracts or other documents that are required under the Securities Act to be filed as exhibits to the Registration Statement or described in the Registration Statement, the Pricing Disclosure Package or the Prospectus that are not so filed as exhibits to the Registration Statement, the Pricing Disclosure Package or described in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(x) RSM US LLP (“**RSM**”), which has certified certain financial statements of the Company and its subsidiaries, whose report with respect to the financial statements (which term as used in this Agreement includes the related notes thereto) and any supporting schedules filed with the Commission or incorporated by reference in the Registration Statement and included or incorporated by reference in the Pricing Disclosure Package and the Prospectus, is a registered independent public accounting firm as required by the Securities Act and the rules and regulations thereunder.

(y) The Company and its subsidiaries have good and marketable title in fee simple to, or have valid rights to lease or otherwise use, all items of real and personal property that are material to the respective businesses of the Company and its subsidiaries, in each case free and clear of all liens, encumbrances, claims and defects and imperfections of title except those that (i) do not materially interfere with the use made and proposed to be made of such property by the Company and its subsidiaries or (ii) could not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

(z) Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company owns or possesses the valid right to use all (i) valid and enforceable patents, patent applications, trademarks, trademark registrations, service marks, service mark registrations, Internet domain name registrations, copyrights, copyright registrations, licenses, trade secret rights (“**Intellectual Property Rights**”) and (ii) inventions, software, works of authorships, trademarks, service marks, trade names, databases, formulae, know how, Internet domain names and other intellectual property (including trade secrets and other unpatented and/or unpatentable proprietary confidential information, systems, or procedures) (collectively, “**Intellectual Property Assets**”) necessary to conduct its business as currently conducted, and as proposed to be conducted and described in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The Intellectual Property Rights and Intellectual Property Assets of the Company conform in all material respects to the descriptions thereof contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The Company has not received any notice of, nor is aware of, any infringement of or conflict with asserted rights of others with respect to any Intellectual Property Rights or Intellectual Property Assets. Further, the Company has not received any opinion from its legal counsel concluding that any activities of its business infringe, misappropriate, or otherwise violate, valid and enforceable Intellectual Property Rights of any other person, and has not received written notice of any challenge, which is to its knowledge still pending, by any other person to the rights of the Company with respect to any Intellectual Property Rights or Intellectual Property Assets owned or used by the Company. To the Company’s knowledge, the Company’s business as now conducted does not give rise to any infringement of, any misappropriation of, or other violation of, any valid and enforceable Intellectual Property Rights of any other person. All licenses for the use of the Intellectual Property Rights described in the Registration Statement, the Pricing Disclosure Package and the Prospectus are valid, binding upon, and enforceable by or against the parties thereto in accordance to its terms. The Company has complied in all material respects with, and is not in breach nor has received any asserted or threatened claim of breach of any intellectual property license, and the Company has no knowledge of any breach or anticipated breach by any other person to any intellectual property license. No material claim has been made against the Company alleging the infringement by the Company of any patent, trademark, service mark, trade name, copyright, trade secret, license in or other intellectual property right or franchise right of any person. The Company has taken all reasonable steps that are necessary to protect, maintain and safeguard its Intellectual Property Rights, including the execution of appropriate nondisclosure and confidentiality agreements. The consummation of the transactions contemplated by this Agreement will not result in the loss or impairment of or payment of any additional amounts with respect to, nor require the consent of any other person in respect of, the Company’s right to own, use, or hold for use any of the Intellectual Property Rights as owned, used or held for use in the conduct of the business as currently conducted. The Company has at all times materially complied with all applicable laws relating to privacy, data protection, and the collection and use of personal information collected, used, or held for use by the Company in the conduct of the Company’s business. No material claims have been asserted or, to the Company’s knowledge, threatened against the Company alleging a violation of any person’s privacy or personal information or data rights and the consummation of the transactions contemplated hereby will not breach or otherwise cause any violation of any law related to data privacy, data protection, or the collection and use of personal information collected, used, or held for use by the Company in the conduct of the Company’s

business. The Company takes reasonable measures to ensure that such information is protected against unauthorized access, use, modification, or other misuse. The Company has taken all necessary actions to obtain ownership of all works of authorship and inventions made by its employees, consultants and contractors during the time they were employed by or under contract with the Company and which relate to the Company's business. All founders and key employees have signed confidentiality and invention assignment agreements with the Company.

(aa) No relationship, direct or indirect, exists between or among the Company or any of its subsidiaries, on the one hand, and the directors, officers, stockholders, customers, suppliers or other affiliates of the Company or any of its subsidiaries, on the other, that is required by the Securities Act to be described in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus and that is not so described in such documents.

(bb) The Company is not and, after giving effect to the offering and sale of the Shares and the application of the proceeds thereof as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, will not be required to register as an "investment company" or an entity "controlled" by an "investment company" within the meaning of the Investment Company Act of 1940, as amended, and the rules and regulations of the Commission thereunder (collectively, the "**Investment Company Act**").

(cc) The Company and its subsidiaries have paid all federal, state, local and foreign taxes and filed all tax returns required to be paid or filed through the date hereof; and except as otherwise disclosed in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus, there is no tax deficiency that has been, or could reasonably be expected to be, asserted against the Company or any of its subsidiaries or any of their respective properties or assets except, in each case, as may be being contested in good faith and by appropriate proceedings or insofar as the failure to file such returns or pay such taxes would not result in a Material Adverse Effect.

(dd) The Company and its subsidiaries possess all licenses, sub-licenses, certificates, permits and other authorizations issued by, and have made all declarations and filings with, the appropriate federal, state, local or foreign governmental or regulatory authorities that are necessary for the ownership or lease of their respective properties or the conduct of their respective businesses as described in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus, except where the failure to possess or make the same would not, individually or in the aggregate, have a Material Adverse Effect; and except as described in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus, neither the Company nor any of its subsidiaries has received notice of any revocation or modification of any such license, sub-license, certificate, permit or authorization or has any reason to believe that any such license, sub-license, certificate, permit or authorization will not be renewed in the ordinary course. The Company and its subsidiaries are in compliance with all statutes, rules and regulations applicable to the ownership, testing, development, manufacture, packaging, processing, use, distribution, storage, import, export or disposal of any product manufactured or distributed by the Company or its subsidiaries.

(ee) No labor disturbance by or dispute with employees of the Company or any of its subsidiaries exists or, to the knowledge of the Company, is contemplated or threatened, and the Company is not aware of any existing or imminent labor disturbance by, or dispute with, the

employees of any of its or its subsidiaries' principal suppliers, contractors or customers, except as would not have a Material Adverse Effect. Neither the Company nor any of its subsidiaries has received any notice of cancellation or termination with respect to any collective bargaining agreement to which it is a party.

(ff) (i) The Company and its subsidiaries (x) are in compliance with all, and have not violated any, applicable federal, state, local and foreign laws (including common law), rules, regulations, requirements, decisions, judgments, ordinance, policy, code, decrees, orders and other legally enforceable requirements relating to pollution or the protection of human health or safety, the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata), wildlife, natural resources, hazardous or toxic substances or wastes, petroleum or petroleum products, asbestos-containing materials, mold, pollutants or contaminants (collectively, "**Environmental Laws**"), (y) have received and are in compliance with all, and have not violated any, permits, licenses, certificates or other authorizations or approvals required of them under any Environmental Laws to conduct their respective businesses, and (z) have not received notice of any actual or potential liability or obligation under or relating to, or any actual or potential violation of, any Environmental Laws, including for the investigation or remediation of any disposal or release of hazardous or toxic substances or wastes, pollutants or contaminants, and have no knowledge of any event or condition that would reasonably be expected to result in any such notice; (ii) there are no costs or liabilities associated with Environmental Laws of or relating to the Company or its subsidiaries, except in the case of each of (i) and (ii) above, for any such matter, as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and (iii) except as described in each of the Registration Statement, the Pricing Disclosure Package and the Prospectus, (x) there is no proceeding that is pending, or that is known to be contemplated, against the Company or any of its subsidiaries under any Environmental Laws in which a governmental entity is also a party, other than such proceeding regarding which it is reasonably believed no monetary sanctions of \$100,000 or more will be imposed, (y) the Company and its subsidiaries are not aware of any facts or issues regarding compliance with Environmental Laws, or liabilities or other obligations under Environmental Laws or concerning hazardous or toxic substances or wastes, pollutants or contaminants, that could reasonably be expected to have a material effect on the capital expenditures, earnings or competitive position of the Company and its subsidiaries, and (z) none of the Company or its subsidiaries anticipates material capital expenditures relating to any Environmental Laws.

(gg) (i) Each employee benefit plan, within the meaning of Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended ("**ERISA**"), for which the Company or any member of its "**Controlled Group**" (defined as any entity, whether or not incorporated, that is under common control with the Company within the meaning of Section 4001(a)(14) of ERISA or any entity that would be regarded as a single employer with the Company under Section 414(b), (c), (m) or (o) of the Code would have any liability (each, a "**Plan**") has been maintained in compliance with its terms and the requirements of any applicable statutes, orders, rules and regulations, including but not limited to, ERISA and the Code; (ii) no prohibited transaction, within the meaning of Section 406 of ERISA or Section 4975 of the Code, has occurred with respect to any Plan excluding transactions effected pursuant to a statutory or administrative exemption; (iii) for each Plan that is subject to the funding rules of Section 412 of the Code or Section 302 of ERISA, no Plan has failed (whether or not waived), or

is reasonably expected to fail, to satisfy the minimum funding standards (within the meaning of Section 302 of ERISA or Section 412 of the Code) applicable to such Plan; (iv) no Plan is, or is reasonably expected to be, in “at risk status” (within the meaning of Section 303(i) of ERISA) and no Plan that is a “multiemployer plan” within the meaning of Section 4001(a)(3) of ERISA is in “endangered status” or “critical status” (within the meaning of Sections 304 and 305 of ERISA); (v) the fair market value of the assets of each Plan exceeds the present value of all benefits accrued under such Plan (determined based on those assumptions used to fund such Plan); (vi) no “reportable event” (within the meaning of Section 4043(c) of ERISA and the regulations promulgated thereunder) has occurred or is reasonably expected to occur; (vii) each Plan that is intended to be qualified under Section 401(a) of the Code is so qualified, and nothing has occurred, whether by action or by failure to act, which would cause the loss of such qualification; (viii) neither the Company nor any member of the Controlled Group has incurred, nor reasonably expects to incur, any liability under Title IV of ERISA (other than contributions to the Plan or premiums to the Pension Benefit Guarantee Corporation, in the ordinary course and without default) in respect of a Plan (including a “multiemployer plan”, within the meaning of Section 4001(a)(3) of ERISA); and (ix) none of the following events has occurred or is reasonably likely to occur: (A) a material increase in the aggregate amount of contributions required to be made to all Plans by the Company or its Controlled Group affiliates in the current fiscal year of the Company and its Controlled Group affiliates compared to the amount of such contributions made in the Company’s and its Controlled Group affiliates’ most recently completed fiscal year; or (B) a material increase in the Company and its subsidiaries’ “accumulated post-retirement benefit obligations” (within the meaning of Accounting Standards Codification Topic 715-60) compared to the amount of such obligations in the Company and its subsidiaries’ most recently completed fiscal year, except in each case with respect to the events or conditions set forth in (i) through (ix) hereof, as would not, individually or in the aggregate, have a Material Adverse Effect.

(hh) The Company and its subsidiaries maintain an effective system of “disclosure controls and procedures” (as defined in Rule 13a-15(e) of the Exchange Act) that complies with the requirements of the Exchange Act and that has been designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission’s rules and forms, including controls and procedures designed to ensure that such information is accumulated and communicated to the Company’s management as appropriate to allow timely decisions regarding required disclosure. The Company and its subsidiaries have carried out evaluations of the effectiveness of their disclosure controls and procedures as required by Rule 13a-15 of the Exchange Act.

(ii) The Company and its subsidiaries maintain systems of “internal control over financial reporting” (as defined in Rule 13a-15(f) of the Exchange Act) that comply with the requirements of the Exchange Act and have been designed by, or under the supervision of, their respective principal executive and principal financial officers, or persons performing similar functions, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP. The Company and its subsidiaries maintain internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management’s general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of

financial statements in conformity with GAAP and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management's general or specific authorization; (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences; and (v) interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus fairly presents the information called for in all material respects and is prepared in accordance with the Commission's rules and guidelines applicable thereto. Based on the Company's most recent evaluation of its internal controls over financial reporting pursuant to Rule 13a-15(c) of the Exchange Act, except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, there are no material weaknesses in the Company's internal controls. The Company's auditors and the audit committee of the Board of Directors of the Company have been advised of: (i) all significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which have adversely affected or are reasonably likely to adversely affect the Company's ability to record, process, summarize and report financial information; and (ii) any fraud, whether or not material, that involves management or other employees who have a significant role in the Company's internal controls over financial reporting.

(jj) Except as otherwise described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company and its subsidiaries have insurance covering their respective properties, operations, personnel and businesses, including business interruption insurance, which insurance is in amounts and insures against such losses and risks as are adequate to protect the Company and its subsidiaries and their respective businesses; and neither the Company nor any of its subsidiaries has (i) received notice from any insurer or agent of such insurer that capital improvements or other expenditures are required or necessary to be made in order to continue such insurance or (ii) any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage at reasonable cost from similar insurers as may be necessary to continue its business.

(kk) Except as otherwise described in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company and its subsidiaries' information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications, and databases (collectively, "**IT Systems**") are adequate for, and operate and perform, in each case, in all material respects, as required in connection with the operation of the business of the Company and its subsidiaries as currently conducted to the Company's knowledge, free and clear of all material bugs, errors, defects, Trojan horses, time bombs, malware and other corruptants. The Company and its subsidiaries have implemented and maintained commercially reasonable physical, technical and administrative controls, policies, procedures, and safeguards to maintain and protect their material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and data, including "Personal Data," used in connection with their businesses. "**Personal Data**" means (i) a natural person's name, street address, telephone number, e-mail address, photograph, social security number or tax identification number, driver's license number, passport number, credit card number, bank information, or customer or account number; (ii) any information which would qualify as "personally identifying information" under the Federal Trade Commission Act, as amended; (iii) "personal data" as defined by GDPR; (iv) any information which would qualify

as “protected health information” under the Health Insurance Portability and Accountability Act of 1996, as amended by the Health Information Technology for Economic and Clinical Health Act (collectively, “**HIPAA**”); and (v) any other piece of information that allows the identification of such natural person, or his or her family, or permits the collection or analysis of any data related to an identified person’s health or sexual orientation. To the Company’s knowledge, there have been no breaches, violations, outages or unauthorized uses of or accesses to same, except for those that have been remedied without material cost or liability, nor any incidents under internal review or investigations relating to the same. The Company and its subsidiaries are presently in material compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Personal Data and to the protection of such IT Systems and Personal Data from unauthorized use, access, misappropriation or modification.

The Company and its subsidiaries are, and at all prior times were, in material compliance with all applicable state and federal data privacy and security laws and regulations, including without limitation HIPAA, and the Company and its subsidiaries have taken commercially reasonable actions to prepare to comply with, and since May 25, 2018, have been and currently are in compliance with, the European Union General Data Protection Regulation (“**GDPR**”) (EU 2016/679) (collectively, the “**Privacy Laws**”). To ensure compliance with the Privacy Laws, the Company and its subsidiaries have in place, comply with, and take appropriate steps reasonably designed to ensure compliance in all material respects with their policies and procedures relating to data privacy and security and the collection, storage, use, disclosure, handling, and analysis of Personal Data (the “**Policies**”). The Company and its subsidiaries have at all times made all disclosures to users or customers required by applicable laws and regulatory rules or requirements, and none of such disclosures made or contained in any Policy have, to the knowledge of the Company, been inaccurate or in violation of any applicable laws and regulatory rules or requirements in any material respect. The Company further certifies that neither it nor any subsidiary: (i) has received written notice of any actual or potential liability under or relating to, or actual or potential violation of, any of the Privacy Laws, and has no knowledge of any event or condition that would reasonably be expected to result in any such notice; (ii) is currently conducting or paying for, in whole or in part, any investigation, remediation, or other corrective action pursuant to any Privacy Law; or (iii) is a party to any order, decree, or agreement that imposes any obligation or liability under any Privacy Law.

(II) Neither the Company nor any of its subsidiaries any of their respective directors, officers, nor to the Company’s knowledge, any of their respective employees, affiliates or other persons associated with or acting on behalf of the Company or any of its subsidiaries has (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity; (ii) made or taken an act in furtherance of an offer, promise or authorization of any direct or indirect unlawful payment or benefit to any foreign or domestic government official or employee, including of any government-owned or controlled entity or of a public international organization, or any person acting in an official capacity for or on behalf of any of the foregoing, or any political party or party official or candidate for political office; (iii) violated or is in violation of any provision of the Foreign Corrupt Practices Act of 1977, as amended, or any applicable law or regulation implementing the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, or

committed an offence under the Bribery Act 2010 of the United Kingdom or any other applicable anti-bribery or anti-corruption law; or (iv) made, offered, agreed, requested or taken an act in furtherance of any unlawful bribe or other unlawful benefit, including, without limitation, any rebate, payoff, influence payment, kickback or other unlawful, or improper payment or benefit. The Company and its subsidiaries have instituted, maintain and enforce, and will continue to maintain and enforce policies and procedures designed to promote and ensure compliance with all applicable anti-bribery and anti-corruption laws.

(mm) The operations of the Company and its subsidiaries are, and have been in the last five (5) years, in material compliance with applicable financial recordkeeping and reporting requirements, including those of the Currency and Foreign Transactions Reporting Act of 1970, as amended, and any applicable money laundering statutes, rules and regulations thereunder, and any related or similar rules, regulations or guidelines, issued, administered, or enforced by any governmental agency with jurisdiction over the Company or any of its subsidiaries (collectively, the “**Anti-Money Laundering Laws**”) and no action, suit, or proceeding by or before any court or governmental agency, authority, or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Anti-Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(nn)

- (i) Neither the Company, nor any of its subsidiaries, directors, officers, or employees, nor, to the knowledge of the Company, any agent or affiliate of the Company or any of its subsidiaries, or other person associated with or acting on behalf of the Company or any of its subsidiaries, is (a) currently the subject or the target of any sanctions or on any sanctions-related list administered or enforced by the U.S. government (including, without limitation, the U.S. Department of the Treasury’s Office of Foreign Assets Control, the U.S. Department of State, and the U.S. Department of Commerce), the United Nations Security Council, the European Union, His Majesty’s Treasury, or other relevant sanctions authority (collectively, “**Sanctions**”), nor is (b) located, organized, or resident in a country or territory that is the subject or the target of comprehensive territory-wide Sanctions, including, without limitation, the Cuba, Iran, North Korea, Syria, and the Crimea, so-called Donetsk People’s Republic, and so-called Luhansk People’s Republic regions of Ukraine (each, a “**Sanctioned Country**”).
- (ii) The Company will not, directly or knowingly indirectly, use the proceeds of the offering of the Shares hereunder, or lend, contribute, or otherwise make available such proceeds to any subsidiary, joint venture partner, or other person or entity (a) to fund or facilitate any activities or business of or with any person that, at the time of such funding or facilitation, is the subject or the target of Sanctions, (b) to fund or facilitate any activities of or business in any Sanctioned Country in violation of Sanctions, or (c) in any other manner that will result in a violation by any person (including any person participating in the transaction, whether as underwriter, advisor, investor, or otherwise) of Sanctions.

- (iii) For the past five (5) years, the Company and its subsidiaries have not engaged in and are not now engaged in, and will not engage in, any dealings (a) with any person that, at the time of the dealing, is or was the subject or the target of Sanctions or with any Sanctioned Country, in each case in violation of Sanctions, (b) that are otherwise in violation of Sanctions, or (c) that would reasonably be expected to result in the Company being designated as the subject or target of Sanctions.
- (iv) The Company has implemented and maintains in effect policies and procedures designed to ensure compliance by the Company, its subsidiaries, and their respective directors, officers, and employees, and to the knowledge of the Company, their respective agents, with all applicable Sanctions.

(oo) The Company (i) does not have any material lending or other relationship with any banking or lending affiliate of the Underwriters and (ii) does not intend to use any of the proceeds from the sale of the Shares to repay any outstanding debt owed to any affiliate of the Underwriters.

(pp) Except as otherwise disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, no subsidiary of the Company is currently prohibited, directly or indirectly, under any agreement or other instrument to which it is a party or is subject, from paying any dividends to the Company, from making any other distribution on such subsidiary's capital stock or similar ownership interest, from repaying to the Company any loans or advances to such subsidiary from the Company or from transferring any of such subsidiary's properties or assets to the Company or any other subsidiary of the Company.

(qq) Neither the Company nor any of its subsidiaries is a party to any contract, agreement or understanding with any person (other than this Agreement) that would give rise to a valid claim against the Company or any of its subsidiaries or the Underwriters for a brokerage commission, finder's fee or like payment in connection with the offering and sale of the Shares.

(rr) Neither the Company, nor any of its subsidiaries, nor any of its or their respective directors, officers or, to the knowledge of the Company, controlling persons has taken, directly or indirectly, any action designed to or that might reasonably be expected to cause or result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Common Stock.

(ss) There are no business relationships or related-party transactions involving the Company or any of its subsidiaries or any other person required to be described in the Registration Statement, the Pricing Disclosure Package and the Prospectus that have not been described as required.

(tt) There are no outstanding loans, advances (except normal advances for business expenses in the ordinary course of business) or guarantees of indebtedness by the Company to or for the benefit of any of the officers or directors of the Company or any of their respective family members, except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus. The Company has not directly or indirectly extended or maintained credit, arranged for the extension of credit, or renewed an extension of credit, in the form of a personal loan to or for any director or executive officer of the Company.

(uu) The Company has not relied upon the Underwriters or legal counsel for the Underwriters for any legal, tax or accounting advice in connection with the offering and sale of the Shares.

(vv) The Company has not been advised, and has no reason to believe, that it and each of its subsidiaries are not conducting business in compliance with all applicable laws, rules and regulations of the jurisdictions in which it is conducting business, except where failure to be so in compliance would not result in a Material Adverse Effect.

(ww) There is and has been no failure on the part of the Company or to the knowledge of the Company any of the Company's directors or officers, in their capacities as such, to comply in all material respects with any applicable provision of the Sarbanes-Oxley Act of 2002 and the rules and regulations promulgated in connection therewith (the "**Sarbanes- Oxley Act**"), including Section 402 related to loans and Sections 302 and 906 related to certifications.

(xx) The Common Stock is currently listed on Nasdaq under the trading symbol "ASPS". Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, the Company has not received notice from Nasdaq to the effect that the Company is not in compliance with the listing or maintenance requirements.

(yy) Neither the issuance, sale and delivery of the Shares nor the application of the proceeds thereof by the Company as described in the Registration Statement, the Pricing Disclosure Package and the Prospectus will violate Regulation T, U or X of the Board of Governors of the Federal Reserve System or any other regulation of such Board of Governors.

(zz) Nothing has come to the attention of the Company that has caused the Company to believe that the statistical and market-related data included or incorporated by reference in each of the Registration Statement and the Prospectus is not based on or derived from sources that are reliable and accurate in all material respects.

(aaa) Neither the Company nor, to the Company's knowledge, any of its affiliates (within the meaning of Rule 144 under the Securities Act) has, prior to the date hereof, made any offer or sale of any securities that could be "integrated" (within the meaning of the Securities Act) with the offer and sale of the Shares hereunder.

(bbb) The Company is not in or subject to a bankruptcy or insolvency proceeding in any jurisdiction.

(ccc) Each of the independent directors (or independent director nominees, once appointed, if applicable) named in the Registration Statement, the Pricing Disclosure Package and Prospectus satisfies the independence standards established by Nasdaq and, with respect to members of the Company's audit committee, the enhanced independence standards contained in Rule 10A-3(b)(1) promulgated by the Commission under the Exchange Act.

(ddd) Neither the Company nor any of its subsidiaries or their properties or assets has immunity under Grand Duchy of Luxembourg ("**Luxembourg**"), U.S. federal or New York state law from any legal action, suit or proceeding, from the giving of any relief in any such legal action, suit or proceeding, from set-off or counterclaim, from the jurisdiction of any Luxembourg, U.S. federal or New York state court, from service of process, attachment upon or prior to judgment, or attachment in aid of execution of judgment, or from execution of a

judgment, or other legal process or proceeding for the giving of any relief or for the enforcement of a judgment, in any such court with respect to their respective obligations, liabilities or any other matter under or arising out of or in connection herewith; and, to the extent that the Company or any of its subsidiaries or any of its properties, assets or revenues may have or may hereafter become entitled to any such right of immunity in any such court in which proceedings arising out of, or relating to the transactions contemplated by this Agreement, may at any time be commenced, the Company has, pursuant to Section 17 of this Agreement, waived, and it will waive, or will cause its subsidiaries to waive, such right to the extent permitted by law.

(eee) There are no stamp or other issuance or transfer taxes or duties or other similar fees or charges required to be paid by or on behalf of the Underwriters in Luxembourg or any political subdivision or taxing authority thereof in connection with the offer or sale of the securities or this Agreement.

(fff) The Company was not a “passive foreign investment company” (“**PFIC**”) as defined in Section 1297 of the Code for its most recently completed taxable year and the Company does not expect to be a PFIC for the foreseeable future.

(ggg) All payments to be made by the Company on or by virtue of the execution delivery, performance or enforcement of this Agreement, and all interest, principal, premium, if any, additional amounts, if any, and other payments under this Agreement, under the current laws and regulations of the United States of America or Luxembourg, any political subdivision thereof or any applicable taxing jurisdiction (each, a “**Taxing Jurisdiction**”), will not be subject to withholding, duties, levies, deductions, charges or other taxes under the current laws and regulations of the Taxing Jurisdiction and are otherwise payable free and clear of any other withholding, duty, levy, deduction, charge or other tax in the Taxing Jurisdiction and without the necessity of obtaining any governmental authorization in the Taxing Jurisdiction.

(hhh) This Agreement and any other documents or instruments to be furnished hereunder are in proper form under the laws of Luxembourg for the enforcement thereof against the Company and to ensure the legality, validity, enforceability or accessibility into evidence in Luxembourg of each such document or instrument. It is not necessary that any such document or instrument to be furnished hereunder be filed or recorded with any court or other authority in Luxembourg, except in case such document or instrument is appended to a deed (*annexés à un acte*) which is mandatory subject to registration, or lodged with the notary for his records (*déposés au rang des minutes d’un notaire*).

(iii) The choice of laws of the State of New York as the governing law of this Agreement is a valid choice of law under the laws of Luxembourg and will be honored by the courts of Luxembourg. The Company has the power to submit, and pursuant to Section 17 of this Agreement, has legally, validly, effectively and irrevocably submitted, to the personal jurisdiction of each New York state and United States federal court sitting in the City of New York and has validly and irrevocably waived any objection to the laying of venue of any suit, action or proceeding brought in such court.

(jjj) The indemnification provisions set forth in Section 8 hereof do not contravene Luxembourg law or public policy.

(kkk) Except as disclosed in the Registration Statement, the Pricing Disclosure Package and the Prospectus, no approvals are currently required in Luxembourg in order for the Company to pay dividends or other distributions declared by the Company to the holders of Shares. Under current laws and regulations of Luxembourg and any political subdivision thereof, any amount payable with respect to the Shares upon liquidation of the Company or upon redemption thereof and dividends and other distributions declared and payable on the share capital of the Company may be paid by the Company in United States dollars or euros and freely transferred out of Luxembourg, and without the necessity of obtaining any governmental authorization in Luxembourg or any political subdivision or taxing authority thereof or therein. Any certificate signed by an officer of the Company and delivered to the Underwriters or to counsel for the Underwriters pursuant to or in connection with this Agreement shall be deemed to be a representation and warranty by the Company to the Underwriters as to the matters set forth therein.

The Company acknowledges that the Underwriters and, for purposes of the opinions to be delivered pursuant to Section 7 hereof, counsel to the Company and counsel to the Underwriters, will rely upon the accuracy and truthfulness of the foregoing representations and hereby consents to such reliance.

2. Purchase, Sale and Delivery of the Shares.

(a) On the basis of the representations, warranties, covenants and agreements herein contained, and subject to the terms and conditions herein set forth, the Company agrees to sell to each Underwriter and each Underwriter, severally and not jointly, agrees to purchase from the Company, at a purchase price per share of \$3.384, the number of Firm Shares set forth opposite their respective names on Schedule I hereto together with any additional number of Shares which such Underwriter may become obligated to purchase pursuant to the provisions of Section 10 hereof, subject, however, to such adjustments to eliminate fractional shares as the Representative in its sole discretion shall make.

(b) The closing of the issuance of the Firm Shares shall be held at the office of The NBD Group, Inc. (“**Underwriters’ Counsel**”), or at such other place as shall be agreed upon by the Representative and the Company, at 10:00 A.M., New York City time, on September 12, 2023, or such other time and date as the Representative and the Company may agree upon in writing (such time and date of payment and delivery being herein called the “**Closing Date**”). Payment of the purchase price for the Firm Shares shall be made by wire transfer in same day funds to the accounts specified by the Company at least two business days prior to the Closing Date upon delivery of the Firm Shares to the Representative through the facilities of DTC for the respective accounts of the several Underwriters. The Firm Shares shall be registered in such name or names and shall be in such denominations as the Representative may request in writing not later than the business day immediately prior to the Closing Date.

(c) In addition, the Company hereby grants to the Underwriters the option to purchase up to 729,166 Additional Shares at the same purchase price per share to be paid by the Underwriters for the Firm Shares as set forth in Section 2(a) above. This option may be exercised at any time and from time to time, in whole or in part on one or more occasions, on or before the thirtieth day following the date of the Prospectus, by written notice from the Representative to the Company. Such notice shall set forth the aggregate number of Additional

Shares as to which the option is being exercised and the date and time, as reasonably determined by the Representative, when the Additional Shares are to be delivered (any such date and time being herein sometimes referred to as an “**Additional Closing Date**”); *provided, however*, that no Additional Closing Date shall occur earlier than the Closing Date or earlier than the second full business day after the date on which the option shall have been exercised nor later than the eighth full business day after the date on which the option shall have been exercised. On the basis of the representations, warranties, covenants and agreements herein contained, but subject to the terms and conditions herein set forth, upon any exercise of the option as to all or any portion of the Additional Shares, each Underwriter, acting severally and not jointly, agrees to purchase from the Company the number of Additional Shares that bears the same proportion of the total number of Additional Shares then being purchased as the number of Firm Shares set forth opposite the name of such Underwriter in Schedule I hereto (or such number increased as set forth in Section 10 hereof) bears to the total number of Firm Shares that the Underwriters have agreed to purchase hereunder, subject, however, to such adjustments to eliminate fractional shares as the Representative in its sole discretion shall make. In the event that the Underwriters exercise less than their full option to purchase Additional Shares, the number of Additional Shares to be sold by the Company shall be, as nearly as practicable, in the same proportion as the maximum number of Additional Shares to be sold by the Company and the number of Additional Shares to be sold.

(d) The closing of the issuance of the Additional Shares shall be held at the office of Underwriters’ Counsel, or at such other place as shall be agreed upon by the Representative and the Company, at 10:00 A.M., New York City time, on any Additional Closing Date, or such other time as shall be agreed upon by the Representative and the Company. Payment of the purchase price for the Additional Shares shall be made by wire transfer in same day funds to the account specified by the Company upon delivery of the Additional Shares to the Representative through the facilities of DTC for the respective accounts of the several Underwriters. The Additional Shares shall be registered in such name or names and shall be in such denominations as the Representative may request in writing not later than the business day immediately prior to the Closing Date.

3. Offering. Upon authorization of the release of the Firm Shares by the Representative, the Underwriters propose to offer the Shares for sale to the public upon the terms and conditions set forth in the Prospectus.

4. Covenants of the Company. In addition to the other covenants and agreements of the Company contained herein, the Company further covenants and agrees with each of the Underwriters that:

(a) The Company shall prepare the Prospectus in a form approved by you and file such Prospectus pursuant to, and within the time period specified in, Rule 424(b) and Rule 430B under the Securities Act; prior to the last date on which an Additional Closing Date, if any, may occur, the Company shall file no further amendment to the Registration Statement or amendment or supplement to the Prospectus to which you shall object in writing after being furnished in advance a copy thereof and given a reasonable opportunity to review and comment thereon; the Company shall notify you promptly (and, if requested by the Representative, confirm such notice in writing) (i) when the Registration Statement and any amendments thereto

become effective, (ii) of any request by the Commission for any amendment of or supplement to the Registration Statement or the Prospectus, including any document incorporated by reference therein or for any additional information, (iii) of the Company's intention to file, or prepare any supplement or amendment to, the Registration Statement, any Preliminary Prospectus, the Prospectus or any Issuer Free Writing Prospectus, (iv) of the mailing or the delivery to the Commission for filing of any amendment of or supplement to the Registration Statement or the Prospectus, including but not limited to Rule 462(b) under the Securities Act, (v) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto, or suspending the use of any Preliminary Prospectus, the Prospectus or any Issuer Free Writing Prospectus or, in each case, of the initiation or threatening of any proceedings therefore, (vi) of the receipt of any comments from the Commission, and (vii) of the receipt by the Company of any notification with respect to the suspension of the qualification of the Shares for sale in any jurisdiction or the initiation or threatening of any proceeding for that purpose. If the Commission shall propose or enter a stop order at any time, the Company will make every reasonable effort to prevent the issuance of any such stop order and, if issued, to obtain the lifting of such order as soon as possible.

(b) If at any time when a prospectus relating to the Shares (or, in lieu thereof, the notice referred to in Rule 173(a) under the Securities Act) is required to be delivered under the Securities Act, any event shall have occurred as a result of which the Pricing Disclosure Package (prior to the availability of the Prospectus) or the Prospectus as then amended or supplemented would, in the judgment of the Underwriters or the Company, include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances existing at the time of delivery of such Pricing Disclosure Package or Prospectus (or, in lieu thereof, the notice referred to in Rule 173(a) under the Securities Act) to the purchaser, not misleading, or if to comply with the Securities Act, the Exchange Act or the Rules and Regulations it shall be necessary at any time to amend or supplement the Pricing Disclosure Package, the Prospectus or the Registration Statement, or to file any document incorporated by reference in the Registration Statement or the Prospectus or in any amendment thereof or supplement thereto, the Company will notify you promptly and prepare and file with the Commission an appropriate amendment, supplement or document (in form and substance satisfactory to the Representative) that will correct such statement or omission or effect such compliance, and will use its reasonable best efforts to have any amendment to the Registration Statement declared effective as soon as possible.

(c) The Company will not, without the prior consent of the Representative, (i) make any offer relating to the Shares that would constitute a "free writing prospectus" as defined in Rule 405 under the Securities Act, except for any Issuer Free Writing Prospectus set forth in Schedule II hereto and any electronic road show previously approved by the Representative, or (ii) file, refer to, approve, use or authorize the use of any "free writing prospectus" as defined in Rule 405 under the Securities Act with respect to the Offering or the Shares. If at any time any event shall have occurred as a result of which any Issuer Free Writing Prospectus as then amended or supplemented would, in the judgment of the Underwriters or the Company, conflict with the information in the Registration Statement, the Pricing Disclosure Package or the Prospectus as then amended or supplemented or would, in the judgment of the Underwriters or the Company, include an untrue statement of a material fact or omit to state any material necessary in order to make the statements therein, in the light of the circumstances

existing at the time of delivery to the purchaser, not misleading, or if to comply with the Securities Act or the Rules and Regulations it shall be necessary at any time to amend or supplement any Issuer Free Writing Prospectus, the Company will notify the Representative promptly and, if requested by the Representative, prepare and furnish without charge to each Underwriter an appropriate amendment or supplement (in form and substance satisfactory to the Representative) that will correct such statement, omission or conflict or effect such compliance.

(d) The Company will comply with the requirements of Rule 433 with respect to each Issuer Free Writing Prospectus including, without limitation, all prospectus delivery, filing, record retention and legending requirements applicable to each such Issuer Free Writing Prospectus.

(e) At the request of the Representative, the Company will promptly deliver to each of you and Underwriters' Counsel a signed copy of the Registration Statement, as initially filed and all amendments thereto, including all consents and exhibits filed therewith. At the request of the Representative, the Company will promptly deliver to each of the Underwriters such number of copies of any Preliminary Prospectus, the Prospectus, the Registration Statement, all amendments of and supplements to such documents, if any, and all documents incorporated by reference in the Registration Statement and Prospectus or any amendment thereof or supplement thereto, as you may reasonably request. Prior to 3:00 P.M., New York City time, on the business day next succeeding the date of this Agreement and from time to time thereafter, at the request of the Representative, the Company will furnish the Underwriters with copies of the Prospectus in New York City in such quantities as you may reasonably request.

(f) The Company will use its reasonable best efforts, in cooperation with the Representative, to qualify the Shares for offering and sale under the securities laws relating to the offering or sale of the Shares of such jurisdictions, domestic or foreign, as the Representative may reasonably request and to maintain such qualification in effect for so long as required for the distribution thereof; except that in no event shall the Company be obligated in connection therewith (i) to qualify as a foreign corporation, (ii) to execute a general consent to service of process or (iii) subject itself to taxation in any jurisdiction where it is not otherwise so subject.

(g) The Company will make generally available to its security holders and to the Representative as soon as practicable an earnings statement of the Company and the subsidiaries (which need not be audited) covering a period of at least twelve months beginning with the first fiscal quarter of the Company commencing after the date of this Agreement that will satisfy the provisions of Section 11(a) of the Securities Act and the Rules and Regulations (including, at the option of the Company, Rule 158).

(h) During the period of 90 days from the date of the Prospectus (the "**Lock-Up Period**"), without the prior written consent of the Representative, the Company (i) will not, directly or indirectly, issue, offer, sell, agree to issue, offer or sell, solicit offers to purchase, grant any call option, warrant or other right to purchase, purchase any put option or other right to sell, pledge, hypothecate, borrow or otherwise transfer or dispose of any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock, or make any public announcement of any of the foregoing, (ii) will not establish or increase any "put equivalent position" or liquidate or decrease any "call equivalent position" (in

each case within the meaning of Section 16 of the Exchange Act and the rules and regulations thereunder) with respect to any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock, (iii) will not otherwise enter into any swap, derivative or other transaction or arrangement that transfers to another, in whole or in part, any economic consequence of ownership of any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock, whether or not such transaction is to be settled by delivery of any shares of Common Stock, securities convertible into or exercisable or exchangeable for Common Stock, other securities, cash or other consideration, (iv) will not submit or file any registration statement under the Securities Act in respect of any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock, (v) will not effect a reverse stock split, recapitalization, share consolidation, reclassification or similar transaction affecting the outstanding shares of Common Stock, and (vi) will not publicly announce the intention to do any of the foregoing, other than (A) effect the transactions contemplated hereby, (B) upon the exercise of an option or warrant, the vesting of restricted stock, restricted stock units, performance stock units or deferred stock units or the conversion or exchange of a security outstanding on the date hereof as referred to in the Registration Statement, the Pricing Disclosure Package and the Prospectus, (C) any shares of Common Stock (including restricted Common Stock) issued, restricted stock units issued or options to purchase Common Stock granted pursuant to existing employee benefit plans of the Company referred to in the Registration Statement, the Pricing Disclosure Package and the Prospectus and (D) shares of Common Stock to be potentially issued to one or more counterparties in connection with the consummation of a strategic partnership, joint venture, collaboration, merger or other acquisition agreement; provided, that prior to such issuance, each recipient of such shares under this subsection (D) shall execute and deliver to the Representative a Lock-Up Agreement substantially in the form of Exhibit B attached hereto.

(i) During the period of two years from the Effective Date of the Registration Statement, the Company will furnish to the Representative copies of all reports or other communications (financial or other) furnished to security holders or from time to time published or publicly disseminated by the Company, and will deliver to the Representative as soon as they are available, copies of any reports, financial statements and proxy or information statements furnished to or filed with the Commission or any national securities exchange on which any class of securities of the Company is listed; provided, that the Company will be deemed to have furnished such reports, other communications, financial statements and proxy or information statements to the Representative to the extent they are filed on EDGAR.

(j) The Company will use its reasonable best efforts to list the Shares on the Nasdaq Global Select Market and to maintain the listing of the Shares on Nasdaq.

(k) The Company will apply the net proceeds from the sale of the Shares as set forth under the caption "Use of Proceeds" in the Pricing Disclosure Package and the Prospectus.

(l) The Company, during the period when a prospectus (or, in lieu thereof, the notice referred to in Rule 173(a) under the Securities Act) is required to be delivered under the Securities Act in connection with the offer or sale of the Shares, will file all reports and other documents required to be filed by the Company with the Commission pursuant to Section 13(a),

13(c), 14 or 15(d) of the Exchange Act and the Rules and Regulations within the time periods required thereby.

(m) If the Company elects to rely upon Rule 462(b) under the Securities Act, the Company shall file a Rule 462(b) Registration Statement with the Commission in compliance with Rule 462(b) by 10:00 p.m. (New York City time), on the date of this Agreement, and the Company shall at the time of filing either pay to the Commission the filing fee for the Rule 462(b) Registration Statement or give irrevocable instructions for the payment of such fee pursuant to Rule 111(b) under the Securities Act.

(n) The Company will not take, and will cause its affiliates (within the meaning of Rule 144 under the Securities Act) not to take, directly or indirectly, any action which constitutes or is designed to cause or result in, or which would reasonably be expected to constitute, cause or result in, the stabilization or manipulation of the price of any security to facilitate the sale or resale of the Shares or to result in a violation of Regulation M under the Exchange Act.

(o) The Company shall maintain, at its expense, a registrar and transfer agent for the Shares .

(p) Prior to the Closing Date, upon the request of the Representative, the Company will furnish the Underwriters, as soon as practicable after they have been prepared by or are available to the Company, a copy of any unaudited interim financial statements of the Company for any period subsequent to the period covered by the most recent financial statements appearing in the Registration Statement and the Prospectus.

(q) The Company will do and perform all things required or necessary to be done and performed under this Agreement by it prior to each Closing Date, and to satisfy all conditions precedent to the Underwriters' obligations hereunder to purchase the Shares.

5. Covenant of the Underwriters. Each Underwriter, severally and not jointly, covenants and agrees with the Company that such Underwriter will not use or refer to any "free writing prospectus" (as defined in Rule 405 under the Securities Act) without the prior written consent of the Company if such Underwriter's use of or reference to such "free writing prospectus" would require the Company to file with the Commission any "issuer information" (as defined in Rule 433 under the Securities Act).

6. Payment of Expenses. Whether or not the transactions contemplated by this Agreement, the Registration Statement and the Prospectus are consummated or this Agreement is terminated (provided, however, the Company shall have no obligation to reimburse any defaulting Underwriter pursuant to Section 10 herewith), the Company hereby agrees to pay all reasonable costs and documented expenses incident to the performance of its obligations hereunder, including the following: (i) all expenses in connection with the preparation, printing and filing of the Registration Statement, any Preliminary Prospectus, any Issuer Free Writing Prospectus, the Prospectus and any and all amendments and supplements thereto and the mailing and delivering of copies thereof to the Underwriters and dealers; (ii) the fees, disbursements and expenses of the Company's counsel and accountants in connection with the registration of the

Shares under the Securities Act and the Offering; (iii) the cost of producing this Agreement and any agreement among Underwriters, blue sky survey, closing documents and other instruments, agreements or documents (including any compilations thereof) in connection with the Offering; (iv) all expenses in connection with the qualification of the Shares for offering and sale under state or foreign securities or blue sky laws as provided in Section 4(f) hereof, including the reasonable and documented fees and disbursements of counsel for the Underwriters in connection with such qualification or offering and in connection with any blue sky survey; (v) the filing fees incident to, and the reasonable and documented fees and disbursements of counsel for the Underwriters in connection with securing any required review by FINRA of the terms of the Offering; (vi) all fees and expenses in connection with listing the Shares on Nasdaq; (vii) the costs and expenses of the Company relating to investor presentations on any "road show" undertaken in connection with the marketing of the Shares, including without limitation, expenses associated with the production and distribution (including electronic) of road show slides and graphics, fees and expenses of any consultants engaged in connection with the road show presentations, travel and lodging expenses (consistent with the Company's expense policies) of the representatives and officers of the Company and the Representative in connection with the road show; provided, that, the amounts incurred by the Representative in this clause (vii) shall not exceed \$15,000; (viii) any stock transfer taxes incurred in connection with this Agreement or the Offering and (ix) the fees and expenses incident to the performance of the obligations of the Representative (including reasonable and documented fees and expenses of counsel for the Underwriters; provided, however, that the costs, fees and expenses of counsel and any other consultants or third parties engaged by the Underwriters shall not exceed \$100,000). The Company also will pay or cause to be paid: (x) the cost of preparing stock certificates representing the Shares (if any); and (y) the cost and charges of any transfer agent or registrar for the Shares.

7. Conditions of Underwriters' Obligations. The several obligations of the Underwriters to purchase and pay for the Firm Shares and the Additional Shares, as provided herein, shall be subject to the accuracy of the representations and warranties of the Company herein contained, as of the date hereof and as of the applicable Closing Date (for purposes of this Section 7, "**Closing Date**" shall refer to the Closing Date for the Firm Shares and any Additional Closing Date, if different, for the Additional Shares, as applicable), to the performance by the Company of all of its obligations hereunder, and to each of the following additional conditions:

(a) The Prospectus shall have been filed with the Commission in a timely fashion in accordance with Section 4(a) hereof; no stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto, and no stop order suspending or preventing the use of any Preliminary Prospectus, any Issuer Free Writing Prospectus or the Prospectus, shall have been issued by the Commission and no proceedings therefor shall have been initiated or threatened by the Commission; all requests for additional information on the part of the Commission shall have been complied with to your reasonable satisfaction; if the Company has elected to rely on Rule 462(b) under the Securities Act, the Rule 462(b) Registration Statement shall have become effective by 10:00 p.m. (New York City time) on the date of this Agreement; and all necessary regulatory or stock exchange approvals shall have been received.

(b) (i) At the Closing Date you shall have received the written opinion and negative assurance statement of Paul Hastings LLP, counsel for the Company, dated the Closing Date and addressed to the Underwriters, in form and substance reasonably satisfactory to you; (ii) At the Closing Date, you shall have received the written opinion of NautaDutilh, Luxembourg counsel to the Company, dated the Closing Date and addressed to the Underwriters, in form and substance reasonably satisfactory to you.

(c) At the Closing Date, you shall have received the written negative assurance statement of Underwriters' Counsel, dated the Closing Date and addressed to the Underwriters, in form and substance satisfactory to you, with respect to the issuance and sale of the Shares, the Registration Statement, the Pricing Disclosure Package, the Prospectus and such other matters as you may require, and the Company shall have furnished to Underwriters' Counsel such documents as they may reasonably request for the purpose of enabling them to pass upon such matters.

(d) At the Closing Date you shall have received a certificate of the Chief Executive Officer and Chief Financial Officer of the Company, dated the Closing Date, in form and substance satisfactory to you, as to the accuracy of the representations and warranties of the Company set forth in Section 1 hereof as of the date hereof and as of the Closing Date, as to the performance by the Company of all of its obligations hereunder to be performed at or prior to the Closing Date, as to the matters set forth in subsections (a) and (e) of this Section 7, and as to such other matters as you may reasonably request.

(e) At the time this Agreement is executed and at the Closing Date, you shall have received a comfort letter, from RSM, independent registered public accounting firm for the Company, dated, as of the date of this Agreement and as of the Closing Date, addressed to the Underwriters and in form and substance satisfactory to the Underwriters and Underwriters' Counsel, containing statements and information of the type ordinarily included in accountants' "comfort letters" to underwriters with respect to the financial statements and certain financial information contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus.

(f) Neither the Company nor any subsidiary shall have sustained, since the date of the latest audited financial statements included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and the Prospectus, any material loss or interference with its business or properties from strike, fire, explosion, flood, earthquake, hurricane, accident or other calamity, whether or not covered by insurance, or from any labor dispute or any legal or governmental proceeding, other than as set forth in the Registration Statement, the Pricing Disclosure Package and the Prospectus (exclusive of any supplement thereto); and (ii) subsequent to the dates as of which information is given in the Registration Statement (exclusive of any amendment thereto subsequent to the date hereof) and the Pricing Disclosure Package and the Prospectus (exclusive of any supplement thereto), there shall not have been any change in the capital stock or long-term or short-term debt of the Company or any subsidiary or any change or any development involving a change, whether or not arising from transactions in the ordinary course of business, in the earnings, business, general affairs, management, condition (financial or otherwise), results of operations, stockholders' equity, assets, liability, properties or prospects of the Company and the subsidiaries, individually or

taken as a whole, the effect of which, in any such case described above, is, in the judgment of the Representative, so material and adverse as to make it impracticable or inadvisable to proceed with the Offering on the terms and in the manner contemplated in the Registration Statement, the Pricing Disclosure Package and the Prospectus (exclusive of any such supplement).

(g) No Underwriter shall have discovered and disclosed to the Company on or prior to such Closing Date that any of the Registration Statement, the Pricing Disclosure Package or the Prospectus, or any amendment or supplement thereto, contains an untrue statement of a fact which, in the opinion of Underwriters' Counsel, is material or omits to state a fact which, in the opinion of such counsel, is material and is required to be stated therein or is necessary to make the statements therein not misleading.

(h) As of the date of this Agreement, the Representative shall have received a duly executed Lock-Up Agreement from each person who is a director or executive officer of the Company and each shareholder and other person or entity listed on Schedule IV hereto, in each case substantially in the form attached hereto as Exhibit B.

(i) At the Closing Date, the Shares shall have been approved for listing on Nasdaq, subject only to official notice of issuance.

(j) At the time this Agreement is executed and at the Closing Date, the Company shall have furnished to the Representative a certificate, dated the respective dates of delivery thereof and addressed to the Underwriters, of its chief financial officer with respect to certain financial data contained in the Pricing Disclosure Package and the Prospectus, providing "management comfort" with respect to such information, in form and substance reasonably satisfactory to the Representative.

(k) FINRA shall have confirmed that it has not raised any objection with respect to the fairness and reasonableness of the underwriting terms and arrangements relating to the Offering of the Shares.

(l) The Company shall have furnished the Underwriters and Underwriters' Counsel with such other certificates, opinions or other documents as they may have reasonably requested.

If any of the conditions specified in this Section 7 shall not have been fulfilled when and as required by this Agreement, or if any of the certificates, opinions, written statements or letters furnished to you or to Underwriters' Counsel pursuant to this Section 7 shall not be satisfactory in form and substance to the Representative and to Underwriters' Counsel, all obligations of the Underwriters hereunder may be cancelled by the Representative at, or at any time prior to, the Closing Date and the obligations of the Underwriters to purchase the Additional Shares may be cancelled by the Representative at, or at any time prior to, any Additional Closing Date. Notice of such cancellation shall be given to the Company in writing or by telephone. Any such telephone notice shall be confirmed promptly thereafter in writing.

8. Indemnification.

(a) The Company shall indemnify and hold harmless each Underwriter, its affiliates, directors, officers, employees and each person, if any, who controls any Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, against any and all losses, liabilities, claims, damages and expenses whatsoever as incurred (including but not limited to attorneys' fees and any and all expenses whatsoever reasonably incurred in investigating, preparing or defending against any litigation, commenced or threatened, or any claim whatsoever, and any and all amounts paid in settlement of any claim or litigation), joint or several, to which they or any of them may become subject under the Securities Act, the Exchange Act or otherwise, insofar as such losses, liabilities, claims, damages or expenses (or actions in respect thereof) arise out of or are based upon (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, or any amendment thereto, or the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading; or (ii) any untrue statement or alleged untrue statement of a material fact included (A) in any Preliminary Prospectus or the Prospectus, or in any supplement thereto or amendment thereof, or in any Issuer Free Writing Prospectus, or in any "issuer information" (as defined in Rule 433(h)(2) under the Securities Act) filed or required to be filed pursuant to Rule 433(d) under the Securities Act, or (B) in any other materials or information provided to investors by, or with the approval of, the Company in connection with the Offering, including in any Road Show for the Offering ("**Marketing Materials**"), or the omission or alleged omission to state in any Preliminary Prospectus or the Prospectus, or in any supplement thereto or amendment thereof, or in any Issuer Free Writing Prospectus, or in any "issuer information" (as defined in Rule 433(h)(2) under the Securities Act) filed or required to be filed pursuant to Rule 433(d) under the Securities Act, or in any Marketing Materials, a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that the Company will not be liable in any such case to the extent but only to the extent that any such loss, liability, claim, damage or expense arises out of or is based upon any such untrue statement or alleged untrue statement or omission or alleged omission made therein in reliance upon and in conformity with written information furnished to the Company by or on behalf of any Underwriter through the Representative expressly for use therein. The parties agree that such information provided by or on behalf of any Underwriter through the Representative consists solely of the material referred to in Section 18 hereof. This indemnity agreement will be in addition to any liability which the Company may otherwise have, including but not limited to other liability under this Agreement.

(b) Each Underwriter, severally and not jointly, shall indemnify and hold harmless the Company, each of the directors of the Company, each of the officers of the Company who shall have signed the Registration Statement, and each other person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, against any losses, liabilities, claims, damages and expenses whatsoever as incurred (including but not limited to attorneys' fees and any and all expenses whatsoever reasonably incurred in investigating, preparing or defending against any litigation, commenced or threatened, or any claim whatsoever, and any and all amounts paid in settlement of any claim or litigation), joint or several, to which they or any of them may become subject under the Securities Act, the Exchange Act or otherwise, insofar as such losses, liabilities, claims, damages or expenses (or actions in respect thereof) arise out of or are based upon (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, or any

amendment thereto, or the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading or (ii) any untrue statement or alleged untrue statement of a material fact contained in any related Preliminary Prospectus or the Prospectus, or in any amendment thereof or supplement thereto, or arise out of or are based upon the omission or alleged omission to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, in each case to the extent, but only to the extent, that any such loss, liability, claim, damage or expense arises out of or is based upon any such untrue statement or alleged untrue statement or omission or alleged omission made therein in reliance upon and in conformity with information furnished in writing to the Company by or on behalf of any Underwriter through the Representative specifically for use therein; provided, however, that in no case shall any Underwriter be liable or responsible for any amount in excess of the underwriting discount applicable to the Shares to be purchased by such Underwriter hereunder. The parties agree that such information provided by or on behalf of any Underwriter through the Representative consists solely of the material referred to in Section 18 hereof.

(c) Promptly after receipt by an indemnified party under subsection (a) or (b) above of notice of any claims or the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify each party against whom indemnification is to be sought in writing of the claim or the commencement thereof (but the failure so to notify an indemnifying party shall not relieve the indemnifying party from any liability which it may have under this Section 8 to the extent that it is not materially prejudiced as a result thereof or otherwise has notice of any such action, and in any event shall not relieve it from any liability that such indemnifying party may have otherwise than on account of the indemnity agreement hereunder). In case any such claim or action is brought against any indemnified party, and it notifies an indemnifying party of the commencement thereof, the indemnifying party will be entitled to participate, at its own expense in the defense of such action, and to the extent it may elect by written notice delivered to the indemnified party promptly after receiving the aforesaid notice from such indemnified party, to assume the defense thereof with counsel satisfactory to such indemnified party; provided however, that counsel to the indemnifying party shall not (except with the written consent of the indemnified party) also be counsel to the indemnified party. Notwithstanding the foregoing, the indemnified party or parties shall have the right to employ its or their own counsel in any such case, but the fees and expenses of such counsel shall be at the expense of such indemnified party or parties unless (i) the employment of such counsel shall have been authorized in writing by one of the indemnifying parties in connection with the defense of such action, (ii) the indemnifying parties shall not have employed counsel to have charge of the defense of such action within a reasonable time after notice of commencement of the action, (iii) the indemnifying party does not diligently defend the action after assumption of the defense, or (iv) such indemnified party or parties shall have reasonably concluded that there may be defenses available to it or them which are different from or additional to those available to one or all of the indemnifying parties (in which case the indemnifying parties shall not have the right to direct the defense of such action on behalf of the indemnified party or parties), in any of which events such fees and expenses shall be borne by the indemnifying parties hereof, then, in addition to the fees and expenses of such counsel for the indemnified parties, the indemnifying party shall be liable for the reasonable fees and expenses of not more than one counsel (in addition to any local counsel) separate from its own counsel. No indemnifying party shall, without the prior written consent of the

indemnified parties, effect any settlement or compromise of, or consent to the entry of judgment with respect to, any pending or threatened claim, investigation, action or proceeding in respect of which indemnity or contribution may be or could have been sought by an indemnified party under this Section 8 or Section 9 hereof (whether or not the indemnified party is an actual or potential party thereto), unless such settlement, compromise or judgment (i) includes an unconditional release of the indemnified party from all liability arising out of such claim, investigation, action or proceeding and (ii) does not include a statement as to or an admission of fault, culpability or any failure to act, by or on behalf of the indemnified party.

(d) If an indemnified party shall have requested an indemnifying party to reimburse the indemnified party for reasonable fees and expenses of counsel for which it is entitled to be reimbursed under this Section 8, such indemnifying party agrees that it shall be liable for any settlement of the nature contemplated by Section 8 effected without its written consent if (i) such settlement is entered into more than 45 days after receipt by such indemnifying party of the aforesaid request, (ii) such indemnifying party shall have received notice of the terms of such settlement at least 30 days prior to such settlement being entered into and (iii) such indemnifying party shall not have reimbursed such indemnified party in accordance with such request prior to the date of such settlement.

9. Contribution. In order to provide for contribution in circumstances in which the indemnification provided for in Section 8 hereof is for any reason held to be unavailable from any indemnifying party or is insufficient to hold harmless a party indemnified thereunder, the Company and the Underwriters severally shall contribute to the aggregate losses, claims, damages, liabilities and expenses of the nature contemplated by such indemnification provision (including any investigation, legal and other expenses incurred in connection with, and any amount paid in settlement of, any action, suit or proceeding or any claims asserted, but after deducting in the case of losses, claims, damages, liabilities and expenses suffered by the Company, any contribution received by the Company from persons, other than the Underwriters, who may also be liable for contribution, including persons who control the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, officers of the Company who signed the Registration Statement and directors of the Company) as incurred to which the Company and one or more of the Underwriters may be subject, in such proportions as is appropriate to reflect the relative benefits received by the Company and by the Underwriters from the Offering or, if such allocation is not permitted by applicable law, in such proportions as are appropriate to reflect not only the relative benefits referred to above but also the relative fault of the Company and the Underwriters in connection with the statements or omissions which resulted in such losses, claims, damages, liabilities or expenses, as well as any other relevant equitable considerations. The relative benefits received by the Company and the Underwriters shall be deemed to be in the same proportion as the total proceeds from the Offering (net of underwriting discounts and commissions but before deducting expenses) received by the Company and the underwriting discount and commissions received by the Underwriters, in each case as set forth in the table on the cover page of the Prospectus, bear to the aggregate initial public offering price of the Shares as set in the table on the cover page of the Prospectus. The relative fault of each of the Company and of the Underwriters shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or the Underwriters and the parties' relative intent, knowledge, access to information

and opportunity to correct or prevent such statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to this Section 9 were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to above in this Section 9. The aggregate amount of losses, liabilities, claims, damages and expenses incurred by an indemnified party and referred to above in this Section 9 shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in investigating, preparing or defending against any litigation, or any investigation or proceeding by any judicial, regulatory or other legal or governmental agency or body, commenced or threatened, or any claim whatsoever based upon any such untrue or alleged untrue statement or omission or alleged omission. Notwithstanding the provisions of this Section 9, (i) no Underwriter shall be required to contribute any amount in excess of the amount by which the discounts and commissions applicable to the Shares underwritten by it and distributed to the public exceeds the amount of any damages which such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission and (ii) no person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. For purposes of this Section 9, each of the Underwriter's affiliates, directors, officers, employees and each person, if any, who controls any Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act shall have the same rights to contribution as such Underwriter, and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, each officer of the Company who shall have signed the Registration Statement and each director of the Company shall have the same rights to contribution as the Company, subject in each case to clause (i) of the immediately preceding sentence. Any party entitled to contribution will, promptly after receipt of notice of commencement of any action, suit or proceeding against such party in respect of which a claim for contribution may be made against another party or parties, notify each party or parties from whom contribution may be sought, but the omission to so notify such party or parties shall not relieve the party or parties from whom contribution may be sought from any obligation it or they may have under this Section 9 or otherwise. The obligations of the Underwriters to contribute pursuant to this Section 9 are several in proportion to the respective number of Shares to be purchased by each of the Underwriters hereunder and not joint.

10. Underwriter Default.

(a) If any Underwriter or Underwriters shall default in its or their obligation to purchase Firm Shares or Additional Shares hereunder, and if the Firm Shares or Additional Shares with respect to which such default relates (the "**Default Shares**") do not (after giving effect to arrangements, if any, made by the Representative pursuant to subsection (b) below) exceed in the aggregate 10% of the number of Firm Shares or Additional Shares, each non-defaulting Underwriter, acting severally and not jointly, agrees to purchase from the Company that number of Default Shares that bears the same proportion of the total number of Default Shares then being purchased as the number of Firm Shares set forth opposite the name of such Underwriter in Schedule I hereto bears to the aggregate number of Firm Shares set forth opposite the names of the non-defaulting Underwriters, subject, however, to such adjustments to eliminate fractional shares as the Representative in its sole discretion shall make.

(b) In the event that the aggregate number of Default Shares exceeds 10% of the number of Firm Shares or Additional Shares, as the case may be, the Representative may in its discretion arrange for itself or for another party or parties (including any non-defaulting Underwriter or Underwriters who so agree) to purchase the Default Shares on the terms contained herein. In the event that within five calendar days after such a default the Representative does not arrange for the purchase of the Default Shares as provided in this Section 10, this Agreement or, in the case of a default with respect to the Additional Shares, the obligations of the Underwriters to purchase and of the Company to sell the Additional Shares shall thereupon terminate, without liability on the part of the Company with respect thereto (except in each case as provided in Sections 6, 8, 9, 11 and 12(d)) or the Underwriters, but nothing in this Agreement shall relieve a defaulting Underwriter or Underwriters of its or their liability, if any, to the other Underwriters and the Company for damages occasioned by its or their default hereunder.

(c) In the event that any Default Shares are to be purchased by the non-defaulting Underwriters, or are to be purchased by another party or parties as aforesaid, the Representative or the Company shall have the right to postpone the Closing Date or Additional Closing Date, as the case may be for a period, not exceeding five business days, in order to effect whatever changes may thereby be made necessary in the Registration Statement or the Prospectus or in any other documents and arrangements, and the Company agrees to file promptly any amendment or supplement to the Registration Statement or the Prospectus which, in the opinion of Underwriters' Counsel, may thereby be made necessary or advisable. The term "**Underwriter**" as used in this Agreement shall include any party substituted under this Section 10 with like effect as if it had originally been a party to this Agreement with respect to such Firm Shares and Additional Shares.

11. Survival of Representations and Agreements. All representations and warranties, covenants and agreements of the Underwriters and the Company contained in this Agreement or in certificates of officers of the Company submitted pursuant hereto, including the agreements contained in Section 6, the indemnity agreements contained in Section 8 and the contribution agreements contained in Section 9, shall remain operative and in full force and effect regardless of any investigation made by or on behalf of any Underwriter or any controlling person thereof or by or on behalf of the Company, any of its officers and directors or any controlling person thereof, and shall survive delivery of and payment for the Shares to and by the Underwriters. The representations contained in Section 1 and the agreements contained in Sections 6, 8, 9, 11, 12 and 17 hereof shall survive any termination of this Agreement, including termination pursuant to Section 10 or 12 hereof.

12. Effective Date of Agreement; Termination.

(a) This Agreement shall become effective when the parties hereto have executed and delivered this Agreement.

(b) The Representative shall have the right to terminate this Agreement at any time prior to the Closing Date or to terminate the obligations of the Underwriters to purchase the Additional Shares at any time prior to any Additional Closing Date, as the case may be, if, at or after the Applicable Time, (i) any domestic or international event or act or occurrence has

materially disrupted, or in the opinion of the Representative will in the immediate future materially disrupt, the market for the Company's securities or securities in general; or (ii) trading on The New York Stock Exchange ("NYSE") or Nasdaq shall have been suspended or been made subject to material limitations, or minimum or maximum prices for trading shall have been fixed, or maximum ranges for prices for securities shall have been required, on the NYSE or Nasdaq or by order of the Commission or any other governmental authority having jurisdiction; or (iii) a banking moratorium has been declared by any state or federal authority or any material disruption in commercial banking or securities settlement or clearance services shall have occurred; or (iv) (A) there shall have occurred any outbreak or escalation of national or international hostilities, or any change in the United States or international financial markets, or any acts of terrorism involving the United States or there is a declaration of a national emergency or war by the United States, or (B) there shall have been any other calamity or crisis or any change or development involving a prospective substantial change in United States' or international political, financial or economic conditions if the effect of any such event in (A) or (B), in the judgment of the Representative, makes it impracticable or inadvisable to proceed with the offering, sale and delivery of the Firm Shares or the Additional Shares, as the case may be, on the terms and in the manner contemplated by the Prospectus; or (v) any of the events described in Section 7(f) shall have occurred or the Underwriters shall decline to purchase the Shares for any reason permitted under this Agreement.

(c) Any notice of termination pursuant to this Section 12 shall be in writing.

(d) If this Agreement shall be terminated pursuant to any of the provisions hereof, or if the sale of the Shares provided for herein is not consummated because any condition to the obligations of the Underwriters set forth herein is not satisfied or because of any refusal, inability or failure on the part of the Company to perform any agreement herein or comply with any provision hereof, the Company will, subject to demand by the Representative, reimburse the Underwriters for all reasonable out-of-pocket expenses (including the reasonable and documented fees and expenses of their counsel), incurred by the Underwriters in connection herewith; provided, however, that in the event of a termination pursuant to Section 10 hereof, only the non-defaulting Underwriters shall be entitled to receive such reimbursement.

13. Research Analyst Independence. The Company acknowledges that the Underwriters' research analysts and research departments are required to be independent from their respective investment banking divisions and are subject to certain regulations and internal policies, and that such Underwriters' research analysts may hold views and make statements or investment recommendations and/or publish research reports with respect to the Company and/or the Offering that differ from the views of personnel in their respective investment banking divisions. The Company hereby waives and releases, to the fullest extent permitted by law, any claims that the Company may have against the Underwriters with respect to any conflict of interest that may arise from the fact that the views expressed by their independent research analysts and research departments may be different from or inconsistent with the views or advice communicated to the Company by personnel in such Underwriters' investment banking divisions. The Company acknowledges that each of the Underwriters is a full service securities firm and as such from time to time, subject to applicable securities laws, may effect transactions for its own account or the account of its customers and hold long or short positions in debt or

equity securities of the companies that may be the subject of the transactions contemplated by this Agreement.

14. No Advisory or Fiduciary Relationship. The Company acknowledges and agrees that (a) the purchase and sale of the Shares pursuant to this Agreement, including the determination of the public offering price of the Shares and any related discounts and commissions, is an arm's-length commercial transaction between the Company, on the one hand, and the several Underwriters, on the other hand, (b) in connection with the Offering and the process leading thereto, each Underwriter is and has been acting solely as a principal and is not the agent or fiduciary of the Company, or its stockholders, or its creditors, employees or any other party, (c) no Underwriter has assumed or will assume an advisory or fiduciary responsibility in favor of the Company with respect to the Offering or the process leading thereto (irrespective of whether such Underwriter has advised or is currently advising the Company on other matters) and no Underwriter has any obligation to the Company with respect to the Offering except the obligations expressly set forth in this Agreement, (d) the Underwriters and their respective affiliates may be engaged in a broad range of transactions that involve interests that differ from those of the Company, and (e) the Underwriters have not provided any legal, accounting, regulatory or tax advice with respect to the Offering and the Company has consulted its own legal, accounting, regulatory and tax advisors to the extent it deemed appropriate.

15. Notices. All communications hereunder, except as may be otherwise specifically provided herein, shall be in writing, and:

(a) if sent to any Underwriter, shall be mailed, delivered and confirmed in writing, to such Underwriter c/o B. Riley Securities, Inc., 299 Park Avenue, 21st Floor, New York, New York 10171, Attention: General Counsel, Email: aforman@brileyfin.com, with a copy to Underwriter's Counsel at The NBD Group, Inc., 350 N. Glendale Avenue, Ste B522, Glendale, CA 91206, Attention: Sara L. Terheggen, Email: st@nbdpro.com;

(b) if sent to the Company, shall be mailed, delivered and confirmed in writing to the Company at 33, Boulevard Prince Henri, L-1724 Luxembourg, Grand Duchy of Luxembourg, Attention: Corporate Secretary, Email: contractsteam@altisource.com with a copy to its counsel at Paul Hastings LLP, 100 Bishopsgate, London EC2N 4AG, United Kingdom, Attention: Max Kirchner and Will Burns, Email: maxkirchner@paulhastings.com; willburns@paulhastings.com;

provided, however, that any notice to an Underwriter pursuant to Section 8 shall be delivered or sent by mail or facsimile transmission to such Underwriter at its address set forth in its acceptance facsimile to the Representative, which address will be supplied to any other party hereto by the Representative upon request. Any such notices and other communications shall take effect at the time of receipt thereof.

16. Parties. This Agreement shall insure solely to the benefit of, and shall be binding upon, the Underwriters and the Company and the controlling persons, affiliates, directors, officers, employees and agents referred to in Section 8 and Section 9 hereof, and their respective successors and assigns, and no other person shall have or be construed to have any legal or equitable right, remedy or claim under or in respect of or by virtue of this Agreement or

any provision herein contained. This Agreement and all conditions and provisions hereof are intended to be for the sole and exclusive benefit of the parties hereto and said controlling persons and their respective successors, officers, directors, heirs and legal representatives, and it is not for the benefit of any other person, firm or corporation. The term “successors and assigns” shall not include a purchaser, in its capacity as such, of Shares from any of the Underwriters.

17. Governing Law and Jurisdiction; Waiver of Jury Trial.

(a) THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO THE PRINCIPLES OF CONFLICTS OF LAWS. SPECIFIED TIMES OF DAY REFER TO NEW YORK CITY TIME. EACH PARTY HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.

(b) This Agreement shall be governed by and construed in accordance with the internal laws of the State of New York applicable to agreements made and to be performed in such state. Any legal suit, action or proceeding arising out of or based upon this Agreement or the transactions contemplated hereby (“**Related Proceedings**”) may be instituted in the federal courts of the United States of America located in the Borough of Manhattan in the City of New York or the courts of the State of New York in each case located in the Borough of Manhattan in the City of New York (collectively, the “**Specified Courts**”), and each party irrevocably submits to the exclusive jurisdiction (except for proceedings instituted in regard to the enforcement of a judgment of any such court (a “**Related Judgment**”), as to which such jurisdiction is non-exclusive) of such courts in any such suit, action or proceeding. Service of any process, summons, notice or document by mail to such party’s address set forth above shall be effective service of process for any suit, action or other proceeding brought in any such court. The parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or other proceeding in the Specified Courts and irrevocably and unconditionally waive and agree not to plead or claim in any such court that any such suit, action or other proceeding brought in any such court has been brought in an inconvenient forum. The Company and the Underwriters acknowledge and agree that service of process in any Related Proceeding may be given to or served upon it and shall be valid and effective if delivered by DHL Express or other courier service, with electronic proof of delivery to its address on the first page of this Agreement, to the attention of its signatory to this Agreement, with a copy to its General Counsel at the same address. With respect to any Related Proceeding, each party irrevocably waives, to the fullest extent permitted by applicable law, all immunity (whether on the basis of sovereignty or otherwise) from jurisdiction, service of process, attachment (both before and after judgment) and execution to which it might otherwise be entitled in the Specified Courts, and with respect to any Related Judgment, each party waives any such immunity in the Specified Courts or any other court of competent jurisdiction, and will not raise or claim or cause to be pleaded any such immunity at or in respect of any such Related Proceeding or Related Judgment, including, without limitation, any immunity pursuant to the United States Foreign Sovereign Immunities Act of 1976, as amended.

18. The parties acknowledge and agree that, for purposes of Sections 1(c), 1(d), 1(e) and 8 hereof, the information provided by or on behalf of any Underwriter consists solely of the material included in the following: (i) under the caption “Commissions and Discounts; Expenses” in the “Underwriting” section of the Prospectus, the selling and concession figure in the first sentence of the first paragraph and (ii) under the caption “Price Stabilization and Short Positions” in the “Underwriting” section of the Prospectus, the second sentence of the first paragraph and the second and third paragraphs.

19. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such counterparts shall together constitute one and the same instrument. Delivery of a signed counterpart of this Agreement by facsimile or other electronic transmission shall constitute valid and sufficient delivery thereof.

20. Headings. The headings herein are inserted for convenience of reference only and are not intended to be part of, or to affect the meaning or interpretation of, this Agreement.

21. Time is of the Essence. Time shall be of the essence of this Agreement. As used herein, the term “**business day**” shall mean any day when the Commission’s office in Washington, D.C. is open for business.

[signature page follows]

If the foregoing correctly sets forth your understanding, please so indicate in the space provided below for that purpose, whereupon this letter shall constitute a binding agreement among us.

Very truly yours,

ALTISOURCE PORTFOLIO SOLUTIONS
S.A.

By: William B. Shepro
Name: William B. Shepro
Title: Chairman and Chief Executive Officer

Accepted as of the date first above written

B. RILEY SECURITIES, INC.

By: _____
Name: Jimmy Baker
Title: Head of Capital Markets

On behalf of itself and the other
Underwriters named in Schedule I hereto.

[Signature Page to Underwriting Agreement]

If the foregoing correctly sets forth your understanding, please so indicate in the space provided below for that purpose, whereupon this letter shall constitute a binding agreement among us.

Very truly yours,

**ALTISOURCE PORTFOLIO SOLUTIONS
S.A.**

By: _____
Name:
Title:

Accepted as of the date first above written

B. RILEY SECURITIES, INC.


By: _____
Name: Jimmy Baker
Title: Head of Capital Markets

On behalf of itself and the other
Underwriters named in Schedule I hereto.

[Signature Page to Underwriting Agreement]

SCHEDULE I

<u>Underwriter</u>	<u>Total Number of Firm Shares to be Purchased</u>	<u>Number of Additional Shares to be Purchased if Option is Fully Exercised</u>
B. Riley Securities, Inc.	4,861,111	729,166

SCHEDULE II

Issuer Free Writing Prospectuses included in the Pricing Disclosure Package

None.

SCHEDULE III

1. The Company is selling 4,861,111 shares of Common Stock.
 2. The Company has granted an option to the Underwriters, severally and not jointly, to purchase up to an additional 729,166 shares of Common Stock.
 3. The public offering price per share of Common Stock shall be \$3.60.
 4. The underwriting discount is \$0.216 per share.
 5. The maximum expected proceeds to the Company (before underwriting discounts and expenses) is approximately \$20,124,997 (assuming sale of Option Shares in full).
-

SCHEDULE IV

Stockholders executing Lock-Up Agreements

- John G. Aldridge, Jr.
 - William C. Erbey and affiliated entities, including Salt Pond Holdings, LLC
 - Deer Park Road Management Company, LP
 - Michelle D. Esterman
 - Mary C. Hickok
 - Joseph L. Morettini
 - Roland Müller-Ineichen
 - Gregory J. Ritts
 - William B. Shepro
-

EXHIBIT A

List of Subsidiaries

Name	Jurisdiction of incorporation or organization
Absotech Solutions Private Limited	India
Altisource Asia Holdings Ltd. I	Mauritius
Altisource Business Solutions Private Limited	India
Altisource Business Solutions S.à r.l.	Luxembourg
Altisource Fulfillment Operations, Inc.	Delaware
Altisource Holdings, LLC	Delaware
Altisource Mortgage Solutions S.à r.l.	Luxembourg
Altisource Online Auction, Inc.	Delaware
Altisource Outsourcing Solutions S.R.L.	Uruguay
Altisource Portfolio Solutions, Inc.	Delaware
Altisource Real Estate Web Portal S.à r.l.	Luxembourg
Altisource S.à r.l.	Luxembourg
Altisource Solutions, Inc.	Delaware
Altisource Technology Solutions S.à r.l.	Luxembourg
Altisource US Data, Inc.	Delaware
Association of Certified Mortgage Originators Risk Retention Group, Inc.	Nevada
Association of Certified Originators	Nevada
Beltline Road Insurance Agency, Inc.	Texas
Best Partners Mortgage Cooperative, Inc.*	Delaware
CastleLine Re, Inc.	Nevada
CastleLine Risk and Insurance Services, LLC	Nevada
Coolsol Solutions Private Limited	India
Correspondent One, LLC	Delaware
Equator, LLC	California
MPA Valuations, LLC	Missouri
Power Default Services, Inc.	Delaware
Premium Title Agency, Inc.	Delaware
Premium Title Insurance Agency - UT, Inc.	Utah
Premium Title of California, Inc.	California

Name	Jurisdiction of incorporation or organization
Premium Title Services - FL, Inc.	Delaware
Premium Title Services - IL, Inc.	Delaware
Premium Title Services - Indiana, Inc.	Delaware
Premium Title Services - MD, Inc.	Delaware
Premium Title Services - MN, Inc.	Delaware
Premium Title Services - MO, Inc.	Delaware
Premium Title Services - NY, Inc.	Delaware
Premium Title Services - VA, Inc.	Delaware
Premium Title Services, Inc.	Florida
PTS - Escrow, Inc.	Delaware
PTS - Texas Title, Inc.	Delaware
REALHome Services and Solutions - CT, Inc.	Connecticut
REALHome Services and Solutions, Inc.	Florida
Springhouse, LLC	Missouri
The Mortgage Partnership of America, L.L.C.	Missouri
Western Progressive - Arizona, Inc.	Delaware
Western Progressive – Mississippi, Inc.	Delaware
Western Progressive – Missouri, Inc.	Missouri
Western Progressive - Nevada, Inc.	Delaware
Western Progressive - Tennessee, Inc.	Tennessee
Western Progressive - Utah, Inc.	Utah
Western Progressive - Washington, Inc.	Washington
Western Progressive Trustee, LLC	Delaware
Western Progressive Virginia, Inc.	Virginia

EXHIBIT B

Form of Lock-Up Agreement

September _____, 2023

B. Riley Securities, Inc.

As Representative of the several

Underwriters listed on Schedule I of the Underwriting Agreement

299 Park Avenue, 21st Floor

New York, New York 10171

Altisource Portfolio Solutions S.A. Lock-Up Agreement

Ladies and Gentlemen:

This letter agreement (this “**Agreement**”) relates to the proposed public offering (the “**Offering**”) by Altisource Portfolio Solutions S.A., a public limited liability company organized under the laws of the Grand Duchy of Luxembourg (the “**Company**”), of its common stock, \$1.00 par value (the “**Stock**”) pursuant to an Underwriting Agreement to be entered into between the Company and B. Riley Securities, Inc. (the “**Representative**”) as the representative of the several underwriters (the “**Underwriting Agreement**”).

In order to induce you and the other Underwriters to underwrite the Offering, the undersigned hereby agrees that, without the prior written consent of the Representative, during the period from the date hereof until 90 days from the date of the final prospectus supplement for the Offering (the “**Lock-Up Period**”), the undersigned (i) will not, directly or indirectly, offer, sell, agree to offer or sell, solicit offers to purchase, grant any call option or purchase any put option with respect to, pledge, hypothecate, borrow or otherwise transfer or dispose of, any Relevant Security (as defined below), (ii) will not establish or increase any “put equivalent position” or liquidate or decrease any “call equivalent position” (in each case within the meaning of Section 16 of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), and the rules and regulations promulgated thereunder) with respect to any Relevant Security, or otherwise enter into any swap, derivative or other transaction or arrangement that transfers to another, in whole or in part, any economic consequence of ownership of a Relevant Security, whether or not such transaction is to be settled by delivery of Relevant Securities, other securities, cash or other consideration, (iii) make any demand for, or exercise any right with respect to, the registration under the Securities Act of the offer and sale of any Relevant Security, or cause to be filed a registration statement, prospectus or prospectus supplement (or an amendment or supplement thereto) with respect to any such registration or (iv) publicly announce any intention to do any of the foregoing. As used herein “**Relevant Security**” means the Stock and any security convertible into, or exercisable or exchangeable for, any Stock, whether now owned or hereafter acquired by the undersigned or with respect to which the undersigned has or hereafter acquires the power of disposition.

The foregoing restrictions in this Agreement shall not apply to:

- a) the transfer of Relevant Securities (i) as a bona fide gift or gifts, (ii) by will, other testamentary document or intestate succession, (iii) to a Family Member (as defined below), (iv) to a trust for the direct or indirect benefit of the undersigned and/or one or more Family Members, (v) pursuant to a domestic order, divorce settlement, divorce decree, separation agreement or pursuant to an order of a court of competent jurisdiction enforcing such agreement, (vi) to a charitable trust, or (vii) to a corporation, limited liability company or partnership wholly owned by the undersigned and/or one or more Family Members;
- b) transactions relating to Relevant Securities acquired in open market transactions after the closing of the Offering; or
- c) any transfer of Relevant Securities pursuant to a bona fide third-party tender offer, merger, consolidation or other similar transaction that is approved by the board of directors of the Company, made to all holders of the Company's Stock involving a Change of Control (as defined below) (including any support or voting agreement entered into in connection therewith), *provided* that in the event that the tender offer, merger, consolidation or other such transaction is not completed, the Relevant Securities of the undersigned shall remain subject to the restrictions contained in this Agreement.

It shall be a further condition to any transfer or distribution pursuant to the preceding clauses (a) and (b) that no public disclosure or filing by any party (donor, donee, transferor or transferee) under the Exchange Act, or other public announcement shall be required or shall be made voluntarily in connection with such transfer or distribution (other than a filing on Form 5 made after the expiration of the Lock-Up Period).

It shall be a condition to any transfer or distribution pursuant to the preceding clause (a) that (x) any such transfer shall not involve a disposition for value and (y) each resulting transferee or donee of Relevant Securities executes and delivers to you an agreement satisfactory to you in which such transferee agrees to be bound by the terms of this Agreement for the remainder of the Lock-Up Period. For purposes of clause (c) above, "Change of Control" shall mean any bona fide third-party tender offer, merger, amalgamation, consolidation or other similar transaction the result of which would be that any "person" (as defined in Section 13(d)(3) of the Exchange Act), or group of persons, other than the Company, becomes the beneficial owner (as defined in Rules 13d-3 and 13d-5 of the Exchange Act) of more than 50% of the total voting power of the voting stock of the Company.

For purposes of this Agreement, the term "**Family Member**" shall mean any relationship by blood, domestic partnership, marriage or adoption not more remote than first cousin.

In addition, the restrictions described in this Agreement shall not apply to the establishment of a trading plan pursuant to Rule 10b5-1 under the Exchange Act, provided that no transfers occur under such plan during the Lock-Up Period and no public announcement or filing shall be required or voluntarily made by any person in connection therewith other than

general disclosure in Company periodic reports to the effect that Company directors and officers may enter into such trading plans from time to time.

The undersigned hereby authorizes the Company during the Lock-Up Period to cause any transfer agent for the Relevant Securities to decline to transfer, and to note stop transfer restrictions on the stock register and other records relating to, Relevant Securities for which the undersigned is the record holder and, in the case of Relevant Securities for which the undersigned is the beneficial but not the record holder, agrees during the Lock-Up Period to cause the record holder to cause the relevant transfer agent to decline to transfer, and to note stop transfer restrictions on the stock register and other records relating to, such Relevant Securities. The undersigned hereby further agrees that, without the prior written consent of the Representative, during the Lock-Up Period the undersigned (x) will not file or participate in the filing with the Securities and Exchange Commission of any registration statement, or circulate or participate in the circulation of any preliminary or final prospectus or prospectus supplement or other disclosure document with respect to any proposed offering or sale of a Relevant Security and (y) will not exercise any rights the undersigned may have to require registration with the Securities and Exchange Commission of any proposed offering or sale of a Relevant Security.

It is understood that, if (i) the Company notifies the Underwriters that it does not intend to proceed with the Offering, (ii) the Underwriting Agreement does not become effective, (iii) the Underwriting Agreement (other than the provisions thereof which survive termination) shall terminate or be terminated prior to payment for and delivery of the Stock, or (iv) the execution of the Underwriting Agreement has not occurred on or prior to September 21, 2023, the undersigned will be released from its obligations under this Agreement.

The undersigned understands that the Company and the Underwriters will proceed with the Offering in reliance on this Agreement.

Whether or not the Offering actually occurs depends on a number of factors, including market conditions. Any Offering will only be made pursuant to the Underwriting Agreement, the terms of which are subject to negotiation between the Company and the Underwriters.

The undersigned hereby represents and warrants that the undersigned has full power and authority to enter into this Agreement and that this Agreement constitutes the legal, valid and binding obligation of the undersigned, enforceable in accordance with its terms. Upon request, the undersigned will execute any additional documents necessary in connection with enforcement hereof. Any obligations of the undersigned shall be binding upon the successors and assigns of the undersigned from the date first above written.

This Agreement shall be governed by and construed in accordance with the laws of the State of New York. Delivery of a signed copy of this letter by facsimile transmission shall be effective as delivery of the original hereof.

[Signature page follows.]

Very truly yours,

By: _____

Print Name: _____

2, rue Jean Bertholet
L - 1233 Luxembourg
T +352 26 12 29 1
F +352 26 68 43 31

Luxembourg, 7 September 2023

To Altisource Portfolio Solutions S.A.,
33, Boulevard Prince Henri,
L-1724 Luxembourg
(the "Company")

Ladies and Gentlemen,

Altisource Portfolio Solutions S.A. – Form 8-K

We have acted as special Luxembourg legal counsel in Luxembourg to Altisource Portfolio Solutions S.A., a public limited liability company (société anonyme), incorporated under the laws of Luxembourg, having its registered office at 33, boulevard Prince Henri, L-1724 Luxembourg, and registered with the Companies Register (Registre de Commerce et des Sociétés) under number B72391, in connection with the Form 8-K and the filing thereof with the SEC. This opinion letter is rendered to you in order to be filed with the SEC as an exhibit to the Form 8-K in connection with:

- an offering sale of the Company's common stock, with a par value of USD 1 each (the "Shares"), in one or more offerings, up to a total USD amount of approximately USD 20,219,473 (the "Public Offering");
- a prospectus dated 4 January 2023 which covers the offering, issuance and sale by the Company of the Company's Shares (the "Prospectus");
- and a preliminary prospectus supplement dated 7 September 2023 (the "Preliminary Prospectus" and together with the Prospectus, the "Prospectus").

Capitalised terms used in this opinion letter have the meanings set forth in Exhibit A. Section headings used in this opinion letter are for ease of reference only and are not to affect its construction or be taken into consideration in its interpretation.

NautaDutilh Avocats Luxembourg S.à r.l. shall not be held liable for any damage relating to the communication of data or documents. NautaDutilh Avocats Luxembourg S.à r.l. is incorporated as a société à responsabilité limitée (private limited liability company) in Luxembourg, with registered office at 2, rue Jean Bertholet L-1233 Luxembourg and registered with the Luxembourg Trade and Companies Register under number B 189905, with a share capital of EUR 12,500 and registered with the Luxembourg bar on List V. All services rendered by NautaDutilh Avocats Luxembourg S.à r.l. are subject to the general terms and conditions of NautaDutilh Avocats Luxembourg S.à r.l., which include, amongst other provisions, a limitation of liability clause and can be consulted at www.nautadutilh.com (under "General Conditions") and will be provided free of charge upon request.

We have taken instructions solely from the Company.

This opinion letter is strictly limited to the legal matters stated in it only in relation to the Form 8-K and the Prospectus and may not be read as extending by implication to any legal matters not specifically referred to in it. Nothing in this opinion letter should be taken as expressing an opinion in respect of any representations or warranties, or other information, contained in any document.

This opinion letter may be filed as an exhibit to the Form 8-K and we also consent to the reference to NautaDutilh in the Form 8-K under the caption "Legal Matters".

It does not purport to address all matters of Luxembourg law that may be of relevance to the Company with respect to the Form 8-K and the Prospectus.

In rendering the opinions expressed herein, we have exclusively reviewed the Corporate Documents and the Public Records, and we have assumed that the Corporate Documents reflect the reality of the transactions contemplated thereby. We have not investigated or verified any factual matter, whether or not disclosed to us, in the course of our review, and we assume that any such matter is accurate, complete and up-to-date as of the date hereof.

This opinion letter sets out our opinion on certain matters of the laws with general applicability in Luxembourg as at the date hereof and as presently interpreted under published authoritative case law of Luxembourg courts, the General Court and the Court of Justice of the European Union. The opinions and statements expressed in this opinion letter are limited in all respects to and are to be construed and interpreted in accordance with Luxembourg law. We do not express any opinion on (i) any taxation matters or taxation consequences relating to the Form 8-K or any other tax matters, (ii) regulatory compliance with any licensing requirements (in particular under the Financial Sector Act or the Business Licences Act), or (iii) securitization law. We do not undertake to revise, update or amend this opinion letter in connection with or to notify or inform of, any developments and/or changes under Luxembourg law subsequent to the date hereof.

This opinion letter may only be relied upon and our willingness to render this opinion letter is subject to the condition that the Company accepts that any legal relationship arising out of or in connection with this opinion letter (whether contractual or non-contractual), including the below submission to jurisdiction, is governed by Luxembourg law and that any issues of interpretation or liability arising out of or in connection with this opinion letter are submitted to the exclusive jurisdiction of the competent courts of Luxembourg-City, Luxembourg. No person other than NautaDutilh Avocats Luxembourg S.à r.l. may be held liable in connection with this opinion letter.

In this opinion letter, legal concepts are expressed in English terms and not in their French or German terms. Luxembourg legal concepts concerned may not be identical in meaning to the concepts described by the English terms as they exist under the law of other jurisdictions. There are always irreconcilable linguistic differences between legal terms or concepts in different jurisdictions. In the event of a conflict or inconsistency, the relevant expression shall be deemed to refer only to the Luxembourg legal concepts described by the same English terms. We accept no liability for such conflicts or inconsistencies.

Assumptions

For the purposes of this opinion letter, we have assumed that:

- a. all documents reviewed by us as execution versions of documents or as fax, photo or electronic copies of originals are in conformity with the executed originals thereof and such originals are complete and authentic;
- b. the Company is not subject to, nor does it meet the criteria to be subject to, any proceedings for general settlement or composition with creditors (concordat préventif de faillite), controlled management (gestion contrôlée) or moratorium or reprieve from payment (sursis de paiement) or any of the out-of court or in-court reorganization procedures as provided for in the Law of 7 August 2023 on business preservation and modernization of bankruptcy, which aims to modernize Luxembourg's insolvency laws, implementing the EU Directive 2019/1023 of the European Parliament and of the Council of 20 June 2019 on preventive restructuring frameworks (the "Business Preservation and Insolvency Modernization Act" or "BPIM Act") and has not been or is not adjudicated bankrupt or been made subject to any other insolvency proceedings (including without limitation administrative dissolution without liquidation proceedings (procédure de dissolution administrative sans liquidation)) under any applicable law or otherwise been limited in its rights to dispose of its assets;
- c. the place of central administration (siège de l'administration centrale), the place of effective management (siège de direction effective) and (for the purposes of the Recast Insolvency Regulation) the centre of main interests (centre des intérêts principaux) of the Company are located at the place of its registered office (siège statutaire) in Luxembourg and the Company has no establishment (within the meaning of the Recast Insolvency Regulation) outside Luxembourg;
- d. the Articles of Association, and the Public Records of the Company are each true, complete and up-to-date as at the date hereof and at each

Relevant Moment and such information has not been materially altered since;

- e. the authorized share capital (“capital autorisé”) as laid down in art.6 of the Articles of association allows for the issue of the Shares (other than the shares held as treasury shares) on the date of this opinion letter; and no internal regulations have been adopted by the Company’s shareholders or board of directors, or any committee which would affect the Resolutions or the Articles of Association, and will be in force at each relevant Moment,
- f. at each Relevant Moment, the Resolutions (as defined in Exhibit B hereto) are and will be in full force and effect and have not been and will not be amended, revoked or declared null and void, and correctly reflect the resolutions taken by the persons authorized to do so, and the factual statements made and the confirmations given in the Resolutions are and will be complete, correct and up-to-date;
- g. none of the directors (administrateurs) of the Company had a conflict of interest regarding the matters covered by the Resolutions and none of them has had a conflict of interest with respect thereto since;
- h. all factual matters and statements relied upon or assumed in this opinion letter are and were true and complete on the date of filing of the Form 8-K (and any document in connection therewith) and the date of this opinion letter;
- i. no provision of law (other than Luxembourg law) would at each Relevant Moment adversely affect or have any negative impact on the opinions we express in this opinion letter;
- j. at each Relevant Moment, each of the assumptions, made in this opinion letter will be true and correct in all aspects by reference to the facts and circumstances then existing.

Opinions

Based upon the foregoing and subject to the qualifications set forth herein and to any matters, documents or events not disclosed to us, we express the following opinions:

Corporate Status

1. The Company is validly existing as a public limited liability company (société anonyme) under the laws of Luxembourg.

Shares

2. Following effectiveness of the Form 8-K, and subject to receipt by the Company of payment in full for the Shares or Offered Shares, as the case may be, as provided for in the Resolutions, and when issued, transferred or allotted, as the case may be and accepted in accordance with the Resolutions, the Articles of Association and the laws of Luxembourg, the Shares will be validly issued or allotted, transferred, subscribed for, fully paid up and non-assessable.

Qualifications

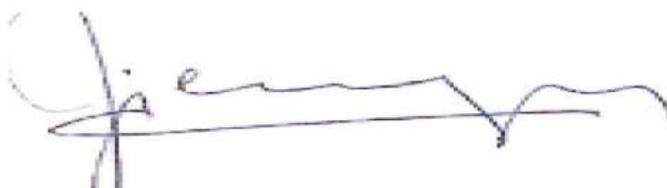
The opinions expressed above are subject to the following qualifications:

- A. As Luxembourg lawyers we are not qualified or able to assess the true meaning and purport of the terms of the Form 8-K under the applicable law and we have made no investigation of such meaning and purport. Our review of the Form 8-K and the Prospectus and of any other documents subject or expressed to be subject to any law other than Luxembourg law has therefore been limited to the terms of such documents as they appear to us on their face.
- B. Corporate documents (including but not limited to a notice of a winding-up order or resolution, notice of the appointment of a receiver, administrator, or administrative receiver) may not be held immediately at the Companies Register or are not subject to be deposited/held at the Companies Register and there may also be a delay in the relevant document to be deposited with the Companies Register or appearing on the file of the Company with the Companies Register, which may therefore be incomplete and/or inaccurate, and the Extract, and the Negative Certificate may not constitute conclusive evidence of the facts reflected therein.
- C. An enquiry with the Companies Register is not capable of conclusively revealing whether or not a winding-up petition or a petition for the making of an administration or bankruptcy order or similar action has been presented or is threatened to be presented; therefore, any reliance on the Negative Certificate should be made with regard to the functionality of the Companies Register.
- D. Any activity by the Company contrary to criminal law as well as any serious violation (contravention grave) by the Company of the provisions of the Luxembourg Commercial Code, of the laws governing commercial companies (including without limitation with respect to any business licence requirement) and of the Financial Sector Act may lead to the liquidation and winding-up of the Company. The assessment of whether

any violation of said requirements is serious, is left to the discretion of the courts. For the purpose of this opinion letter, we have not verified whether or not the Company has complied with all requirements of Luxembourg law applicable to the domiciliation of companies.

- E. The term "non-assessable" has no equivalent in the Luxembourg language and for purposes of this opinion letter such term should be interpreted to mean that a holder of a share will not by reason of merely being such a holder be subject to assessment or calls by the Company or its creditors for further payment on such share.
- F. We express no opinion or view on the operational rules and procedures of any clearing or settlement system or agency.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Greet Wilkenhuysen', written over a horizontal line.

NautaDutilh Avocats Luxembourg S.à r.l.
Authorized Signatory:
Margaretha (Greet) Wilkenhuysen

EXHIBIT A
LIST OF DEFINITIONS

"Articles of Association"	has the meaning attributed thereto in Exhibit B
"Business Licences Act"	the Luxembourg Act of 2 September 2011 regulating access to the professions of craftsman, trader, industrialist as well as certain liberal professions, as amended
"Companies Register"	the Luxembourg Register of Commerce and Companies (R.C.S. Luxembourg)
"Company"	Altisource Portfolio Solutions S.A., a public limited liability company (société anonyme) incorporated under the laws of Luxembourg, having its registered office at 33, Boulevard Prince Henri, L-1724 Luxembourg, and registered with the Companies Register (Registre de Commerce et des Sociétés) under number B72391
"Corporate Documents"	has the meaning attributed thereto in Exhibit B
"Extract"	has the meaning attributed thereto in Exhibit B
"Financial Sector Act"	the Luxembourg Act of 5 April 1993 regarding the financial sector, as amended
" Form 8-K "	The Company's registration Form 8-K filed or to be filed with the SEC on or about the date of this opinion letter
"Luxembourg"	the Grand Duchy of Luxembourg
"Luxembourg Commercial Code"	the Luxembourg Commercial Code (Code de Commerce)
"NautaDutilh"	NautaDutilh Avocats Luxembourg S.à r.l.

"Negative Certificate"	has the meaning attributed thereto in <u>Exhibit B</u>
"Public Records"	has the meaning attributed thereto in <u>Exhibit B</u>
"Recast Insolvency Regulation"	the Regulation (EU) 2015/848 of the European Parliament and of the Council of 20 May 2015 on insolvency proceedings (recast), as amended by Regulation (EU) 2021/2260 of the European Parliament and of the Council of 15 December 2021
"Relevant Moment"	each time when Shares were, or will be, issued, transferred or allotted, as the case may be
"RESA"	the Luxembourg Electronic Register of Companies and Associations (Recueil Electronique des Sociétés et Associations)
"Resolutions"	has the meaning attributed thereto in <u>Exhibit B</u>
"S-3 Registration Statement"	The Company's registration statement Form S-3 filed with the SEC on 12 December 2022
"SEC"	the United States Securities and Exchange Commission
"Shares"	up to 3,224,796 shares of the Company's common stock, with a par value of one United States Dollar per share transferred, allotted or issued pursuant to the Resolutions by the Company and registered for resale pursuant to the S-3 Registration Statement

EXHIBIT B
LIST OF CORPORATE DOCUMENTS
AND PUBLIC RECORDS

List of corporate documents and public records of Altisource Portfolio Solutions S.A.:

1. an electronic copy of the (restated) articles of association of the Company dated 17 May 2022 (the "Articles of Association");
2. an electronic copy of (a) the resolutions of the board of directors (administrateurs) of the Company dated 29 August 2023 ("Board Resolutions") and (b) the resolutions of the pricing committee dated 7 September 2023 (the "Pricing Committee Resolutions" and together with the Board Resolutions, the "Resolutions");
3. an electronic copy of a certificate of non-registration of judgments, or administrative dissolution without liquidation, issued by the Companies Register for the Issuer on 7 September 2023 and reflecting the situation of 6 September 2023, and stating that the Company has not been declared bankrupt (en faillite) has not been subject to administrative dissolution without liquidation proceedings (procédure de dissolution administrative sans liquidation) and that it has not applied for general settlement or composition with creditors (concordat préventif de faillite), controlled management (gestion contrôlée) or reprieve from payment (sursis de paiement) or such other proceedings listed in Article 13, items 4 to 12, 16 and 17 and Article 14 of the Companies Register Act (the "Negative Certificate"); and
4. an electronic copy of a register extract for the Company issued by the Companies Register dated 7 September 2023 (the "Extract").

The Articles of Association and the Resolutions are collectively referred to as the "Corporate Documents".

The Negative Certificate and the Extract are collectively referred to as the "Public Records".



FOR IMMEDIATE RELEASE

FOR FURTHER INFORMATION CONTACT:

Michelle D. Esterman
Chief Financial Officer
T: (770) 612-7007
E: Michelle.Esterman@altisource.com

ALTISOURCE ANNOUNCES PRICING OF \$17.5 MILLION PUBLIC OFFERING OF COMMON STOCK

Luxembourg, September 8, 2023 - Altisource Portfolio Solutions S.A. (“Altisource” or the “Company”) (NASDAQ: ASPSP), a leading provider and marketplace for the real estate and mortgage industries, today announced the pricing of an underwritten public offering of 4,861,111 shares of its common stock at a price to the public of \$3.60 per share. The gross proceeds of the offering to Altisource are expected to be approximately \$17.5 million, before deducting the underwriting discounts and commissions and other estimated offering expenses. In addition, the Company granted the underwriters a thirty-day option to purchase up to an additional 729,166 shares of common stock at the public offering price, less underwriting discounts and commissions. All of the shares of common stock in the offering are being sold by Altisource.

B. Riley Securities is acting as the sole book-running manager for the offering.

Altisource intends to use the net proceeds from the offering for general corporate purposes, including repayment of \$10 million of indebtedness under its credit agreement. The offering is expected to close on or about September 12, 2023, subject to the satisfaction of customary closing conditions.

The securities described above are being offered by the Company pursuant to an effective shelf registration statement on Form S-3 (File No. 333-268761) initially filed with the Securities and Exchange Commission (“SEC”) on December 12, 2022 and declared effective by the SEC on January 4, 2023. The securities may be offered by means of a prospectus. A final prospectus supplement and the accompanying prospectus relating to and describing the offering will be filed with the SEC. Electronic copies of the final prospectus supplement and the accompanying prospectus may be obtained by visiting the SEC’s website at www.sec.gov or by contacting B. Riley Securities, 1300 17th Street North, Suite 1300, Arlington, VA 22209 or by telephone at (703) 312-9580 or by email at prospectuses@brileyfin.com.

Disclaimer

This press release does not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

Forward-Looking Statements

This press release contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements include all statements that are not historical fact, including statements that relate to, among other things, future events or our future performance or financial condition. These statements may be identified by words such as “anticipate,” “intend,” “expect,” “may,” “could,” “should,” “would,” “plan,” “estimate,” “seek,” “believe,” “potential” or “continue” or the negative of these terms and comparable terminology. Such statements are based on expectations as to the future and are not statements of historical fact. Furthermore, forward-looking statements are not guarantees of future performance and involve a number of assumptions, risks and uncertainties that could cause actual results to differ materially. Important factors that could cause actual results to differ materially from those suggested by the forward-looking statements include, but are not limited to, the risks discussed in Item 1A of Part I “Risk Factors” in our Form 10-K filing with the Securities and Exchange Commission, as the same may be updated from time to time in our Form 10-Q filings. We caution you not to place undue reliance on these forward-looking statements which reflect our view only as of the date of this report. We are under no obligation (and expressly disclaim any obligation) to update or alter any forward-looking statements contained herein to reflect any change in our

expectations with regard thereto or change in events, conditions or circumstances on which any such statement is based. The risks and uncertainties to which forward-looking statements are subject include, but are not limited to, risks related to the COVID-19 pandemic, customer concentration, the timing of the anticipated increase in default related referrals following the expiration of foreclosure and eviction moratoriums and forbearance programs, the timing of the expiration of such moratoriums and programs, and any other delays occasioned by government, investor or servicer actions, the use and success of our products and services, our ability to retain existing customers and attract new customers and the potential for expansion or changes in our customer relationships, technology disruptions, our compliance with applicable data requirements, our use of third party vendors and contractors, our ability to effectively manage potential conflicts of interest, macro-economic and industry specific conditions, our ability to effectively manage our regulatory and contractual obligations, the adequacy of our financial resources, including our sources of liquidity and ability to repay borrowings and comply with our credit agreements, including the financial and other covenants contained therein, as well as Altisource's ability to retain key executives or employees, behavior of customers, suppliers and/or competitors, technological developments, governmental regulations, taxes and policies. The financial projections and scenarios contained in this press release are expressly qualified as forward-looking statements and, as with other forward-looking statements, should not be unduly relied upon. We undertake no obligation to update these statements, scenarios and projections as a result of a change in circumstances, new information or future events.

About Altisource

Altisource Portfolio Solutions S.A. is an integrated service provider and marketplace for the real estate and mortgage industries. Combining operational excellence with a suite of innovative services and technologies, Altisource helps solve the demands of the ever-changing markets we serve. Additional information is available at www.altisource.com.