

PROSPECTUS SUPPLEMENT
(To Prospectus dated May 14, 2020)



Creative Realities, Inc.

800,000 Shares of Common Stock

We are offering 800,000 shares of our common stock at a purchase price of \$2.50 per share to an institutional investor pursuant to this prospectus supplement and the accompanying prospectus. Our common stock is listed on The NASDAQ Capital Market under the symbol "CREX." On February 17, 2021, the last reported sale price of our common stock was \$2.98, as quoted on The NASDAQ Capital Market on February 17, 2021.

As of February 17, 2021, the aggregate market value of our outstanding common stock held by non-affiliates was \$17,202,556.60, based on 5,772,670 shares of outstanding common stock held by non-affiliates, at a price of \$2.98 per share, which was the last reported sales price of our common stock as quoted on the NASDAQ Capital Market on February 17, 2021.

Pursuant to General Instruction I.B.6 of Form S-3, in no event during the period of twelve calendar months immediately prior to, and including, the sales under this prospectus supplement, will we sell our common stock in a public primary offering with a value exceeding more than one-third of the aggregate market value of the common stock held by non-affiliates so long as our public float remains below \$75 million. We have registered the offer and sale of up to \$3,700,000.00 million worth of our common stock pursuant to our "at-the-market" offering program that commenced on June 19, 2020. Through the date of this prospectus supplement, we have sold \$1,831,301.98 worth of our common stock under such "at-the-market" offering program. We have not sold any other securities pursuant to General Instruction I.B.6 of Form S-3 during the twelve calendar months prior to and including the date of this prospectus supplement.

Delivery of the securities offered hereby is expected to be made on or about February 22, 2021.

Investing in our common stock involves risks. See "Risk Factors" beginning on page S-3 of this prospectus supplement, page 6 of the accompanying prospectus and under similar headings in the other documents that are incorporated by reference into this prospectus supplement and the accompanying prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this Prospectus Supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

This Prospectus Supplement is dated February 18, 2021

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is this prospectus supplement, which describes the specific terms of this offering and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference into the prospectus. The second part, the accompanying prospectus, gives more general information, some of which does not apply to this offering. You should read this entire prospectus supplement as well as the accompanying prospectus and the documents incorporated by reference that are described under “Where You Can Find More Information” and “Incorporation of Certain Documents by Reference” in this prospectus supplement and the accompanying prospectus.

If the description of the offering varies between this prospectus supplement and the accompanying prospectus, you should rely on the information contained in this prospectus supplement. However, if any statement in one of these documents is inconsistent with a statement in another document having a later date – for example, a document incorporated by reference in this prospectus supplement and the accompanying prospectus – the statement in the document having the later date modifies or supersedes the earlier statement. Except as specifically stated, we are not incorporating by reference any information submitted under any Current Report on Form 8-K into any filing under the Securities Act of 1933, as amended, or the Securities Act, or the Securities Exchange Act of 1934, as amended, or the Exchange Act, into this prospectus supplement or the accompanying prospectus.

Any statement contained in a document incorporated by reference, or deemed to be incorporated by reference, into this prospectus supplement or the accompanying prospectus will be deemed to be modified or superseded for purposes of this prospectus supplement or the accompanying prospectus to the extent that a statement contained herein, therein or in any other subsequently filed document which also is incorporated by reference in this prospectus supplement or the accompanying prospectus modifies or supersedes that statement. Any such statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement or the accompanying prospectus.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in this prospectus supplement and the accompanying prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you unless you are a party to such agreement. Moreover, such representations, warranties or covenants were accurate only as of the date when made or expressly referenced therein. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs unless you are a party to such agreement.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents we have filed with the SEC that are incorporated herein by reference contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Forward-looking statements deal with our current plans, intentions, beliefs and expectations and statements of future economic performance. Statements containing terms such as “believe,” “do not believe,” “plan,” “expect,” “intend,” “estimate,” “anticipate” and other phrases of similar meaning are considered to contain uncertainty and are forward-looking statements. In addition, from time to time we or our representatives have made or will make forward-looking statements orally or in writing. Furthermore, such forward-looking statements may be included in various filings that we make with the SEC, or press releases or oral statements made by or with the approval of one of our authorized executive officers. These forward-looking statements are subject to certain known and unknown risks and uncertainties, as well as assumptions that could cause actual results to differ materially from those reflected in these forward-looking statements. Forward-looking statements may include, but are not limited to, statements about:

- the adequacy of funds for future operations;
- future expenses, revenue and profitability;
- trends affecting financial condition and results of operations;
- ability to convert proposals into customer orders under mutually agreed upon terms and conditions;
- general economic conditions and outlook, including those as a result of the COVID-19 pandemic;
- the ability of customers to pay for products and services received;
- the impact of changing customer requirements upon revenue recognition;
- customer cancellations;
- the availability and terms of additional capital;
- industry trends and the competitive environment;
- the impact of the company’s financial condition upon customer and prospective customer relationships;
- potential litigation and regulatory actions directed toward our industry in general;
- the ultimate control of our management and our Board of Directors by our controlling shareholder, Slipstream Funding, LLC;
- our reliance on certain key personnel in the management of our businesses;
- employee and management turnover;
- the existence of material weaknesses in internal controls over financial reporting;
- the inability to successfully integrate the operations of acquired companies; and
- the fact that our common stock is presently thinly traded in an illiquid market.

In some cases, you can identify forward-looking statements by terms such as “may”, “will”, “should”, “could”, “would”, “expects”, “plans”, “anticipates”, “believes”, “estimates”, “projects”, “predicts”, “potential” “propose,” and similar expressions (or the negative versions of such words or expressions) intended to identify forward-looking statements.

These statements reflect our current views with respect to future events and are based on assumptions and subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. We discuss many of these risks in greater detail under the heading “Risk Factors” in the this prospectus supplement and in the accompanying prospectus, and in our reports filed from time to time under the Securities Act and/or the Exchange Act. We encourage you to read these filings as they are made. Also, these forward-looking statements represent our estimates and assumptions only as of the date of the document containing the applicable statement.

You should read this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements.

PROSPECTUS SUPPLEMENT SUMMARY

The following summary highlights selected information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus. This summary does not contain all of the information you should consider before investing in the securities. Before making an investment decision, you should read the entire prospectus and any supplement hereto carefully, including the risk factors section as well as the financial statements and the notes to the financial statements incorporated herein by reference.

Unless the context requires otherwise or unless otherwise indicated, all references to “Creative Realities,” the “Company,” “we,” “our,” or “us” refer collectively to Creative Realities, Inc.

Company Overview

Creative Realities, Inc. is a Minnesota corporation that provides innovative digital marketing technology and solutions to retail companies, individual retail brands, enterprises and organizations throughout the United States and in certain international markets. The Company has expertise in a broad range of existing and emerging digital marketing technologies, as well as the related media management and distribution software platforms and networks, device management, product management, customized software service layers, systems, experiences, workflows, and integrated solutions. Our technology and solutions include: digital merchandising systems and omni-channel customer engagement systems, interactive digital shopping assistants, advisors and kiosks, and other interactive marketing technologies such as mobile, social media, point-of-sale transactions, beaconing and web-based media that enable our customers to transform how they engage with consumers. We have expertise in a broad range of existing and emerging digital marketing technologies, as well as the following related aspects of our business: content, network management, and connected device software and firmware platforms; customized software service layers; hardware platforms; digital media workflows; and proprietary processes and automation tools. We believe we are one of the world’s leading interactive marketing technology companies that focuses on the retail shopper experience by helping retailers and brands use the latest technologies to create better shopping experiences.

Our main operations are conducted directly through Creative Realities, Inc., and under our wholly owned subsidiaries Allure Global Solutions, Inc., a Georgia corporation, Creative Realities Canada, Inc., a Canadian corporation, and ConeXus World Global, LLC, a Kentucky limited liability company. Our other wholly owned subsidiary Creative Realities, LLC, a Delaware limited liability company, has been effectively dormant since October 2015, the date of the merger with ConeXus World Global, LLC.

Corporate Organization

The legal entity that is the registrant was originally incorporated and organized as a Minnesota corporation under the name Wireless Ronin Technologies, Inc. in March 2003. Our business initially focused on the provision of expertise in digital media marketing solutions to customers, including digital signage, interactive kiosks, mobile, social media and web-based media solutions. We acquired the assets and business of Broadcast International, Inc., a Utah corporation and public registrant, through a merger transaction that was effective as of August 1, 2014. Then on August 20, 2014, we consummated a merger transaction with Creative Realities, LLC, a privately owned Delaware limited liability company, in which we issued a majority of our issued and outstanding shares of common stock. In that merger transaction, we acquired the interactive marketing technology business of Creative Realities that we currently operate. Shortly after that merger, we changed our corporate name from Wireless Ronin Technologies, Inc. to “Creative Realities, Inc.” On October 15, 2015, we acquired the assets and business of ConeXus World Global, LLC, a privately-owned Kentucky limited liability company for which we issued preferred and common stock. In that merger transaction, we acquired the systems integration and marketing technology business of ConeXus World that we currently operate. On May 23, 2016, we dissolved Broadcast International, Inc. On November 20, 2018, we acquired Allure Global Solutions, Inc. (“Allure”), an enterprise software development company.

Our principal offices are located at 13100 Magisterial Drive, Ste 100, Louisville, Kentucky 40223, and our telephone number at that office is (502) 791-8800. We maintain an Internet site at <http://www.cri.com>. Information found on, or accessible through, our website is not a part of, and is not incorporated into, this prospectus supplement and you should not consider it part of this prospectus supplement.

The Offering

Common stock offered by us	800,000 shares
Common stock to be outstanding immediately after the offering	11,743,667 shares
Offering Price	\$2.50 per share
Use of proceeds	We expect the net proceeds from this offering will be approximately \$1.835 million after estimated offering expenses. We intend to use the net proceeds from this offering to fund general corporate purposes, which may include capital expenditures and funding our working capital needs. We expect from time to time to evaluate the acquisition of businesses and technologies for which a portion of the net proceeds may be used, although we currently are not planning or negotiating any such transactions. See “Use of Proceeds” on page S-4 of this prospectus supplement.
Risk factors	Investing in our securities involves significant risks. Please read the information contained in or incorporated by reference under the heading “Risk Factors” beginning on page S-3 of this prospectus supplement, page 6 of the accompanying prospectus and under similar headings in documents incorporated by reference into this prospectus supplement and the accompanying prospectus.
NASDAQ Capital Market symbol	“CREX.”

The number of shares of common stock to be outstanding immediately after the offering is based on 10,943,667 shares of common stock outstanding as of February 17, 2021. The number of shares outstanding as of February 17, 2021 excludes:

- 4,418,566 shares of our common stock reserved for issuance upon the exercise of outstanding warrants at a weighted average exercise price of \$4.61 per share;
- 1,813,809 shares of our common stock reserved for issuance upon the exercise of outstanding stock options at a weighted average exercise price of \$4.71 per share;
- 800,000 shares of our common stock reserved for issuance upon the exercise of outstanding options for which vesting is restricted by performance metrics at a weighted average exercise price of \$2.53; and
- shares of common stock that may be issuable upon conversion of a new series of senior convertible preferred stock of the Company into which the Special Loan may be converted in certain circumstances.

As of February 17, 2021, the total number of our outstanding shares of Common Stock was 10,943,667.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should carefully consider the risks described below and in our Annual Report on Form 10-K for the year ended December 31, 2019, and our Quarterly Report on Form 10-Q for the quarter end March 31, 2020 incorporated by reference in this prospectus supplement and the accompanying prospectus, any amendment or update thereto reflected in our subsequent filings with the SEC, and all of the other information in this prospectus supplement and the accompanying prospectus, including our financial statements and related notes incorporated by reference in this prospectus supplement and the accompanying prospectus. If any of these risks is realized, our business, financial condition, results of operations and prospects could be materially and adversely affected. In that event, the trading price of our common stock could decline and you could lose part or all of your investment.

Risks Relating to this Offering

You may lose all of your investment.

Investing in our common stock involves a high degree of risk. As an investor, you might never recoup all, or even part of, your investment and you may never realize any return on your investment. You must be prepared to lose all your investment.

Purchasers in this offering will experience immediate and substantial dilution in the book value of their investment.

The price per share of common stock sold in this offering is substantially higher than the net tangible book value of our common stock. Therefore, purchasers of our common stock in this offering will experience immediate dilution in the net tangible book value of the common stock purchased in this offering. Based on the sale of 800,000 shares of our common stock in this offering at a purchase price of \$2.50 per share, for aggregate gross proceeds of \$2.0 million, and after deducting estimated offering expenses payable by us, our adjusted net tangible book value as of September 30, 2020 would have been approximately \$(5.4) million, or approximately \$(0.48) per share of our common stock. As a result, purchasers of our common stock in this offering will suffer immediate and substantial dilution of \$2.98 per share with respect to the net tangible book value of the common stock. See “Dilution” in this prospectus supplement for a detailed illustration of the dilution you will incur if you purchase shares in this offering.

We will have broad discretion in how we use the net proceeds of this offering. We may not use these proceeds effectively, which could affect our results of operations and cause our stock price to decline.

We currently intend to use the net proceeds from this offering in the manner described in the section entitled “Use of Proceeds” in this prospectus supplement, and will have considerable discretion in the application of the net proceeds of this offering. We may use the net proceeds for purposes that do not yield a significant return or any return at all for our shareholders. In addition, pending use of the net proceeds from this offering, we may invest them in a manner that does not produce income or that loses value. If we do not invest or apply the net proceeds from this offering in ways that enhance shareholder value, we may fail to achieve expected financial results, which could cause our stock price to decline.

If we raise additional capital in the future, your ownership in us could be diluted.

Any issuance of equity we may undertake in the future to raise additional capital could cause the price of our common stock to decline, or require us to issue shares at a price that is lower than that paid by holders of our common stock in the past, which would result in those newly issued shares being dilutive. If we obtain funds through a credit facility or through the issuance of debt or preferred securities, these securities would likely have rights senior to your rights as a common shareholder, which could impair the value of our common stock.

We have never paid dividends on our capital stock and we do not anticipate paying dividends in the foreseeable future.

We have never paid dividends on any of our capital stock and currently intend to retain any future earnings to fund the growth of our business. Any determination to pay dividends in the future will be at the discretion of our board of directors and will depend on our financial condition, operating results, capital requirements, general business conditions and other factors that our board of directors may deem relevant. As a result, capital appreciation, if any, of our common stock will be the sole source of gain for the foreseeable future.

Sales of a substantial number of shares of our common stock in the public market by certain of our stockholders could cause our stock price to fall.

Sales of a substantial number of shares of our common stock in the public market or the perception that these sales might occur, could depress the market price of our common stock and could impair our ability to raise capital through the sale of additional equity securities. We are unable to predict the effect that sales may have on the prevailing market price of our common stock.

USE OF PROCEEDS

We expect the net proceeds from this offering will be approximately \$1.835 million after estimated offering expenses. We intend to use the net proceeds from this offering to fund general corporate purposes, which may include capital expenditures and funding our working capital needs. We expect from time to time to evaluate the acquisition of businesses and technologies for which a portion of the net proceeds may be used, although we currently are not planning or negotiating any such transactions.

The timing and amount of our actual expenditures will be based on many factors, including cash flows from operations and the anticipated growth of our business. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses for the net proceeds to us from this offering. As a result, our management will have broad discretion regarding the timing and application of the net proceeds from this offering. Pending their ultimate use, we may invest the net proceeds in investment grade interest-bearing securities.

DILUTION

If you purchase our common stock in this offering, your ownership interest will be immediately diluted to the extent of the difference between the purchase price per share and the net tangible book value per share of our common stock immediately after this offering. Net tangible book value per share is determined by dividing the number of shares of common stock outstanding as of September 30, 2020 into our total tangible assets less total liabilities.

Our net tangible book value as of September 30, 2020 was \$(7,275,001), or \$(0.70) per share, based on 10,442,850 shares of our common stock outstanding as of that date. After giving effect to the sale of 800,000 shares of common stock by us at an assumed public offering price of \$2.50 per share, the last reported sale price of our common stock on the Nasdaq Capital Market on February 17, 2021, and after deducting commissions and estimated offering expenses payable by us, our as adjusted net tangible book value as of September 30, 2020 would have been \$(5,440,001), or \$(0.48) per share. This represents an immediate increase in net tangible book value of \$0.21 per share to existing stockholders and immediate dilution of \$2.98 per share to the investor in this offering, as illustrated by the following table:

Assumed public offering price per share		\$	2.50
Net tangible book value per share as of September 30, 2020		\$	(0.70)
Increase in net tangible book value per share attributable to the investor participating in this offering			0.21
As-adjusted net tangible book value per share after giving effect to this offering			(0.48)
Dilution per share to the investor in this offering		\$	2.98

The number of shares of common stock to be outstanding immediately after this offering is based on 10,442,850 shares outstanding as of September 30, 2020 without regard for shares underlying either the Company's Convertible Secured Special Loan or option awards issued to Company management which are subject to shareholder approval, and excludes:

- 1,813,809 shares of common stock issuable upon the exercise of stock options outstanding at September 30, 2020 with a weighted average exercise price of approximately \$3.48 per share;
- 4,616,189 shares of common stock issuable upon the exercise of outstanding or issuable warrants at September 30, 2020 with a weighted average exercise price of approximately \$4.71 per share; and
- shares of common stock that may be issuable upon conversion of a new series of senior convertible preferred stock of the Company into which the Special Loan may be converted in certain circumstances.

The number of shares of common stock to be outstanding immediately after this offering also excludes (1) 800,000 shares of common stock issuable upon the exercise of stock options with an exercise price of \$2.53 per share awarded to Company management as of June 1, 2020, the exercise of which is contingent upon satisfaction of certain performance metrics between now and December 31, 2022, (2) 44,932 shares issued to directors of the Company as compensation in exchange for services rendered for the third and fourth quarter of 2020, and (3) 455,885 shares issued via the Company's at-the-market offering instrument between September 30, 2020 and February 18, 2021.

As of February 17, 2021, the total number of our outstanding shares of Common Stock was 10,943,667.

To the extent that additional shares are issued pursuant to the foregoing, the investor purchasing our common stock in this offering will experience further dilution. In addition, we may offer other securities in other offerings due to market conditions or strategic considerations. To the extent we issue such securities, the investor may experience further dilution.

DESCRIPTION OF SECURITIES WE ARE OFFERING

In this offering, we are offering 800,000 shares of our common stock at an offering price of \$2.50 per share.

Common Stock

The material terms and provisions of our common stock are described in the section entitled “Description of Common Stock” in the prospectus attached hereto.

PLAN OF DISTRIBUTION

We have entered into a securities purchase agreement with the investor in this offering pursuant to which we will sell to the investor 800,000 shares of our common stock. We negotiated the price for the securities offered in this offering with the investor. The factors considered in determining the price included the recent market price of our common stock, the general condition of the securities market at the time of this offering, the history of, and the prospects, for the industry in which we compete, our past and present operations, and the prospects of our future operating performance.

We entered into a securities purchase agreement directly with the investor on February 18, 2021. We expect to deliver the common stock being offered pursuant to this prospectus supplement on or about February 22, 2021, subject to customary closing conditions.

We are not offering common stock pursuant to this prospectus supplement through a placement agent, underwriter or securities broker or dealer.

We have agreed to pay our financial advisor a financial advisory fee of \$140,000.

After deducting our estimated offering expenses, we expect the net proceeds from this offering to be approximately \$1.835 million.

The shares of common stock offered hereby are being sold directly by us without the use of underwriters or agents. The institutional investor in this offering may be deemed an “underwriter” within the meaning of the Securities Act of 1933, as amended.

Lock-Up Agreements

Our directors, executive officers and 10% shareholders have entered into lock-up agreements pursuant to which they have agreed, subject to specified exceptions, not to sell or transfer any shares of common stock or securities convertible, exchangeable or exercisable into, shares of our common stock during a period ending 30 days after the closing of this offering.

In addition, we have agreed that, for a period of 30 days from the closing of this offering, we will not (i) issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of common stock or common stock equivalents, (ii) file any registration statement or amendment or supplement thereto, other than this prospectus supplement or filing a registration statement on Form S-8 in connection with any employee benefit plan, or (iii) effect or enter into an agreement to effect any issuance of our common stock or common stock equivalents involving a variable rate transaction. The Company’s restrictions may be waived by the Company’s financial advisor in connection with this offering.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Computershare Trust Company, N. A.

Trading Market

Our common stock is listed on The NASDAQ Capital Market under the symbol “CREX.”

LEGAL MATTERS

The validity of any securities offered from time to time by this prospectus and any related prospectus supplement will be passed upon by Maslon LLP, Minneapolis, Minnesota.

EXPERTS

The consolidated balance sheets of Creative Realities, Inc. and Subsidiaries as of December 31, 2019 and 2018, and the related consolidated statements of operations, shareholders' equity, and cash flows for each of the years each then ended, have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report which is incorporated herein. Such financial statements have been incorporated herein in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus supplement and the accompanying prospectus are part of a registration statement on Form S-3 we filed with the SEC. This prospectus supplement and the accompanying prospectus omit some information contained in the registration statement in accordance with SEC rules and regulations. You should review the information and exhibits in the registration statement for further information about us and our securities. Statements in this prospectus supplement concerning any document we filed as an exhibit to the registration statement or that we otherwise filed with the SEC are not intended to be comprehensive and are qualified by reference to these filings. You should review the complete document to evaluate these statements. You can obtain a copy of the registration statement from the SEC's website.

We are a reporting company and file annual, quarterly and current reports, proxy statements and other information with the SEC. The SEC maintains an Internet site at <http://www.sec.gov> that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC. Our SEC filings are available on the SEC's Internet site.

The representations, warranties and covenants made by us in any agreement that is filed as an exhibit to the registration statement of which this prospectus supplement and the accompanying prospectus are a part were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were made as of an earlier date. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

We maintain an Internet site at <http://www.cri.com>. Information found on, or accessible through, our website is not a part of, and is not incorporated into, this prospectus, and you should not consider it part of this prospectus or part of any prospectus supplement.

IMPORTANT INFORMATION INCORPORATED BY REFERENCE

We are allowed to incorporate by reference information contained in documents that we file with the Commission. This means that we can disclose important information to you by referring you to those documents and that the information in this prospectus supplement and the accompanying prospectus is not complete and you should read the information incorporated by reference for more detail. Information in this prospectus supplement and the accompanying prospectus supersedes information incorporated by reference that we filed with the Commission prior to the date of this prospectus supplement and the accompanying prospectus, while information that we file later with the Commission will automatically update and supersede the information in this prospectus supplement and the accompanying prospectus.

We incorporate by reference the documents listed below and any future filings we will make with the Commission under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act (i) after the date of the initial filing of the registration statement of which this prospectus supplement is a part and prior to effectiveness of such registration statement, and (ii) from the date of this prospectus supplement but prior to the termination of the offering of the securities covered by this prospectus (other than Current Reports or portions thereof furnished under Item 2.02 or 7.01 of Form 8-K):

- Our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2019, which was filed with the SEC on March 13, 2020;

- Quarterly Reports on Form 10-Q for the fiscal quarter ended [March 31, 2020](#), June 30, 2021 and September 30, 2021;
- Current Reports on Form 8-K (or amendment(s) thereto) filed on [January 3, 2020](#); [March 19, 2020](#); [March 27, 2020](#); [April 6, 2020](#); [April 27, 2020](#); [May 1, 2020](#); [May 8, 2020](#); [May 26, 2020](#); [June 3, 2020](#); [June 19, 2020](#); [July 13, 2020](#); [September 24, 2020](#); [October 2, 2020](#); [November 30, 2020](#); [January 7, 2021](#); [January 15, 2021](#) and [February 3, 2021](#).
- The description of the Company's common stock incorporated into the Company's Registration Statement on [Form 8-A](#) filed with the SEC on November 14, 2018 by reference to the description under the caption "Description of Securities – Common Stock" in the prospectus forming a part of the Company's Registration Statement on [Form S-1](#), as amended (Registration No. 333-225876), which was filed with the SEC on October 31, 2018.

We will provide to each person, including any beneficial owner, to whom a prospectus is delivered a copy of any or all of the documents that are incorporated by reference in this prospectus but not delivered with this prospectus, including exhibits that are specifically incorporated by reference in such documents. You may request a copy of such documents at no cost, by writing or telephoning us at the following address or telephone number:

Creative Realities, Inc.
Attention: Corporate Secretary
13100 Magisterial Drive, Suite 100
Louisville, KY 40223
(502) 791-8800

PROSPECTUS

\$50,000,000



Creative Realities, Inc.

**Common Stock
Preferred Stock
Warrants to Purchase Common Stock or Preferred Stock
Debt Securities**

We may offer from time to time securities described in this prospectus separately or together in any combination. We may offer and sell such securities in one or more offerings with a total aggregate principal amount or initial purchase price not to exceed \$50,000,000. These securities may be convertible into or exchangeable for our other securities. This prospectus provides a general description of these securities. We will provide you with specific information about the offering and terms of these securities in supplements to this prospectus. We may also authorize one or more free writing prospectuses to be provided to you in connection with these offerings. The prospectus supplement and any related free writing prospectus may also add, update or change information contained in this prospectus. You should carefully read this prospectus, the applicable prospectus supplement and any related free writing prospectus, as well as any documents incorporated by reference, before buying any of the securities being offered.

This prospectus may not be used to offer or sell securities unless accompanied by a prospectus supplement.

We may offer and sell these securities on a continuous or delayed basis, at prices and on terms to be determined at the time of any particular offering, directly to purchasers, through agents, dealers or underwriters as designated from time to time, or through a combination of these methods. See "Plan of Distribution." The prospectus supplement for each offering will describe in detail the plan of distribution for that offering and will set forth the names of underwriters, dealers or agents, if any, involved in the offering and any applicable discounts or commissions payable to them. Net proceeds from the sale of the securities also will be set forth in the applicable prospectus supplement.

Unless otherwise stated in a prospectus supplement, none of these securities will be listed on any securities exchange. Our common stock is listed on The NASDAQ Capital Market under the symbol "CREX." The last reported per share price for our common stock was \$4.58, as quoted on The NASDAQ Capital Market on May 13, 2020. As of May 13, 2020, the aggregate market value of our outstanding common stock held by non-affiliates (our "public float") was \$21,665,351. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell securities in a public primary offering in reliance on such General Instruction with a value exceeding one-third of our public float during any 12-month period.

Investing in our securities involves a high degree of risk. You should review carefully the risks and uncertainties described under the heading "Risk Factors" contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is May 14, 2020.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or the Commission, using a “shelf” registration process. Under this shelf registration process, from time to time, we may sell any combination of the securities described in this prospectus in one or more offerings. This prospectus provides you with a general description of the securities we may offer. Each time we offer and sell securities under this prospectus, we will provide a prospectus supplement that will contain more specific information about the terms of the applicable offering. The prospectus supplement may include a discussion of risks or other special considerations applicable to us or the offered securities. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these offerings. The prospectus supplement, and any related free writing prospectus that we may authorize to be provided to you, may also add, update or change the information contained in this prospectus or in the documents incorporated by reference into this prospectus. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you must rely on the information in the prospectus supplement. We urge you to carefully read this prospectus, any applicable prospectus supplement and any related free writing prospectus, together with the information incorporated herein by reference as described under the headings “Where You Can Find More Information” and “Incorporation of Information by Reference” before buying any of the securities being offered. **THIS PROSPECTUS MAY NOT BE USED TO CONSUMMATE A SALE OF SECURITIES UNLESS IT IS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.**

You should rely only on the information contained in, or incorporated by reference into, this prospectus or any applicable prospectus supplement, along with the information contained in any related free writing prospectus that we have authorized for use in connection with a specific offering. We have not authorized anyone to provide you with different information. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus, any applicable prospectus supplement or any related free writing prospectus that we may authorize to be provided to you. You must not rely on any unauthorized information or representation. The information in this prospectus, any applicable prospectus supplement or any related free writing prospectus is accurate only as of the date on the front of the document, and any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus, any applicable prospectus supplement or any related free writing prospectus, or any sale of a security. Our business, financial condition, results of operations and prospects may have changed since those dates.

Unless the context requires otherwise or unless otherwise indicated, all references to “Creative Realities,” the “Company,” “we,” “our,” or “us” refer collectively to Creative Realities, Inc.

This prospectus does not constitute, and any prospectus supplement or other offering materials related to an offering of securities described in this prospectus will not constitute, an offer to sell, or a solicitation of an offer to purchase, the offered securities in any jurisdiction to or from any person to whom or from whom it is unlawful to make such offer or solicitation in such jurisdiction.

THE COMPANY

This summary contains basic information about us. You should read the entire prospectus carefully, especially the risks of investing in our securities discussed under “Risk Factors.” Some of the statements contained in this prospectus, including statements under this summary and “Risk Factors” are forward-looking statements and may involve a number of risks and uncertainties. We note that our actual results and future events may differ significantly based upon a number of factors. You should not put undue reliance on the forward-looking statements in this document, which speak only as of the date on the cover of this prospectus.

Company Overview

Creative Realities, Inc. is a Minnesota corporation (the “Company”) that provides innovative digital marketing technology and solutions to retail companies, individual retail brands, enterprises and organizations throughout the United States and in certain international markets. The Company has expertise in a broad range of existing and emerging digital marketing technologies, as well as the related media management and distribution software platforms and networks, device management, product management, customized software service layers, systems, experiences, workflows, and integrated solutions. Our technology and solutions include: digital merchandising systems and omni-channel customer engagement systems, interactive digital shopping assistants, advisors and kiosks, and other interactive marketing technologies such as mobile, social media, point-of-sale transactions, beaconing and web-based media that enable our customers to transform how they engage with consumers. We have expertise in a broad range of existing and emerging digital marketing technologies, as well as the following related aspects of our business: content, network management, and connected device software and firmware platforms; customized software service layers; hardware platforms; digital media workflows; and proprietary processes and automation tools. We believe we are one of the world’s leading interactive marketing technology companies that focuses on the retail shopper experience by helping retailers and brands use the latest technologies to create better shopping experiences.

On November 20, 2018, we closed on our acquisition of Allure Global Solutions, Inc. (the “Allure Acquisition”). While the Allure Acquisition expanded our operations, geographical footprint and customer base and also enhanced our current product offerings, the core business of Allure is consistent with the operations of Creative Realities, Inc.

Our main operations are conducted directly through Creative Realities, Inc., and under our wholly owned subsidiaries Allure Global Solutions, Inc., a Georgia corporation, Creative Realities Canada, Inc., a Canadian corporation, and ConeXus World Global, LLC, a Kentucky limited liability company. Our other wholly owned subsidiary Creative Realities, LLC, a Delaware limited liability company, has been effectively dormant since October 2015, the date of the merger with ConeXus World Global, LLC.

We generate revenue in this business by:

- consulting with our customers to determine the technologies and solutions required to achieve their specific goals, strategies and objectives;
- designing our customers’ digital marketing experiences, content and interfaces;
- engineering the systems architecture delivering the digital marketing experiences we design – both software and hardware – and integrating those systems into a customized, reliable and effective digital marketing experience;
- managing the efficient, timely and cost-effective deployment of our digital marketing technology solutions for our customers;
- delivering and updating the content of our digital marketing technology solutions using a suite of advanced media, content and network management software products; and
- maintaining our customers’ digital marketing technology solutions by: providing content production and related services; creating additional software-based features and functionality; hosting the solutions; monitoring solution service levels; and responding to and/or managing remote or onsite field service maintenance, troubleshooting and support calls.

These activities generate revenue through: bundled-solution sales; consulting services, experience design, content development and production, software development, engineering, implementation, and field services; software license fees; and maintenance and support services related to our software, managed systems and solutions.

We currently market and sell our technology and solutions primarily through our sales and business development personnel, but we also utilize agents, strategic partners, and lead generators who provide us with access to additional sales, business development and licensing opportunities.

Our digital marketing technology solutions have application in a wide variety of industries. The industries in which we sell our solutions are established and include automotive, apparel & accessories, banking, baby/children, beauty, CPG, department stores, digital out-of-home (“DOOH”), electronics, fashion, fitness, foodservice/quick service restaurant (“QSR”), financial services, gaming, luxury, mass merchants, mobile operators, and pharmacy retail; however, the planning, development, implementation and maintenance of technology-enabled experiences involving combinations of digital marketing technologies is relatively new and evolving. Moreover, a number of participants in these industries have only recently started considering or expanding the adoption of these types of technologies, solutions and experiences as part of their overall marketing strategies. As a result, we remain without an established history of profitability.

Market Opportunity

We believe that the adoption and evolution of digital marketing technology solutions will increase substantially in years to come both in the industries in which we currently focus and in others. We also believe that adoption of our solutions depends not only upon the services and solutions that we provide but also upon the cost of hardware used to process and display content. While the costs of hardware configurations and software media players have historically decreased and we believe they will continue to do so at an accelerating rate, flat panel displays and players typically constitute a large portion of the expenditure customers make relative to the entire cost of implementing a digital marketing system implementation and can be a barrier to customer deployment. As a result, we believe that the broader adoption of digital marketing technology solutions is likely to increase, although we cannot predict the rate at which such adoption will occur.

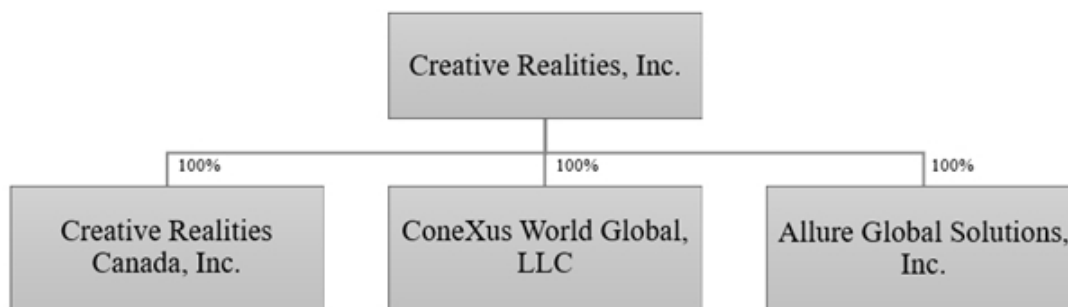
Another key component of our business strategy, given the evolving dynamics of the industry in which we operate, is to acquire and integrate other operating companies in the industry in conjunction with pursuing our organic growth objectives. We believe that the selective acquisition and successful integration of certain companies will: accelerate our growth in targeted vertical and operating markets; enable us to cost-effectively aggregate multiple customer bases onto a single business and technology platform; provide us with greater operating scale on a consolidated basis; enable us to leverage a common set of processes and tools, and cost efficiencies company-wide; and ultimately result in higher operating profitability and cash flow from operations. Our management team evaluates acquisition opportunities on an ongoing basis. Our management team and Board of Directors have broad experience with the execution, integration and financing of acquisitions. We believe that, based on the foregoing, we can successfully serve as a consolidator of multiple business and technology platforms serving similar markets.

Corporate Organization

Our principal offices are located at 13100 Magisterial Drive, Ste 100, Louisville, Kentucky 40223, and our telephone number at that office is (502) 791-8800.

The legal entity that is the registrant was originally incorporated and organized as a Minnesota corporation under the name Wireless Ronin Technologies, Inc. in March 2003. Our business initially focused on the provision of expertise in digital media marketing solutions to customers, including digital signage, interactive kiosks, mobile, social media and web-based media solutions. We acquired the assets and business of Broadcast International, Inc., a Utah corporation and public registrant, through a merger transaction that was effective as of August 1, 2014. Then on August 20, 2014, we consummated a merger transaction with Creative Realities, LLC, a privately owned Delaware limited liability company, in which we issued a majority of our issued and outstanding shares of common stock. In that merger transaction, we acquired the interactive marketing technology business of Creative Realities that we currently operate. Shortly after that merger, we changed our corporate name from Wireless Ronin Technologies, Inc. to "Creative Realities, Inc." On October 15, 2015, we acquired the assets and business of ConeXus World Global, LLC, a privately-owned Kentucky limited liability company for which we issued preferred and common stock. In that merger transaction, we acquired the systems integration and marketing technology business of ConeXus World that we currently operate. On May 23, 2016, we dissolved Broadcast International, Inc. On November 20, 2018, we acquired Allure Global Solutions, Inc. ("Allure"), an enterprise software development company (as further described below).

Our corporate structure, including our principal operating subsidiaries, is as follows:



Our fiscal year ends December 31. Neither we nor any of our predecessors have been in bankruptcy, receivership or any similar proceeding.

Business Strategy

We believe that our existing business model is highly scalable and can be expanded successfully as we continue to grow organically and integrate our recent merger transactions, acquire and integrate other companies which operate directly in our target markets, strengthen our operational practices and procedures, further streamline our administrative office functions, and continue to capitalize on various marketing programs and activities.

Industry Background

Over approximately the past 18-36 months, we believe certain digital marketing technology industry trends are creating the opportunity for retailers, brands, venue-operators, enterprises, non-profits and other organizations to create innovative shopping, marketing, and informational experiences for their customers and other stakeholders in various venues worldwide. These trends include: (i) the expectations of technology-savvy consumers; (ii) addressing on-line competitors by improving physical experiences; (iii) accelerating decline in the cost of hardware configurations (primarily flat panel displays) and software media players; (iv) the continued evolution of mobile, social, software and hardware technologies, applications and tools; (v) increasing sophistication of social networking platforms; (vi) increasingly complex customer requirements related to their specific digital marketing technology and solution objectives; and (vii) customers challenging service providers with the delivery of a satisfactory consumer experience with the traditional pressure on reducing installation and ongoing operating costs.

As a result, a growing number of retailers, brands, venue-operators and other organizations have identified the need and opportunity to implement increasingly cost-effective and “sales-lifting” digital marketing, and interactive experiences to market to their customers. These experiences include creating unique and customized experiences for targeted, timely offerings and relevant promotions; improving engagement resulting in increased sales; and increasing shopping basket size. We believe our clients consider capitalizing on these industry trends to be increasingly critical to any successful “store of the future” retail and brand sales environment, especially where sales staff turnover is high, training outcomes are inconsistent and product knowledge is low.

Companies are accomplishing their strategies by implementing various digital marketing technology solutions, which: are implemented in multiple forms and types of configurations and locations; attempt to achieve any of a broad range of individual or combination of objectives; contain various levels of targeting; have the ability to instantly manage single or multiple locations remotely from a customer’s desktop or other connected device at each location; and are built to deliver or contain a standard or customized experience unique to and within the customer’s environment. Examples of such solutions include:

- Digital Merchandising Systems, which aim to inform and interact with customers through various types of content in an integrated experience, improve in-store customer experiences and increase overall sales, upsells, and/or cross-sales;
- Digital Sales Assistants, which aim to replace or augment existing sales resources and the level of interactive and informational sales assistance inside the store;
- Digital Way-Finders, which aim to help customers navigate their way around individual retail stores and multi-store locations or venues, or within individual brand categories;
- Digital Kiosks, which aim to provide data, specialized and customized broadcasts, promotional information and coupons, train, and other forms of information and interaction with customers in a variety of deployment forms, types, configurations and experiences;
- Digital Menu-Board Systems, which aim to enable various types of restaurant operators the ability to remotely and on a scheduled basis, update and modify menu information, promotions, and other forms of content dynamically;
- Dynamic Digital Signage which aims to deliver and manage in-store marketing and advertising campaigns, specialized and customized broadcasts, and various other forms of messaging targeting customers in a particular experience or environment.

Our Markets

We currently market and sell our marketing technology solutions through our direct sales force, inside sales team, and word-of-mouth referrals from existing customers. Select strategic partnerships and lead generation programs also drive business to the Company through targeted business development initiatives. We market to companies that seek digital marketing solutions across multiple connected devices and who specifically seek or could benefit from enhancements to the customer experience offered in their stores, venues, brands or organizations.

Our digital marketing technology solutions have application in a wide variety of industries. The industries in which we sell our solutions are established and include automotive, apparel & accessories, banking, baby/children, beauty, CPG, department stores, digital out-of-home (“DOOH”), electronics, fashion, fitness, foodservice/quick service restaurant (“QSR”), financial services, gaming, luxury, mass merchants, mobile operators, and pharmacy retail; however, the planning, development, implementation and maintenance of technology-enabled experiences involving combinations of digital marketing technologies is relatively new and evolving. Moreover, a number of participants in these industries have only recently started considering or expanding the adoption of these types of technologies, solutions and experiences as part of their overall marketing strategies.

Seasonality

A portion of our customer activity is influenced by seasonal effects related to traditional end of calendar year peak retail sales periods and certain other factors that arise from our target customer base. Nevertheless, our revenues can be materially affected by the launch of new markets, the timing of production rollouts, and other factors, any of which have the ability to reduce or outweigh certain seasonal effects.

Effect of General Economic Conditions on our Business

We believe that demand for our services will increase in part as a result of new construction and remodeling activities of pre-existing retail, convenience store, stadium and event venues. While we do see reductions in retail footprints across the U.S., we see a continued focus on integration of digital into the retail marketplace and a focus on digital refreshes within the retail space to stay relevant in an evolving e-commerce marketplace. Recent general economic improvements generally make it easier for our customers to justify decisions to invest in digital marketing technology solutions. A change in the macroeconomic trend in the U.S. could have a negative impact on our customers' ability and/or willingness to advance their digital initiatives.

Regulation

We are subject to regulation by various federal and state governmental agencies. Such regulation includes radio frequency emission regulatory activities of the U.S. Federal Communications Commission, the consumer protection laws of the U.S. Federal Trade Commission, product safety regulatory activities of the U.S. Consumer Product Safety Commission, and environmental regulation in areas in which we conduct business. Some of the hardware components that we supply to customers may contain hazardous or regulated substances, such as lead. A number of U.S. states have adopted or are considering "takeback" bills addressing the disposal of electronic waste, including CRT style and flat panel monitors and computers. Electronic waste legislation is developing. Some of the bills passed or under consideration may impose on us, or on our customers or suppliers, requirements for disposal of systems we sell and the payment of additional fees to pay costs of disposal and recycling. Presently, we do not believe that any such legislation or proposed legislation will have a materially adverse impact on our business.

Competition

While we believe there is presently no direct competitor with the comprehensive offering of technologies, solutions and services we provide to our customers, there are multiple individual competitors who offer pieces of our solutions. These include digital signage software companies such as Stratacache, Four Winds Interactive, and Reflect Systems; marketing services companies such as Sapient Nitro or digital signage systems integrators such as Convergent Media Systems. Some of these competitors may have significantly greater financial, technical and marketing resources than we do and may be able to respond more rapidly than we can to new or emerging technologies or changes in customer requirements. We believe that our sales and business development capabilities, network operations / field service management capabilities, our comprehensive offering of digital marketing technology and solutions, brand awareness, and proprietary processes are the primary factors affecting our competitive position.

Territories

We sell products and services primarily throughout North America.

Employees

We have approximately 75 employees as of May 13, 2020. We do not have any employees that operate under collective-bargaining agreements.

RISK FACTORS

Investing in our securities involves a high degree of risk. You should carefully review the risks and uncertainties described under the heading “Risk Factors” contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus and the applicable prospectus supplement, before deciding whether to purchase any of the securities being offered. Each of the risk factors could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our securities, and the occurrence of any of these risks might cause you to lose all or part of your investment. Moreover, the risks described are not the only ones that we face. Additional risks not presently known to us or that we currently believe are immaterial may also significantly impair our business operations.

NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein contain, and any prospectus supplement or free writing prospectus may contain, forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. All statements other than statements of historical facts contained in this prospectus and the documents incorporated by reference herein contain, and any prospectus supplement or free writing prospectus, are forward-looking statements. These statements relate to future events or to our future financial performance and involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performances or achievements expressed or implied by the forward-looking statements. Forward-looking statements may include, but are not limited to, statements about:

- the adequacy of funds for future operations;
- future expenses, revenue and profitability;
- trends affecting financial condition and results of operations;
- ability to convert proposals into customer orders under mutually agreed upon terms and conditions;
- general economic conditions and outlook, including those as a result of the COVID-19 pandemic;
- the ability of customers to pay for products and services received;
- the impact of changing customer requirements upon revenue recognition;
- customer cancellations;
- the availability and terms of additional capital;
- industry trends and the competitive environment;
- the impact of the company's financial condition upon customer and prospective customer relationships;
- potential litigation and regulatory actions directed toward our industry in general;
- the ultimate control of our management and our Board of Directors by our controlling shareholder, Slipstream Funding, LLC;
- our reliance on certain key personnel in the management of our businesses;
- employee and management turnover;
- the existence of material weaknesses in internal controls over financial reporting;
- the inability to successfully integrate the operations of acquired companies; and
- the fact that our common stock is presently thinly traded in an illiquid market.

In some cases, you can identify forward-looking statements by terms such as “may”, “will”, “should”, “could”, “would”, “expects”, “plans”, “anticipates”, “believes”, “estimates”, “projects”, “predicts”, “potential” “propose,” and similar expressions (or the negative versions of such words or expressions) intended to identify forward-looking statements.

These statements reflect our current views with respect to future events and are based on assumptions and subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. We discuss many of these risks in greater detail under the heading “Risk Factors” in the applicable prospectus supplement or free writing prospectus and in our reports filed from time to time under the Securities Act and/or the Exchange Act. We encourage you to read these filings as they are made. Also, these forward-looking statements represent our estimates and assumptions only as of the date of the document containing the applicable statement.

You should read this prospectus, the documents incorporated by reference herein, and any prospectus supplement or free writing prospectus that we have authorized for use in connection with this offering completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements.

Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements.

USE OF PROCEEDS

We will retain broad discretion over the use of the net proceeds from the sale of our securities offered by this prospectus. Unless we indicate otherwise in the applicable prospectus supplement or in any related free writing prospectus we have authorized for use in connection with a specific offering, we anticipate that any net proceeds will be used for working capital and general corporate purposes. We will set forth in the applicable prospectus supplement or free writing prospectus our intended use for the net proceeds received from the sale of securities sold pursuant to that prospectus supplement or free writing prospectus.

DILUTION

We will set forth in a prospectus supplement the following information regarding any material dilution of the equity interests of investors purchasing securities in an offering under this prospectus:

- the net tangible book value per share of our equity securities before and after the offering;
- the amount of the increase in such net tangible book value per share attributable to the cash payments made by purchasers in the offering; and
- the amount of the immediate dilution from the public offering price which will be absorbed by such purchasers.

DESCRIPTION OF CAPITAL STOCK

Our authorized capital consists of 250,000,000 shares of capital stock, \$0.01 par value per share, comprised of 200,000,000 shares of common stock and 50,000,000 shares of preferred stock. As of May 13, 2020, there were 9,827,023, shares of our common stock and no shares of our preferred stock issued and outstanding. Our common stock is traded on the NASDAQ Capital Market under the symbol “CREX”.

The following description summarizes the material terms of our capital stock. This summary is, however, subject to the provisions of our articles of incorporation and bylaws. For greater detail about our capital stock, please refer to our articles of incorporation and bylaws. The following description summarizes the material terms of our capital stock. This summary is, however, subject to the provisions of our articles of incorporation and bylaws. For greater detail about our capital stock, please refer to our articles of incorporation and bylaws.

Common Stock

Voting. The holders of our common stock are entitled to one vote for each outstanding share of common stock owned by that shareholder on every matter properly submitted to the shareholders for their vote. Shareholders are not entitled to vote cumulatively for the election of directors.

Dividend Rights. Subject to the dividend rights of the holders of any outstanding series of preferred stock, holders of our common stock are entitled to receive ratably such dividends and other distributions of cash or any other right or property as may be declared by our Board of Directors out of our assets or funds legally available for such dividends or distributions.

Liquidation Rights. In the event of any voluntary or involuntary liquidation, dissolution or winding up of our affairs, holders of our common stock would be entitled to share ratably in our assets that are legally available for distribution to shareholders after payment of liabilities. If we have any other preferred stock outstanding at such time, holders of that preferred stock may be entitled to distribution or liquidation preferences. In either such case, we must pay the applicable distribution to the holders of our preferred stock before we may pay distributions to the holders of our common stock.

Conversion, Redemption and Preemptive Rights. Holders of our common stock have no conversion, redemption, preemptive, subscription or similar rights. The rights, preferences and privileges of the holders of common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of our preferred stock that we may designate and issue in the future.

The transfer agent and registrar for our common stock is American Computershare Trust Company, N. A.

See “Certain Provisions of Minnesota Law, the Articles of Incorporation and Bylaws” for a description of provisions of our articles of incorporation and bylaws which may have the effect of delaying, deferring or preventing changes in the our control.

Preferred Stock

Pursuant to our articles of incorporation, our board of directors has the authority, without stockholder approval, subject to limitations prescribed by law, to provide for the issuance of up to 50,000,000 shares of preferred stock in one or more series, and by filing a certificate pursuant to the applicable law of the State of Minnesota, to establish from time to time the number of shares to be included in each such series, and to fix the designation, powers, preferences and rights of the shares of each series and any qualifications, limitations or restrictions thereof, and to increase or decrease the number of shares of any such series, but not below the number of shares of such series then outstanding.

We will fix the designations, voting powers, preferences and rights of the preferred stock of each series, as well as the qualifications, limitations or restrictions thereof, in the certificate of designation relating to that series. We will file as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the Commission, the form of any certificate of designation that describes the terms of the series of preferred stock we are offering before the issuance of that series of preferred stock. This description will include:

- the title and stated value;
- the number of shares offered;
- the liquidation preference per share;
- the purchase price per share;
- the dividend rate(s), period(s) and/or payment date(s) or method(s) of calculation for dividends;
- whether dividends are cumulative or non-cumulative and, if cumulative, the date from which dividends will accumulate;
- our right, if any, to defer payment of dividends and the maximum length of any such deferral period;
- the procedures for any auction and remarketing, if any;
- the provisions for a sinking fund, if any;
- the provision for redemption or repurchase, if applicable, and any restrictions on our ability to exercise those redemption and repurchase rights;
- any listing of the preferred stock on any securities exchange or market;
- the terms and conditions, if applicable, upon which the preferred stock will be convertible into common stock, including the conversion price (or manner of calculation) and conversion period;
- whether the preferred stock will be exchangeable into debt securities, and, if applicable, the exchange price, or how it will be calculated, and the exchange period;
- voting rights, if any, of the preferred stock;
- preemptive rights, if any;
- restrictions on transfer, sale or other assignment, if any;
- whether interests in the preferred stock will be represented by depositary shares;
- a discussion of any material and/or special U.S. federal income tax considerations applicable to the preferred stock;
- the relative ranking and preferences of the preferred stock as to dividend rights and rights upon the liquidation, dissolution or winding up of our affairs;
- any limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the class or series of preferred stock as to dividend rights and rights upon liquidation, dissolution or winding up of our affairs; and
- any other specific terms, preferences, rights, limitations or restrictions of the preferred stock.

Our board of directors could authorize the issuance of shares of preferred stock with terms and conditions that could have the effect of discouraging a takeover or other transaction that might involve a premium price for holders of the shares or which holders might believe to be in their best interests. The issuance of preferred stock could adversely affect the voting power, conversion or other rights of holders of common stock and reduce the likelihood that common stockholders will receive dividend payments and payments upon liquidation.

The laws of the State of Minnesota, the state of our incorporation, generally provide that the holders of outstanding shares of a class or series of preferred stock will have the right to vote separately as a class on any proposal involving a change in the rights or preferences of such class or series of preferred stock. This right is in addition to any voting rights that may be provided for in the applicable certificate of designation.

The transfer agent and registrar for any series of preferred stock will be set forth in the applicable prospectus supplement.

DESCRIPTION OF DEBT SECURITIES

We may issue debt securities from time to time, in one or more series, as either senior or subordinated debt or as senior or subordinated convertible debt. The terms of each series of debt securities will be established by or pursuant to a resolution of our board of directors and set forth or determined in the manner provided in an officers' certificate or by a supplemental indenture. The particular terms of each series of debt securities will be described in more detail in the applicable prospectus supplement or any related free writing prospectus. The terms of any debt securities offered under a prospectus supplement may differ from the terms described below.

Unless the context requires otherwise, whenever we refer to the indenture, we also are referring to any supplemental indentures that specify the terms of a particular series of debt securities.

We will issue the debt securities under an indenture that we will enter into with the trustee named in the indenture. The indenture will be qualified under the Trust Indenture Act of 1939. We have filed a form of the indenture as an exhibit to the registration statement of which this prospectus is a part, and supplemental indentures and forms of debt securities containing the terms of the debt securities being offered will be filed as exhibits to the registration statement of which this prospectus is a part or will be incorporated by reference from reports that we file with the Commission.

The following summaries of material provisions of the debt securities and the indenture are subject to, and qualified in their entirety by reference to, all of the provisions of the indenture, including any supplemental indentures applicable to a particular series of debt securities. We urge you to read the applicable prospectus supplements and any related free writing prospectuses related to the debt securities that we may offer under this prospectus, as well as the complete indenture that contains the terms of the debt securities.

General

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit that we may designate. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to give holders of any debt securities protection against changes in our operations, financial condition or transactions involving us.

We will describe in the applicable prospectus supplement the terms of the series of debt securities being offered, including:

- the offering price;
- the title;
- any limit on the aggregate principal amount;
- the person who shall be entitled to receive interest, if other than the record holder on the record date;
- the date the principal will be payable;
- the interest rate, if any, the date interest will accrue, the interest payment dates and the regular record dates;
- the place where payments may be made;
- any mandatory or optional redemption provisions;
- if applicable, the method for determining how the principal, premium, if any, or interest will be calculated by reference to an index or formula;

- if other than U.S. currency, the currency or currency units in which principal, premium, if any, or interest will be payable and whether we or the holder may elect payment to be made in a different currency;
- the portion of the principal amount that will be payable upon acceleration of stated maturity, if other than the entire principal amount;
- any defeasance provisions if different from those described below under “Satisfaction and Discharge; Defeasance”;
- any conversion or exchange provisions;
- any obligation to redeem or purchase the debt securities pursuant to a sinking fund;
- whether the debt securities will be issuable in the form of a global security;
- any applicable subordination provisions for any subordinated debt securities;
- any deletions of, or changes or additions to, the events of default or covenants; and
- any other specific terms of such debt securities.

Unless otherwise specified in the prospectus supplement, the debt securities will be registered debt securities. Debt securities may be sold at a substantial discount below their stated principal amount, bearing no interest or interest at a rate which at the time of issuance is below market rates.

Exchange and Transfer

Debt securities may be transferred or exchanged at the office of the security registrar or at the office of any transfer agent designated by us.

We will not impose a service charge for any transfer or exchange, but we may require holders to pay any tax or other governmental charges associated with any transfer or exchange.

In the event of any potential redemption of debt securities of any series, we will not be required to:

- issue, register the transfer of, or exchange, any debt security of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption and ending at the close of business on the day of the mailing; or
- register the transfer of, or exchange, any debt security of that series selected for redemption, in whole or in part, except the unredeemed portion being redeemed in part.

We may initially appoint the trustee as the security registrar. Any transfer agent, in addition to the security registrar, initially designated by us will be named in the prospectus supplement. We may designate additional transfer agents or change transfer agents or change the office of the transfer agent. However, we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

Global Securities

The debt securities of any series may be represented, in whole or in part, by one or more global securities. Each global security will:

- be registered in the name of a depositary that we will identify in a prospectus supplement;
- be deposited with the depositary or nominee or custodian; and
- bear any required legends.

No global security may be exchanged in whole or in part for debt securities registered in the name of any person other than the depositary or any nominee unless:

- the depositary has notified us that it is unwilling or unable to continue as depositary or has ceased to be qualified to act as depositary;
- an event of default is continuing; or
- the Company executes and delivers to the trustee an officers' certificate stating that the global security is exchangeable.

As long as the depositary, or its nominee, is the registered owner of a global security, the depositary or nominee will be considered the sole owner and holder of the debt securities represented by the global security for all purposes under the indenture. Except in the above limited circumstances, owners of beneficial interests in a global security:

- will not be entitled to have the debt securities registered in their names;
- will not be entitled to physical delivery of certificated debt securities; and
- will not be considered to be holders of those debt securities under the indenture.

Payments on a global security will be made to the depositary or its nominee as the holder of the global security. Some jurisdictions have laws that require that certain purchasers of securities take physical delivery of such securities in definitive form. These laws may impair the ability to transfer beneficial interests in a global security.

Institutions that have accounts with the depositary or its nominee are referred to as "participants." Ownership of beneficial interests in a global security will be limited to participants and to persons that may hold beneficial interests through participants. The depositary will credit, on its book-entry registration and transfer system, the respective principal amounts of debt securities represented by the global security to the accounts of its participants.

Ownership of beneficial interests in a global security will be shown on and effected through records maintained by the depositary, with respect to participants' interests, or any participant, with respect to interests of persons held by participants on their behalf.

Payments, transfers and exchanges relating to beneficial interests in a global security will be subject to policies and procedures of the depositary.

The depositary policies and procedures may change from time to time. Neither we nor the trustee will have any responsibility or liability for the depositary's or any participant's records with respect to beneficial interests in a global security.

Payment and Paying Agent

The provisions of this paragraph will apply to the debt securities unless otherwise indicated in the prospectus supplement. Payment of interest on a debt security on any interest payment date will be made to the person in whose name the debt security is registered at the close of business on the regular record date. Payment on debt securities of a particular series will be payable at the office of a paying agent or paying agents designated by us. However, at our option, we may pay interest by mailing a check to the record holder. Except as described in the prospectus supplement, the corporate trust office of the trustee will be designated as our sole paying agent.

We may also name any other paying agents in the prospectus supplement. We may designate additional paying agents, change paying agents or change the office of any paying agent. However, we will be required to maintain a paying agent in each place of payment for the debt securities of each series.

All moneys paid by us to a paying agent for payment on any debt security that remain unclaimed at the end of two years after such payment was due will be repaid to us. Thereafter, the holder may look only to us for such payment.

Consolidation, Merger and Sale of Assets

Except as otherwise set forth in the applicable prospectus supplement, we may not consolidate with or merge into any other person, in a transaction in which we are not the surviving corporation, or sell, convey, transfer or lease all or substantially all of our assets to, any person, unless:

- the successor, if any, is a U.S. corporation, limited liability company, partnership, trust or other entity;
- the successor assumes our obligations on the debt securities and under the indenture;
- immediately after giving effect to the transaction, no default or event of default shall have occurred and be continuing; and
- certain other conditions are met.

Events of Default

Unless we inform you otherwise in the applicable prospectus supplement, the indenture will define an event of default with respect to any series of debt securities as one or more of the following events:

- (1) failure to pay principal of or any premium on any debt security of that series when due;
- (2) failure to pay any interest on any debt security of that series for 30 days when due;
- (3) failure to deposit any sinking fund payment when due;
- (4) failure to perform any other covenant in the indenture continued for 90 days after being given the notice required in the indenture;
- (5) our bankruptcy, insolvency or reorganization; and
- (6) any other event of default specified in the applicable prospectus supplement.

An event of default of one series of debt securities is not necessarily an event of default for any other series of debt securities.

If an event of default, other than an event of default described in clause (5) above, shall occur and be continuing, either the trustee or the holders of at least 25% in aggregate principal amount of the outstanding securities of that series may declare the principal amount of the debt securities of that series to be due and payable immediately.

If an event of default described in clause (5) above shall occur, the principal amount of all the debt securities of that series will automatically become immediately due and payable. Any payment by us on subordinated debt securities following any such acceleration will be subject to the subordination provisions described below under "Subordinated Debt Securities."

After acceleration, the holders of a majority in aggregate principal amount of the outstanding securities of that series may, under certain circumstances, rescind and annul such acceleration if all events of default, other than the non-payment of accelerated principal, or other specified amount, have been cured or waived.

Other than the duty to act with the required care during an event of default, the trustee will not be obligated to exercise any of its rights or powers at the request of the holders unless the holders shall have offered to the trustee reasonable indemnity. Generally, the holders of a majority in aggregate principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee or exercising any trust or power conferred on the trustee.

A holder will not have any right to institute any proceeding under the indenture, or for the appointment of a receiver or a trustee, or for any other remedy under the indenture, unless:

- (1) the holder has previously given to the trustee written notice of a continuing event of default with respect to the debt securities of that series;
- (2) the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series have made a written request and have offered reasonable indemnity to the trustee to institute the proceeding; and
- (3) the trustee has failed to institute the proceeding and has not received direction inconsistent with the original request from the holders of a majority in aggregate principal amount of the outstanding debt securities of that series within 90 days after the original request.

Holders may, however, sue to enforce the payment of principal or interest on any debt security on or after the due date without following the procedures listed in (1) through (3) above.

Modification and Waiver

Except as provided in the next two succeeding paragraphs, the applicable trustee and we may make modifications and amendments to the indenture (including, without limitation, through consents obtained in connection with a tender offer or exchange offer for, outstanding securities) and may waive any existing default or event of default (including, without limitation, through consents obtained in connection with a tender offer or exchange offer for, outstanding securities) with the consent of the holders of a majority in aggregate principal amount of the outstanding securities of each series affected by the modification or amendment.

However, neither we nor the trustee may make any amendment or waiver without the consent of the holder of each outstanding security of that series affected by the amendment or waiver if such amendment or waiver would, among other things:

- change the amount of securities whose holders must consent to an amendment, supplement or waiver;
- change the stated maturity of any debt security;
- reduce the principal on any debt security or reduce the amount of, or postpone the date fixed for, the payment of any sinking fund;

- reduce the principal of an original issue discount security on acceleration of maturity;
- reduce the rate of interest or extend the time for payment of interest on any debt security;
- make a principal or interest payment on any debt security in any currency other than that stated in the debt security;
- impair the right to enforce any payment after the stated maturity or redemption date;
- waive any default or event of default in payment of the principal of, premium or interest on any debt security (except certain rescissions of acceleration); or
- waive a redemption payment or modify any of the redemption provisions of any debt security.

Notwithstanding the preceding, without the consent of any holder of outstanding securities, we and the trustee may amend or supplement the indenture:

- to cure any ambiguity, defect or inconsistency;
- to provide for the issuance of and establish the form and terms and conditions of debt securities of any series as permitted by the indenture;
- to provide for uncertificated securities in addition to or in place of certificated securities;
- to provide for the assumption of our obligations to holders of any debt security in the case of a merger, consolidation, transfer or sale of all or substantially all of our assets;
- to make any change that does not materially adversely affect the legal rights under the indenture of any such holder;
- to comply with requirements of the SEC in order to effect or maintain the qualification of the indenture under the Trust Indenture Act of 1939; or
- to evidence and provide for the acceptance of appointment by a successor trustee with respect to the debt securities of one or more series and to add to or change any of the provisions of the indenture as shall be necessary to provide for or facilitate the administration of the trusts by more than one trustee.

The consent of holders is not necessary under the indenture to approve the particular form of any proposed amendment. It is sufficient if such consent approves the substance of the proposed amendment.

Satisfaction and Discharge; Defeasance

We may be discharged from our obligations on the debt securities of any series that have matured or will mature or be redeemed within one year if we deposit with the trustee enough cash to pay all the principal, interest and any premium due to the stated maturity date or redemption date of the debt securities.

The indenture contains a provision that permits us to elect:

- to be discharged from all of our obligations, subject to limited exceptions, with respect to any series of debt securities then outstanding; and/or
- to be released from our obligations under certain covenants and from the consequences of an event of default resulting from a breach of certain covenants, including covenants as to payment of taxes and maintenance of corporate existence.

To make either of the above elections, we must deposit in trust with the trustee enough money to pay in full the principal and interest on the debt securities. This amount may be made in cash and/or U.S. government obligations. As a condition to either of the above elections, we must deliver to the trustee an opinion of counsel that the holders of the debt securities will not recognize income, gain or loss for federal income tax purposes as a result of the action.

If any of the above events occurs, the holders of the debt securities of the series will not be entitled to the benefits of the indenture, except for the rights of holders to receive payments on debt securities or the registration of transfer and exchange of debt securities and replacement of lost, stolen or mutilated debt securities.

Subordinated Debt Securities

If the trustee or any holder of the notes receives any payment or distribution of our assets in contravention of the subordination provisions on subordinated debt securities before all senior indebtedness is paid in full in cash, property or securities, including by way of set-off, or other payment satisfactory to holders of senior indebtedness, then such payment or distribution will be held in trust for the benefit of holders of senior indebtedness or their representatives to the extent necessary to make payment in full in cash or payment satisfactory to the holders of senior indebtedness of all unpaid senior indebtedness.

In the event of our bankruptcy, dissolution or reorganization, holders of senior indebtedness may receive more, ratably, and holders of subordinated debt securities may receive less, ratably, than our other creditors (including our trade creditors). This subordination will not prevent the occurrence of any event of default under the indenture.

Notices

Notices to holders will be given by mail to the addresses of the holders in the security register.

Governing Law

The indenture and the debt securities will be governed by, and construed under, the law of the State of New York, except to the extent that the Trust Indenture Act of 1939 is applicable.

DESCRIPTION OF WARRANTS

General

We may issue warrants for the purchase of our debt securities, preferred stock or common stock, or any combination thereof. Warrants may be issued independently or together with our debt securities, preferred stock or common stock and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement. We may enter into a warrant agreement with a bank or trust company, as warrant agent. We will indicate the name and address and other information regarding the warrant agent in the applicable prospectus supplement or free writing prospectus relating to a particular series of warrants. The warrant agent will act solely as our agent in connection with the warrants. The warrant agent will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

This summary of certain provisions of the warrants is not complete. For the terms of a particular series of warrants, you should refer to the prospectus supplement or free writing prospectus for that series of warrants and the warrant agreement for that particular series. The terms of any warrants we offer under a prospectus supplement or free writing prospectus may differ from the terms we describe below.

Debt Warrants

The prospectus supplement or free writing prospectus relating to a particular issue of warrants to purchase debt securities will describe the terms of the debt warrants, including the following:

- the title of the debt warrants;
- the offering price for the debt warrants, if any;
- the aggregate number of the debt warrants;
- the designation and terms of the debt securities, including any conversion rights, purchasable upon exercise of the debt warrants;
- if applicable, the date from and after which the debt warrants and any debt securities issued with them will be separately transferable;
- the principal amount of debt securities that may be purchased upon exercise of a debt warrant and the exercise price for the warrants, which may be payable in cash, securities or other property;
- the dates on which the right to exercise the debt warrants will commence and expire;
- if applicable, the minimum or maximum amount of the debt warrants that may be exercised at any one time;
- whether the debt warrants represented by the debt warrant certificates or debt securities that may be issued upon exercise of the debt warrants will be issued in registered or bearer form;
- information with respect to book-entry procedures, if any;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- if applicable, a discussion of material U.S. federal income tax considerations;
- the antidilution provisions of the debt warrants, if any;

- the redemption or call provisions, if any, applicable to the debt warrants;
- any provisions with respect to the holder's right to require us to repurchase the warrants upon a change in control or similar event; and
- any additional terms of the debt warrants, including procedures, and limitations relating to the exchange, exercise and settlement of the debt warrants.

Debt warrant certificates will be exchangeable for new debt warrant certificates of different denominations. Debt warrants may be exercised at the corporate trust office of the warrant agent or any other office indicated in the prospectus supplement or free writing prospectus.

Prior to the exercise of their debt warrants, holders of debt warrants will not have any of the rights of holders of the debt securities purchasable upon exercise and will not be entitled to payment of principal or any premium, if any, or interest on the debt securities purchasable upon exercise or to enforce covenants in the indenture.

Equity Warrants

The prospectus supplement or free writing prospectus relating to a particular series of warrants to purchase our common stock or preferred stock will describe the terms of the warrants, including the following:

- the title of the warrants;
- the offering price for the warrants, if any;
- the aggregate number of warrants;
- the designation and terms of the common stock or preferred stock that may be purchased upon exercise of the warrants;
- if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each security;
- if applicable, the date from and after which the warrants and any securities issued with the warrants will be separately transferable;
- the number of shares of common stock or preferred stock that may be purchased upon exercise of a warrant and the exercise price for the warrants;
- the dates on which the right to exercise the warrants shall commence and expire;
- if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- if applicable, a discussion of material U.S. federal income tax considerations;
- the antidilution provisions of the warrants, if any;
- the redemption or call provisions, if any, applicable to the warrants;

- any provisions with respect to holder's right to require us to repurchase the warrants upon a change in control or similar event; and
- any additional terms of the warrants, including procedures, and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled:

- to vote, consent or receive dividends;
- to receive notice as stockholders with respect to any meeting of stockholders for the election of our directors or any other matter; or
- to exercise any rights as stockholders of the Company.

Exercise of Warrants

Each warrant will entitle the holder to purchase the securities that we specify in the applicable prospectus supplement or free writing prospectus at the exercise price that we describe in the applicable prospectus supplement or free writing prospectus. The warrants may be exercised as set forth in the prospectus supplement or free writing prospectus relating to the warrants offered. Unless we otherwise specify in the applicable prospectus supplement or free writing prospectus, warrants may be exercised at any time up to the close of business on the expiration date set forth in the prospectus supplement or free writing prospectus relating to the warrants offered thereby. After the close of business on the expiration date, unexercised warrants will become void.

Upon receipt of payment and the warrant certificate or agreement, as applicable, properly completed and duly executed at the corporate trust office of the warrant agent, if any, or any other office, including ours, indicated in the prospectus supplement or free writing prospectus, we will, as soon as practicable, issue and deliver the securities purchasable upon such exercise. If less than all of the warrants represented by such warrant certificate or agreement are exercised, a new warrant certificate or agreement will be issued for the remaining warrants.

Governing Law

Unless we provide otherwise in the applicable prospectus supplement or free writing prospectus, the warrants and warrant agreements will be governed by and construed in accordance with the laws of the State of New York.

Enforceability of Rights by Holders of Warrants

Each warrant agent, if any, will act solely as our agent under the applicable warrant agreement and will not assume any obligation or relationship of agency or trust with any holder of any warrant. A single bank or trust company may act as warrant agent for more than one issue of warrants. A warrant agent will have no duty or responsibility in case of any default by us under the applicable warrant agreement or warrant, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a warrant may, without the consent of the related warrant agent or the holder of any other warrant, enforce by appropriate legal action its right to exercise, and receive the securities purchasable upon exercise of, its warrants.

**CERTAIN PROVISIONS OF MINNESOTA LAW,
THE ARTICLES OF INCORPORATION AND BYLAWS**

The following is a description of certain provisions of the Minnesota Business Corporation Act, our articles of incorporation and our corporate bylaws that may discourage an unfriendly attempt to obtain control of the Company. This summary does not purport to be complete and is qualified in its entirety by reference to the Minnesota Business Corporation Act, our articles of incorporation and our corporate bylaws.

Minnesota Business Combination Act

We are subject to the Minnesota Business Combination Act, Section 302A.673 of the Minnesota Business Corporation Act. Subject to certain qualifications and exceptions, the statute prohibits an “interested shareholder” of certain Minnesota corporations that are termed “issuing public corporations” (which definition Creative Realities satisfies) from effecting any “business combination” with the corporation for a period of four years from the date the shareholder becomes an “interested shareholder” unless the corporation’s Board of Directors approved the business combination prior to the shareholder becoming an “interested shareholder” or otherwise approved the shareholder becoming an “interested shareholder.”

An “interested shareholder” is defined to include (i) any beneficial owner of 10% or more of the voting power of the outstanding voting stock of the corporation, or (ii) any affiliate or associate of the corporation, that, within the prior four-year period has at any time directly or indirectly beneficially owned 10% or more of the voting power of the then-outstanding stock of the corporation.

The term “business combination” is defined broadly to include, among other things:

- the merger, consolidation or share exchange of the corporation with the interested shareholder or any corporation that is, or after the merger, consolidation or share exchange would be, an affiliate or associate of the interested shareholder (subject to certain exceptions);
- the sale, lease, exchange, mortgage, pledge, transfer or other disposition to or with an interested shareholder or any affiliate or associate of the interested shareholder, of assets of the corporation or any subsidiary (i) having an aggregate market value of 10% or more of the corporation’s consolidated assets, (ii) having an aggregate market value of 10% or more of the market value of all outstanding shares of the corporation, or (iii) representing 10% or more of the earning power or net income of the corporation determined on a consolidated basis (subject to certain exceptions); or
- the issuance or transfer to an interested shareholder or any affiliate or associate of the interested shareholder of 5% or more of the aggregate market value of the outstanding stock of the corporation (subject to certain exceptions).

The statute is designed to protect minority shareholders by prohibiting transactions in which an acquirer could favor itself at the expense of minority shareholders. The statute’s prohibition on the issuance or transfer to an interested shareholder of 5% or more of the aggregate market value of the outstanding stock of a corporation is subject to an exemption for shares purchased pursuant to the exercise of rights offered on a pro rata basis to all shareholders, such as this rights offering.

Bylaws

Certain provisions of our corporate bylaws could have anti-takeover effects. These provisions are intended to enhance the likelihood of continuity and stability in the composition of our corporate policies formulated by our Board of Directors. In addition, these provisions also are intended to ensure that our Board of Directors will have sufficient time to act in what our Board of Directors believes to be in the best interests of our Company and our shareholders. Nevertheless, these provisions could delay or frustrate the removal of incumbent directors or the assumption of control of us by the holder of a large block of common stock, and could also discourage or make more difficult a merger, tender offer, or proxy contest, even if such event would be favorable to the interest of our shareholders. These provisions are summarized below.

Advance Notice Provisions for Raising Business or Nominating Directors. Sections 2.2 and 3.3 of our bylaws contain advance-notice provisions relating to the ability of shareholders to raise business at a shareholder meeting and make nominations for directors to serve on our Board of Directors. These advance-notice provisions generally require shareholders to raise business within a specified period of time prior to a meeting in order for the business to be properly brought before the meeting. Similarly, our bylaws prescribe the timing of submissions for nominations to our Board of Directors and the certain of factual and background information respecting the nominee and the shareholder making the nomination.

Limited Shareholder Action in Writing. Our bylaws provide that shareholder action can be taken only at an annual or special meeting of shareholders and cannot be taken by written consent in lieu of a meeting by fewer than all shareholders entitled to vote. This provision is consistent with the Minnesota Business Corporation Act, which does not allow for fewer than all shareholders of a public corporation to take action other than at an actual meeting of the shareholders.

Number of Directors and Vacancies. Our bylaws provide that the number of directors shall initially consist of seven persons, with the precise number of directors comprising the board shall be determined from time to time by the board itself. The prescribed number of directors comprising the board may be increased (but not decreased) by a majority of the directors then serving on the board. The bylaws also provide that our board has the right, except as may be provided in the terms of any series of preferred stock created by resolutions of the board, to fill vacancies, including vacancies created by any decision of our board to increase the number of directors comprising the board.

Articles of Incorporation – Blank-Check Preferred Stock Power

Under our articles of incorporation, our board has the authority to fix by resolution the terms and conditions of one or more series of preferred stock and provide by resolution for the issuance of shares of such series.

We believe that the availability of our preferred stock, in each case issuable in series, and additional shares of common stock could facilitate certain financings and acquisitions and provide a means for meeting other corporate needs which might arise. The authorized shares of our preferred stock, as well as authorized but unissued shares of common stock, will be available for issuance without further action by our shareholders, unless shareholder action is required by applicable law or the rules of any stock exchange on which any series of our stock may then be listed, or except as may be provided in the terms of any preferred stock created by resolution of our board.

These provisions give our board the power to approve the issuance of a series of preferred stock, or additional shares of common stock, that could, depending on its terms, either impede or facilitate the completion of a merger, tender offer or other takeover attempt. For example, the issuance of new shares of preferred stock might impede a business combination if the terms of those shares include voting rights which would enable a holder to block business combinations or, alternatively, might facilitate a business combination if those shares have general voting rights sufficient to cause an applicable percentage vote requirement to be satisfied.

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, negotiated transactions, block trades, “at-the-market offerings” (within the meaning of Rule 415(a)(4) of the Securities Act), or a combination of these methods. We may sell the securities to or through underwriters or dealers, through agents, or directly to one or more purchasers. We may distribute securities from time to time in one or more transactions:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the times of sale;
- at prices related to such prevailing market prices; or
- at negotiated prices.

A prospectus supplement or supplements (and any related free writing prospectus that we may authorize to be provided to you) will describe the terms of the offering of the securities, including, to the extent applicable:

- the name or names of the underwriters, if any;
- the purchase price of the securities or other consideration therefor, and the proceeds, if any, we will receive from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any agency fees or underwriting discounts and other items constituting agents’ or underwriters’ compensation;
- any public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchange or market on which the securities may be listed.

Only underwriters named in the prospectus supplement will be underwriters of the securities offered by the prospectus supplement.

If underwriters are used in the sale, they will acquire the securities for their own account and may resell the securities from time to time in one or more transactions at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. We may offer the securities to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all of the securities offered by the prospectus supplement, other than securities covered by any over-allotment option. Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may change from time to time. We may use underwriters with whom we have a material relationship. We will describe in the prospectus supplement, naming the underwriter, the nature of any such relationship.

We may sell securities directly or through agents we designate from time to time. We will name any agent involved in the offering and sale of securities and we will describe any commissions we will pay the agent in the prospectus supplement. Unless the prospectus supplement states otherwise, our agent will act on a best-efforts basis for the period of its appointment.

We may authorize agents or underwriters to solicit offers by certain types of institutional investors to purchase securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we must pay for solicitation of these contracts in the prospectus supplement.

We may provide agents and underwriters with indemnification against civil liabilities, including liabilities under the Securities Act, or contribution with respect to payments that the agents or underwriters may make with respect to these liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

All securities we may offer, other than common stock, will be new issues of securities with no established trading market. Any underwriters may make a market in these securities, but will not be obligated to do so and may discontinue any market making at any time without notice. We cannot guarantee the liquidity of the trading markets for any securities.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum price. Syndicate-covering or other short-covering transactions involve purchases of the securities, either through exercise of the over-allotment option or in the open market after the distribution is completed, to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a stabilizing or covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.

LEGAL MATTERS

The validity of any securities offered from time to time by this prospectus and any related prospectus supplement will be passed upon by Maslon LLP, Minneapolis, Minnesota. If legal matters in connection with offerings made pursuant to this prospectus and any related prospectus supplement are passed upon by counsel to underwriters, dealers or agents, if any, such counsel will be named in the prospectus supplement related to such offering.

EXPERTS

The consolidated balance sheets of Creative Realities, Inc. and Subsidiaries as of December 31, 2019 and 2018, and the related consolidated statements of operations, shareholders' equity, and cash flows for each of the years each then ended, have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report which is incorporated herein. Such financial statements have been incorporated herein in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We are a reporting company and file annual, quarterly and current reports, proxy statements and other information with the Commission. The Commission maintains an Internet site at <http://www.sec.gov> that contains reports, proxy and information statements and other information regarding issuers that file electronically with the Commission. Our Commission filings are available on the Commission's Internet site.

The representations, warranties and covenants made by us in any agreement that is filed as an exhibit to the registration statement of which this prospectus is a part were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were made as of an earlier date. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

We maintain an Internet site at <http://www.cri.com>. Information found on, or accessible through, our website is not a part of, and is not incorporated into, this prospectus, and you should not consider it part of this prospectus or part of any prospectus supplement.

IMPORTANT INFORMATION INCORPORATED BY REFERENCE

We are allowed to incorporate by reference information contained in documents that we file with the Commission. This means that we can disclose important information to you by referring you to those documents and that the information in this prospectus is not complete and you should read the information incorporated by reference for more detail. Information in this prospectus supersedes information incorporated by reference that we filed with the Commission prior to the date of this prospectus, while information that we file later with the Commission will automatically update and supersede the information in this prospectus.

We incorporate by reference the documents listed below and any future filings we will make with the Commission under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act (i) after the date of the initial filing of the registration statement of which this prospectus is a part and prior to effectiveness of such registration statement, and (ii) from the date of this prospectus but prior to the termination of the offering of the securities covered by this prospectus (other than Current Reports or portions thereof furnished under Item 2.02 or 7.01 of Form 8-K):

- Our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2019, which was filed with the Commission on March 13, 2020;
- Quarterly Report on [Form 10-Q](#) for the fiscal quarter ended March 31, 2020, which was filed with the Commission on May 14, 2020
- Current Reports on Form 8-K (or amendment(s) thereto) filed on [January 3, 2020](#); [March 19, 2020](#); [March 27, 2020](#); [April 6, 2020](#); [April 27, 2020](#); [May 1, 2020](#) and [May 8, 2020](#).
- The description of the Company's common stock incorporated into the Company's Registration Statement on [Form 8-A](#) filed with the Commission on November 14, 2018 by reference to the description under the caption "Description of Securities – Common Stock" in the prospectus forming a part of the Company's Registration Statement on [Form S-1](#), as amended (Registration No. 333-225876), which was filed with the Commission on October 31, 2018.

We will provide to each person, including any beneficial owner, to whom a prospectus is delivered a copy of any or all of the documents that are incorporated by reference in this prospectus but not delivered with this prospectus, including exhibits that are specifically incorporated by reference in such documents. You may request a copy of such documents at no cost, by writing or telephoning us at the following address or telephone number:

Creative Realities, Inc.
Attention: Corporate Secretary
13100 Magisterial Drive, Suite 100
Louisville, KY 40223
(502) 791-8800

800,000 Shares of Common Stock

The logo for Creative Realities, Inc. features the company name in a sans-serif font. "Creative" is in a light blue color, and "Realities" is in a darker blue. A small white square icon is positioned to the right of the word "Realities". The text is centered within a solid blue rectangular background.

Creative Realities, Inc.

PROSPECTUS SUPPLEMENT

February 18, 2021
