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

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**FORM 8-K**

**CURRENT REPORT**

**Pursuant To Section 13 or 15(d) of The Securities Exchange Act of 1934**

Date of report (Date of earliest event reported): December 7, 2015

**ROPER TECHNOLOGIES, INC.**

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

1-12273

(Commission File Number)

51-0263969

(IRS Employer Identification No.)

6901 Professional PKWY. East, Suite 200,  
Sarasota, Florida

(Address of Principal Executive Offices)

34240

(Zip code)

(941) 556-2601

Registrant's telephone number, including area code

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

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

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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## Item 8.01. Other Events.

On December 7, 2015, Roper Technologies, Inc. (the “Company”) consummated the issuance and sale of \$600,000,000 principal amount of its 3.000% Senior Notes due 2020 (the “2020 Notes”) and \$300,000,000 principal amount of its 3.850% Senior Notes due 2025 (the “2025 Notes”, together with the 2020 Notes, the “Notes”) pursuant to an underwriting agreement dated November 30, 2015 between the Company and J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC, as representatives of the several underwriters named therein. The Notes have been issued pursuant to an Indenture dated as of August 4, 2008 (the “Indenture”) between the Company and Wells Fargo Bank, National Association, as trustee.

The Notes have been offered pursuant to the Company’s Registration Statement on Form S-3ASR dated November 24, 2015 (Reg. No. 333-208200), including the prospectus contained therein (the “Registration Statement”), and a related preliminary prospectus supplement dated November 30, 2015 and a final prospectus supplement dated November 30, 2015.

The material terms and conditions of the Notes are set forth in the form of Officer’s Certificate filed herewith as Exhibit 4.1 and incorporated by reference herein and in the Indenture filed as Exhibit 4.2 to the Company Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 7, 2008.

## Item 9.01 Financial Statements and Exhibits.

### (d) Exhibits

The following exhibits are filed herewith:

Exhibit Number	Description
4.1	Form of Officer’s Certificate setting forth the terms of the Notes (with forms of Notes attached)
5.1	Opinion of Davis Polk & Wardwell LLP
23.1	Consent of Davis Polk & Wardwell LLP (contained in Exhibit 5.1)

**SIGNATURES**

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

**Roper Technologies, Inc.**

Date: December 7, 2015

By: /s/ John Humphrey  
Name: John Humphrey  
Title: Executive Vice President and Chief Financial Officer

## EXHIBIT INDEX

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## ROPER TECHNOLOGIES, INC.

Officer's Certificate

December 7, 2015

Reference is made to the Indenture dated as of August 4, 2008 (the "**Indenture**") between Roper Technologies, Inc. (the "**Issuer**," ) and Wells Fargo Bank, National Association, as trustee (the "**Trustee**"). The Trustee is the trustee for any and all securities issued under the Indenture. Pursuant to Section 2.01 and Section 2.03 of the Indenture the undersigned officer does hereby certify, in connection with the issuance of \$600,000,000 aggregate principal amount of 3.000% senior notes due 2020 (the "**2020 Notes**") and \$300,000,000 aggregate principal amount of 3.850% senior notes due 2025 (the "**2025 Notes**", together with the 2020 Notes, the "**Notes**") that the terms of the Notes are as follows:

Capitalized terms used but not otherwise defined herein shall have the meanings specified in the Indenture.

**2020 Notes**

*Title:* 3.000% Senior Notes due 2020

*Issuer:* Roper Technologies, Inc.

*Trustee, Registrar, Transfer Agent, Authenticating Agent, and Paying Agent:* Wells Fargo Bank, National Association

*Aggregate Principal Amount at Maturity:* \$600,000,000

*Principal Payment Date:* December 15, 2020

*Interest:* 3.000% per annum

*Date from which Interest will Accrue:* December 7, 2015

*Interest Payment Dates:* June 15 and December 15, commencing on June 15, 2016

*Optional Redemption:* The Issuer may at its option redeem the 2020 Notes in whole or in part, at any time or from time to time prior to November 15, 2020 (one month prior to maturity date), on at least 30 days', but not more than 60 days', prior notice mailed to the registered address of each holder of the 2020 Notes, at a redemption price, calculated by the Issuer, equal to the greater of:

(i) 100% of the principal amount of the 2020 Notes being redeemed; or

(ii) the sum of the present values of the remaining scheduled payments of principal and interest thereon (exclusive of interest accrued as of the date of redemption) discounted to the redemption date on a semiannual basis (assuming a 360-day year consisting of twelve 30-day months) of the 2020 Notes being redeemed at the Treasury Rate (as defined in the 2020 Notes) plus 20 basis points,

plus, in each case, accrued and unpaid interest thereon to the date of redemption.

At any time on or after November 15, 2020 (one month prior to the maturity date), the Issuer may redeem the 2020 Notes, in whole or in part, at a redemption price equal to 100% of the principal amount of the 2020 Notes, plus accrued and unpaid interest thereon to the date of redemption.

<i>Conversion:</i>	None
<i>Sinking Fund:</i>	None
<i>Denominations:</i>	\$2,000 and multiples of \$1,000 thereafter
<i>Miscellaneous:</i>	The terms of the 2020 Notes shall include such other terms as are set forth in the form of 2020 Notes attached hereto as <b><u>Exhibit A</u></b> and in the Indenture.

### **2025 Notes**

<i>Title:</i>	3.850% Senior Notes due 2025
<i>Issuer:</i>	Roper Technologies, Inc.
<i>Trustee, Registrar, Transfer Agent, Authenticating Agent, and Paying Agent:</i>	Wells Fargo Bank, National Association

<i>Aggregate Principal Amount at Maturity:</i>	\$300,000,000
<i>Principal Payment Date:</i>	December 15, 2025
<i>Interest:</i>	3.850% per annum
<i>Date from which Interest will Accrue:</i>	December 7, 2015
<i>Interest Payment Dates:</i>	June 15 and December 15, commencing on June 15, 2016
<i>Optional Redemption:</i>	<p>The Issuer may at its option redeem the 2025 Notes in whole or in part, at any time or from time to time prior to September 15, 2025 (three months prior to maturity date), on at least 30 days', but not more than 60 days', prior notice mailed to the registered address of each holder of the 2025 Notes, at a redemption price, calculated by the Issuer, equal to the greater of:</p> <p>(i) 100% of the principal amount of the 2025 Notes being redeemed; or</p> <p>(ii) the sum of the present values of the remaining scheduled payments of principal and interest thereon (exclusive of interest accrued as of the date of redemption) discounted to the redemption date on a semiannual basis (assuming a 360-day year consisting of twelve 30-day months) of the 2025 Notes being redeemed at the Treasury Rate (as defined in the 2025 Notes) plus 25 basis points,</p> <p>plus, in each case, accrued and unpaid interest thereon to the date of redemption.</p> <p>At any time on or after September 15, 2025 (three months prior to the maturity date), the Issuer may redeem the 2025 Notes, in whole or in part, at a redemption price equal to 100% of the principal amount of the 2025 Notes, plus accrued and unpaid interest thereon to the date of redemption.</p>
<i>Conversion:</i>	None
<i>Sinking Fund:</i>	None
<i>Denominations:</i>	\$2,000 and multiples of \$1,000 thereafter

*Miscellaneous:*

The terms of the 2025 Notes shall include such other terms as are set forth in the form of 2025 Notes attached hereto as **Exhibit B** and in the Indenture.

Subject to the representations, warranties and covenants described in the Indenture, as amended or supplemented from time to time, the Issuer shall be entitled, subject to authorization by the Board of Directors of the Issuer and an Officer's Certificate, to issue additional notes from time to time under each series of notes issued hereby. Any such additional notes of a series shall have identical terms as the Notes issued on the issue date, other than with respect to the date of issuance and the issue price (together the "**Additional Notes**"). Any Additional Notes will be issued in accordance with Section 2.03 of the Indenture.

Such officer has read and understands the provisions of the Indenture and the definitions relating thereto. The statements made in this Officer's Certificate are based upon the examination of the provisions of the Indenture and upon the relevant books and records of the Issuer. In such officer's opinion, he has made such examination or investigation as is necessary to enable such officer to express an informed opinion as to whether or not the covenants and conditions of such Indenture relating to the issuance and authentication of the Notes have been complied with. In such officer's opinion, such covenants and conditions have been complied with.



IN WITNESS WHEREOF, I have signed this certificate.

Dated: December 7, 2015

ROPER TECHNOLOGIES, INC.

By: \_\_\_\_\_  
Name: David B. Liner  
Title: Vice President, General Counsel and  
Secretary

*[Signature Page to Officer's Certificate pursuant to Indenture]*

## [Form of Global Note]

UNLESS THIS NOTE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION (“**DTC**”), TO THE ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY NOTE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS A BENEFICIAL INTEREST HEREIN.

TRANSFERS OF THIS NOTE ARE LIMITED TO TRANSFERS IN WHOLE, BUT NOT IN PART, TO NOMINEES OF DTC OR TO A SUCCESSOR THEREOF OR SUCH SUCCESSOR’S NOMINEE AND TRANSFERS OF PORTIONS OF THIS GLOBAL NOTE ARE LIMITED TO TRANSFERS MADE IN ACCORDANCE WITH THE TRANSFER PROVISIONS OF THE INDENTURE.

IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE REGISTRAR AND TRANSFER AGENT SUCH CERTIFICATES AND OTHER INFORMATION AS SUCH TRANSFER AGENT MAY REASONABLY REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

**ROPER TECHNOLOGIES, INC.**  
**3.000% Senior Notes due 2020**

CUSIP No.: 776743 AA4  
ISIN No.: US776743AA47

\$ \_\_\_\_\_

ROPER TECHNOLOGIES, INC., a Delaware corporation (the “**Issuer**”), for value received promises to pay to CEDE & CO. or registered assigns the principal sum of \_\_\_\_\_ UNITED STATES DOLLARS on December 7, 2015.

Interest Payment Dates: June 15 and December 15 (each, an “**Interest Payment Date**”), commencing on June 15, 2016.

Interest Record Dates: June 1 and December 1 (each, an “**Interest Record Date**”).

Reference is made to the further provisions of this Note contained herein, which will for all purposes have the same effect as if set forth at this place.

IN WITNESS WHEREOF, the Issuer has caused this Note to be signed manually or by facsimile by its duly authorized officers.

ROPER TECHNOLOGIES, INC.

By: \_\_\_\_\_

Name:

Title:

This is one of the Notes of the series designated herein and referred to in the within-mentioned Indenture.

Dated: December 7, 2015

Wells Fargo Bank, National Association,  
as Trustee

By: \_\_\_\_\_  
Authorized Signatory

(REVERSE OF NOTE)  
ROPER TECHNOLOGIES, INC.  
3.000% Senior Notes due 2020

1. Interest.

Roper Technologies, Inc. (the “**Issuer**”) promises to pay interest on the principal amount of this Note at the rate per annum described above (the “**Original Interest Rate**”). Cash interest on the Notes will accrue from the most recent date to which interest has been paid; or, if no interest has been paid, from December 7, 2015. Interest on this Note will be paid to but excluding the relevant Interest Payment Date or on such earlier date as the principal amount shall become due in accordance with the provisions hereof. The Issuer will pay interest semi-annually in arrears on each Interest Payment Date, commencing June 15, 2016. Interest will be computed on the basis of a 360-day year consisting of twelve 30-day months.

The Issuer shall pay interest on overdue principal from time to time on demand at the rate borne by the Notes and on overdue installments of interest (without regard to any applicable grace periods) to the extent lawful.

2. Paying Agent.

Initially, Wells Fargo Bank, National Association (the “**Trustee**”) will act as paying agent. The Issuer may change any paying agent without notice to the Holders.

3. Indenture; Defined Terms.

This Note is one of the 3.000% Notes due 2020 issued under the indenture dated as of August 4, 2008 (the “**Base Indenture**”) by and between the Issuer and the Trustee, and established pursuant to an Officer’s Certificate dated December 7, 2015, issued pursuant to Section 2.01 and Section 2.03 thereof (together, the “**Indenture**”). This Note is a “Security” and the Notes are “Securities” under the Indenture.

For purposes of this Note, unless otherwise defined herein, capitalized terms herein are used as defined in the Indenture. The terms of the Notes include those stated in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939 (15 U.S.C. Sections 77aaa-77bbbb) (the “**TIA**”) as in effect on the date on which the Indenture was qualified under the TIA. Notwithstanding anything to the contrary herein, the Notes are subject to all such terms, and holders of Notes are referred to the Indenture and the TIA for a statement of them. To the extent the terms of the Indenture and this Note are inconsistent, the terms of the Indenture shall govern.

4. Denominations; Transfer; Exchange.

The Notes are in registered form, without coupons, in denominations of \$2,000 and multiples of \$1,000 thereafter. A Holder shall register the transfer or exchange of Notes in accordance with the Indenture. The Issuer may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and to pay certain transfer taxes or similar governmental charges payable in connection therewith as permitted by the Indenture. The Issuer need not issue, authenticate, register the transfer of or exchange any Notes or portions thereof for a period of fifteen (15) days before the mailing of a notice of redemption, nor need the Issuer register the transfer or exchange of any Note selected for redemption in whole or in part.

5. Amendment; Supplement; Waiver.

Subject to certain exceptions, the Notes and the provisions of the Indenture relating to the Notes may be amended or supplemented and any existing default or Event of Default or compliance with certain provisions may be waived with the written consent of the Holders of at least a majority in aggregate principal amount of all series of Outstanding Securities (including the Notes) under the Indenture that are affected by such amendment, supplement or waiver (voting together as a single class). Without notice to or consent of any Holder, the parties thereto may amend or supplement the Indenture and the Notes to, among other things, cure any ambiguity, defect or inconsistency or comply with any requirements of the Commission in connection with the qualification of the Indenture under the TIA, or make any other change that does not adversely affect the rights of any Holder of a Note.

6. Optional Redemption.

The Issuer may redeem the Notes in whole or in part, at its option, at any time or from time to time prior to November 15, 2020 (one month prior to maturity date), on at least 30 days', but not more than 60 days', prior notice mailed to the registered address of each Holder of the Notes (any such date of redemption, a "**Redemption Date**"). The redemption price will be equal to the greater of:

(i) 100% of the principal amount of the Notes to be redeemed; or

(ii) the sum of the present values of the Remaining Scheduled Payments discounted to the Redemption Date, on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months), at a rate equal to the sum of the Treasury Rate plus 20 basis points,

plus, in each case, accrued and unpaid interest thereon to the Redemption Date.

At any time on or after November 15, 2020 (one month prior to the maturity date), the Issuer may redeem the Notes, in whole or in part, at a redemption price equal to 100% of the principal amount of the Notes, plus accrued and unpaid interest thereon to the date of redemption.

Notwithstanding the foregoing, installments of interest on Notes that are due and payable on interest payment dates falling on or prior to a Redemption Date will be payable on the interest payment date to the registered Holders as of the close of business on the relevant record date according to the Notes and the Indenture.

“**Treasury Rate**” means, with respect to any Redemption Date, the rate per annum equal to the semi-annual equivalent yield to maturity or interpolation (on a day count basis) of the interpolated Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such Redemption Date.

“**Comparable Treasury Issue**” means the United States Treasury security or securities selected by an Independent Investment Banker as having an actual or interpolated maturity comparable to the remaining term of the Notes to be redeemed that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of a comparable maturity to the remaining term of such Notes.

“**Comparable Treasury Price**” means, with respect to any Redemption Date, (1) the average of the Reference Treasury Dealer Quotations for such Redemption Date after excluding the highest and lowest of such Reference Treasury Dealer Quotations, or (2) if the Trustee obtains fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

“**Independent Investment Banker**” means one of the Reference Treasury Dealers, appointed by the Trustee after consultation with the Issuer.

“**Reference Treasury Dealer**” means J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated or one other Primary Treasury Dealer selected by Wells Fargo Securities, LLC and their respective affiliates, and their respective successors and one other nationally recognized investment banking firm that is a primary U.S. government securities dealer in the City of New York (a “**Primary Treasury Dealer**”) as selected by the Issuer. If any of the foregoing or their affiliates shall cease to be a Primary Treasury Dealer, the Issuer shall substitute therefor another Primary Treasury Dealer.

“**Reference Treasury Dealer Quotations**” means, with respect to each Reference Treasury Dealer and any Redemption Date, the average, as determined by the Trustee, of the bid and ask prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by such Reference Treasury Dealer at 3:30 p.m., New York City time, on the third Business Day preceding such Redemption Date.



**“Remaining Scheduled Payments”** means, with respect to each Note to be redeemed, the remaining scheduled payments of principal of and interest on the Note that would be due after the related Redemption Date but for the redemption. If that Redemption Date is not an Interest Payment Date with respect to a Note, the amount of the next succeeding scheduled interest payment on the Note will be reduced by the amount of interest accrued on the Note to the Redemption Date.

On and after the Redemption Date, interest will cease to accrue on the Notes or any portion of the Notes called for redemption, unless the Issuer defaults in the payment of the redemption price and accrued interest. On or before the Redemption Date, the Issuer will deposit with a paying agent or the Trustee money sufficient to pay the redemption price of, and accrued interest on, the Notes to be redeemed on that date.

No Notes of a principal amount of \$2,000 or less shall be redeemed in part. Notice of redemption will be mailed by first-class mail at least 30 but not more than 60 days before the Redemption Date to each Holder of Notes to be redeemed at its registered address. If any Note is to be redeemed in part only, the notice of redemption that relates to such Note shall state the portion of the principal amount thereof to be redeemed. A new Note in principal amount equal to the unredeemed portion thereof will be issued in the name of the Holder thereof upon cancellation of the original Note. On and after the Redemption Date, interest will cease to accrue on Notes or portions thereof called for redemption as long as the Issuer has deposited with the paying agent funds in satisfaction of the applicable redemption price.

Notice of any redemption will be mailed at least 30 days but not more than 60 days before the redemption date to each Holder of the Notes to be redeemed. Unless the Issuer defaults in payment of the redemption price, on and after the Redemption Date, interest will cease to accrue on the Notes or portions thereof called for redemption. If less than all of the Notes are to be redeemed, selection of the Notes for redemption will be made by the Trustee in compliance with the requirements of the principal national securities exchange, if any, on which the Notes are listed; or, if the Notes are not so listed, on a *pro rata* basis, by lot or by such method as the Trustee shall deem fair and appropriate.

#### 7. Offer to Repurchase Upon Change of Control

Upon the occurrence of a Change of Control Triggering Event with respect to the Notes, unless the Issuer shall have exercised its right pursuant to Section 6 hereof to redeem the Notes, each Holder of Notes shall have the right to require the Issuer to repurchase all or, at the Holder’s option, any part (in a multiple of \$1,000 provided that the remaining principal amount, if any, following such repurchase shall be at least \$2,000 or a multiple of \$1,000 in excess thereof), of such Holder’s Notes (a **“Change of Control Offer”**) at a repurchase price in cash equal to 101% of the aggregate principal amount of the Notes repurchased

plus accrued and unpaid interest, if any, on the Notes to be repurchased, to, but excluding, the repurchase date (the “**Change of Control Payment**”).

Within 30 days following any Change of Control Triggering Event, the Issuer shall cause a notice to be mailed to Holders of the Notes, with a copy to the Trustee, describing the transaction or transactions that constitute the Change of Control Triggering Event and offering to repurchase the Notes on the date specified in the notice, which date shall be no earlier than 30 days and no later than 60 days from the date such notice is mailed (the “**Change of Control Payment Date**”), pursuant to the procedures required by the Indenture and described in such notice. The Issuer shall comply with the requirements of applicable securities laws and regulations in connection with the repurchase of the Notes as a result of a Change of Control Triggering Event.

On the Change of Control Payment Date, the Issuer shall, to the extent lawful:

- (i) accept for payment all Notes or portions of Notes properly tendered pursuant to the Change of Control Offer;
- (ii) deposit with the paying agent an amount equal to the Change of Control Payment in respect of all Notes or portions of Notes properly tendered; and
- (iii) deliver or cause to be delivered to the Trustee the Notes properly accepted together with an Officer’s Certificate stating the aggregate principal amount of Notes or portions of Notes being purchased by the Issuer.

The paying agent shall promptly mail, to each Holder who properly tendered Notes, the repurchase price for such Notes, and the Trustee shall promptly authenticate and mail (or cause to be transferred by book entry) to each such Holder a new Note equal in principal amount to any unpurchased portion of the Notes surrendered, if any; provided that each new Note will be in a principal amount of \$2,000 or a multiple of \$1,000 in excess thereof.

The Issuer shall not be required to make a Change of Control Offer upon a Change of Control Triggering Event if a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements set forth in the Indenture applicable to a Change of Control Offer made by the Issuer and purchases all Notes properly tendered and not withdrawn under such Change of Control Offer. In the event that such third party terminates or defaults its Change of Control Offer, the Issuer shall be required to make a Change of Control Offer treating the date of such terminating or default as though it were the date of the Change of Control Triggering Event.

The Issuer shall comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations to the extent such

laws and regulations are applicable in connection with the repurchase of Notes as a result of a Change of Control Triggering Event. To the extent that the provision of any such securities laws or regulations conflicts with this Section 7, the Issuer shall comply with those securities laws and regulations and shall not be deemed to have breached its obligations under this Section 7 by virtue of any such conflict.

For purposes of this Section 7, the following terms will be applicable:

**“Change of Control”** means the occurrence of any one of the following: (1) the direct or indirect sale, lease, transfer, conveyance or other disposition (other than by way of merger, amalgamation, arrangement or consolidation), in one or a series of related transactions, of all or substantially all of the Issuer’s properties or assets and those of its subsidiaries, taken as a whole, to one or more persons, other than to the Issuer or one of its subsidiaries; (2) the consummation of any transaction including, without limitation, any merger, amalgamation, arrangement or consolidation the result of which is that any person becomes the beneficial owner, directly or indirectly, of more than 50% of the Issuer’s Voting Stock; (3) the Issuer consolidates with, or merge with or into, any person, or any person consolidates with, or merges with or into, the Issuer, in any such event pursuant to a transaction in which any of the outstanding Voting Stock of the Issuer or of such other person is converted into or exchanged for cash, securities or other property, other than any such transaction where the shares of the Issuer’s Voting Stock outstanding immediately prior to such transaction constitute, or are converted into or exchanged for, a majority of the Voting Stock of the surviving person immediately after giving effect to such transaction; or (4) the adoption of a plan relating to our liquidation or dissolution. For the purposes of this definition, “person” and “beneficial owner” have the meanings used in Section 13(d) of the Exchange Act.

**“Change of Control Triggering Event”** means the Notes cease to be rated Investment Grade by both Rating Agencies on any date during the period (the “Trigger Period”) commencing 60 days prior to the first public announcement of the Change of Control or the Issuer’s intention to effect a Change of Control and ending 60 days following consummation of such Change of Control, which Trigger Period will be extended following consummation of a Change of Control for so long as any of the Rating Agencies has publicly announced that it is considering a possible ratings change. Unless at least one Rating Agency is providing a rating for the Notes at the commencement of any Trigger Period, the Notes will be deemed to have ceased to be rated Investment Grade during that Trigger Period. Notwithstanding the foregoing, no Change of Control Triggering Event will be deemed to have occurred in connection with any particular Change of Control unless and until such Change of Control has actually been consummated.

**“Investment Grade”** means a rating equal to or higher than Baa3 (or the equivalent) by Moody’s or BBB- (or the equivalent) by S&P, and the equivalent investment grade credit rating from any replacement Rating Agency or Rating Agencies selected by the Issuer.

“**Moody’s**” means Moody’s Investors Service, Inc., a subsidiary of Moody’s Corporation, and its successors.

“**Rating Agencies**” means (a) each of Moody’s and S&P; and (b) if any of the Rating Agencies ceases to provide rating services to issuers or investors, and no Change of Control Triggering Event has occurred or is occurring, a “nationally recognized statistical rating organization” within the meaning of Section 3(a)(62) of the Exchange Act that is selected by the Issuer (as certified by a resolution of the Board of Directors) as a replacement for Moody’s or S&P, or both of them, as the case may be, and that is reasonably acceptable to the Trustee.

“**S&P**” means Standard & Poor’s Rating Services, a division of The McGraw-Hill Companies, Inc., and its successors.

“**Voting Stock**” of any specified person as of any date means the capital stock of such person that is at the time entitled to vote generally in the election of the board of directors of such person.

#### 8. Defaults and Remedies.

If an Event of Default (other than certain bankruptcy Events of Default with respect to the Issuer) under the Indenture occurs with respect to the Notes and is continuing, then the Trustee may and, at the direction of the Holders of at least 25% in principal amount of all series of Outstanding Securities (including the Notes) under the Indenture that are affected by such Event of Default (voting together as a single class), shall by written notice, require the Issuer to repay immediately the entire principal amount of the Outstanding Notes, together with all accrued and unpaid interest and premium, if any. If a bankruptcy Event of Default with respect to the Issuer occurs and is continuing, then the entire principal amount of the Outstanding Notes will automatically become due immediately and payable without any declaration or other act on the part of the Trustee or any Holder. Holders of Notes may not enforce the Indenture or the Notes except as provided in the Indenture. The Trustee is not obligated to enforce the Indenture or the Notes unless it has received indemnity as it reasonably requires. The Indenture permits, subject to certain limitations therein provided, Holders of a majority in aggregate principal amount of the Outstanding Securities (including the Notes) affected (voting together as a single class) to direct the Trustee in its exercise of any trust or power. The Trustee may withhold from Holders of Notes notice of certain continuing defaults or Events of Default if it determines that withholding notice is in their interest.

#### 9. Authentication.

This Note shall not be valid until the Trustee manually signs the certificate of authentication on this Note.

10. Abbreviations and Defined Terms.

Customary abbreviations may be used in the name of a Holder of a Note or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

11. CUSIP Numbers.

Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Issuer has caused CUSIP numbers to be printed on the Notes as a convenience to the Holders of the Notes. No representation is made as to the accuracy of such numbers as printed on the Notes and reliance may be placed only on the other identification numbers printed hereon.

12. Governing Law.

The laws of the State of New York shall govern the Indenture and this Note thereof.

ASSIGNMENT FORM

To assign this Note, fill in the form below:

I or we assign and transfer this Note to

(Print or type assignee's name, address and zip code)

(Insert assignee's soc. sec. or tax I.D. No.)

and irrevocably appoint agent to transfer this Note on the books of the Issuer. The agent may substitute another to act for him.

Date: \_\_\_\_\_ Your Signature: \_\_\_\_\_

Sign exactly as your name appears on the other side of this Note.

\_\_\_\_\_  
Signature

Signature Guarantee:

\_\_\_\_\_  
Signature must be guaranteed

\_\_\_\_\_  
Signature

Signatures must be guaranteed by an "eligible guarantor institution" meeting the requirements of the Registrar, which requirements include membership or participation in the Security Transfer Agent Medallion Program ("STAMP") or such other "signature guarantee program" as may be determined by the Registrar in addition to, or in substitution for, STAMP, all in accordance with the United States Securities Exchange Act of 1934, as amended.

**SCHEDULE OF EXCHANGES OF NOTES**

a. The following exchanges of a part of this Global Note for Physical Notes or a part of another Global Note have been made:

<u>Date of Exchange</u>	<u>Amount of decrease in principal amount of this Global Note</u>	<u>Amount of increase in principal amount of this Global Note</u>	<u>Principal amount of this Global Note following such decrease (or increase)</u>	<u>Signature of authorized signatory of Trustee</u>
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**REPURCHASE EXERCISE NOTICE UPON A CHANGE OF CONTROL**

To: Roper Technologies, Inc.

The undersigned registered owner of this Security hereby acknowledges receipt of a notice from Roper Technologies, Inc. (the “**Issuer**”) as to the occurrence of a Change of Control Triggering Event with respect to the Issuer and hereby directs the Issuer to pay, or cause the Trustee to pay, \_\_\_\_\_ an amount in cash equal to 101% of the aggregate principal amount of the Notes, or the portion thereof (which is a multiple of \$1,000, provided that the remaining principal amount, if any, following such repurchase shall be at least \$2,000 or a multiple of \$1,000 in excess thereof) below designated, to be repurchased plus interest accrued to, but excluding, the repurchase date, except as provided in the Indenture.

Dated: \_\_\_\_\_

Signature: \_\_\_\_\_

Principal amount to be repurchased (a multiple of \$1,000): \_\_\_\_\_

Remaining principal amount following such repurchase: \_\_\_\_\_  
(zero or at least \$2,000 or a multiple of \$1,000 in excess thereof)

By: \_\_\_\_\_  
Authorized Signatory



## [Form of Global Note]

UNLESS THIS NOTE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION (“**DTC**”), TO THE ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY NOTE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS A BENEFICIAL INTEREST HEREIN.

TRANSFERS OF THIS NOTE ARE LIMITED TO TRANSFERS IN WHOLE, BUT NOT IN PART, TO NOMINEES OF DTC OR TO A SUCCESSOR THEREOF OR SUCH SUCCESSOR’S NOMINEE AND TRANSFERS OF PORTIONS OF THIS GLOBAL NOTE ARE LIMITED TO TRANSFERS MADE IN ACCORDANCE WITH THE TRANSFER PROVISIONS OF THE INDENTURE.

IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE REGISTRAR AND TRANSFER AGENT SUCH CERTIFICATES AND OTHER INFORMATION AS SUCH TRANSFER AGENT MAY REASONABLY REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

**ROPER TECHNOLOGIES, INC.**  
**3.850% Senior Notes due 2025**

CUSIP No.: 776743 AB2  
ISIN No.: US776743AB20

\$ \_\_\_\_\_

ROPER TECHNOLOGIES, INC., a Delaware corporation (the “**Issuer**”), for value received promises to pay to CEDE & CO. or registered assigns the principal sum of \_\_\_\_\_ UNITED STATES DOLLARS on December 7, 2015.

Interest Payment Dates: June 15 and December 15 (each, an “**Interest Payment Date**”), commencing on June 15, 2016.

Interest Record Dates: June 1 and December 1 (each, an “**Interest Record Date**”).

Reference is made to the further provisions of this Note contained herein, which will for all purposes have the same effect as if set forth at this place.

IN WITNESS WHEREOF, the Issuer has caused this Note to be signed manually or by facsimile by its duly authorized officers.

ROPER TECHNOLOGIES, INC.

By: \_\_\_\_\_

Name:

Title:

This is one of the Notes of the series designated herein and referred to in the within-mentioned Indenture.

Dated: December 7, 2015

Wells Fargo Bank, National Association,  
as Trustee

By: \_\_\_\_\_  
Authorized Signatory

(REVERSE OF NOTE)  
ROPER TECHNOLOGIES, INC.  
3.850% Senior Notes due 2025

1. Interest.

Roper Technologies, Inc. (the “**Issuer**”) promises to pay interest on the principal amount of this Note at the rate per annum described above (the “**Original Interest Rate**”). Cash interest on the Notes will accrue from the most recent date to which interest has been paid; or, if no interest has been paid, from December 7, 2015. Interest on this Note will be paid to but excluding the relevant Interest Payment Date or on such earlier date as the principal amount shall become due in accordance with the provisions hereof. The Issuer will pay interest semi-annually in arrears on each Interest Payment Date, commencing June 15, 2016. Interest will be computed on the basis of a 360-day year consisting of twelve 30-day months.

The Issuer shall pay interest on overdue principal from time to time on demand at the rate borne by the Notes and on overdue installments of interest (without regard to any applicable grace periods) to the extent lawful.

2. Paying Agent.

Initially, Wells Fargo Bank, National Association (the “**Trustee**”) will act as paying agent. The Issuer may change any paying agent without notice to the Holders.

3. Indenture; Defined Terms.

This Note is one of the 3.850% Notes due 2025 issued under the indenture dated as of August 4, 2008 (the “**Base Indenture**”) by and between the Issuer and the Trustee, and established pursuant to an Officer’s Certificate dated December 7, 2015, issued pursuant to Section 2.01 and Section 2.03 thereof (together, the “**Indenture**”). This Note is a “Security” and the Notes are “Securities” under the Indenture.

For purposes of this Note, unless otherwise defined herein, capitalized terms herein are used as defined in the Indenture. The terms of the Notes include those stated in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939 (15 U.S.C. Sections 77aaa-77bbb) (the “**TIA**”) as in effect on the date on which the Indenture was qualified under the TIA. Notwithstanding anything to the contrary herein, the Notes are subject to all such terms, and holders of Notes are referred to the Indenture and the TIA for a statement of them. To the extent the terms of the Indenture and this Note are inconsistent, the terms of the Indenture shall govern.

4. Denominations; Transfer; Exchange.

The Notes are in registered form, without coupons, in denominations of \$2,000 and multiples of \$1,000 thereafter. A Holder shall register the transfer or exchange of Notes in accordance with the Indenture. The Issuer may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and to pay certain transfer taxes or similar governmental charges payable in connection therewith as permitted by the Indenture. The Issuer need not issue, authenticate, register the transfer of or exchange any Notes or portions thereof for a period of fifteen (15) days before the mailing of a notice of redemption, nor need the Issuer register the transfer or exchange of any Note selected for redemption in whole or in part.

5. Amendment; Supplement; Waiver.

Subject to certain exceptions, the Notes and the provisions of the Indenture relating to the Notes may be amended or supplemented and any existing default or Event of Default or compliance with certain provisions may be waived with the written consent of the Holders of at least a majority in aggregate principal amount of all series of Outstanding Securities (including the Notes) under the Indenture that are affected by such amendment, supplement or waiver (voting together as a single class). Without notice to or consent of any Holder, the parties thereto may amend or supplement the Indenture and the Notes to, among other things, cure any ambiguity, defect or inconsistency or comply with any requirements of the Commission in connection with the qualification of the Indenture under the TIA, or make any other change that does not adversely affect the rights of any Holder of a Note.

6. Optional Redemption.

The Issuer may redeem the Notes in whole or in part, at its option, at any time or from time to time prior to September 15, 2015 (three months prior to maturity date), on at least 30 days', but not more than 60 days', prior notice mailed to the registered address of each Holder of the Notes (any such date of redemption, a "**Redemption Date**"). The redemption price will be equal to the greater of:

(i) 100% of the principal amount of the Notes to be redeemed; or

(ii) the sum of the present values of the Remaining Scheduled Payments discounted to the Redemption Date, on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months), at a rate equal to the sum of the Treasury Rate plus 25 basis points,

plus, in each case, accrued and unpaid interest thereon to the Redemption Date.

At any time on or after September 15, 2025 (three months prior to the maturity date), the Issuer may redeem the Notes, in whole or in part, at a

redemption price equal to 100% of the principal amount of the Notes, plus accrued and unpaid interest thereon to the date of redemption.

Notwithstanding the foregoing, installments of interest on Notes that are due and payable on interest payment dates falling on or prior to a Redemption Date will be payable on the interest payment date to the registered Holders as of the close of business on the relevant record date according to the Notes and the Indenture.

“**Treasury Rate**” means, with respect to any Redemption Date, the rate per annum equal to the semi-annual equivalent yield to maturity or interpolation (on a day count basis) of the interpolated Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such Redemption Date.

“**Comparable Treasury Issue**” means the United States Treasury security or securities selected by an Independent Investment Banker as having an actual or interpolated maturity comparable to the remaining term of the Notes to be redeemed that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of a comparable maturity to the remaining term of such Notes.

“**Comparable Treasury Price**” means, with respect to any Redemption Date, (1) the average of the Reference Treasury Dealer Quotations for such Redemption Date after excluding the highest and lowest of such Reference Treasury Dealer Quotations, or (2) if the Trustee obtains fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

“**Independent Investment Banker**” means one of the Reference Treasury Dealers, appointed by the Trustee after consultation with the Issuer.

“**Reference Treasury Dealer**” means J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated or one other Primary Treasury Dealer selected by Wells Fargo Securities, LLC and their respective affiliates, and their respective successors and one other nationally recognized investment banking firm that is a primary U.S. government securities dealer in the City of New York (a “**Primary Treasury Dealer**”) as selected by the Issuer. If any of the foregoing or their affiliates shall cease to be a Primary Treasury Dealer, the Issuer shall substitute therefor another Primary Treasury Dealer.

“**Reference Treasury Dealer Quotations**” means, with respect to each Reference Treasury Dealer and any Redemption Date, the average, as determined by the Trustee, of the bid and ask prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by such Reference Treasury Dealer at 3:30 p.m., New York City time, on the third Business Day preceding such Redemption Date.

**“Remaining Scheduled Payments”** means, with respect to each Note to be redeemed, the remaining scheduled payments of principal of and interest on the Note that would be due after the related Redemption Date but for the redemption. If that Redemption Date is not an Interest Payment Date with respect to a Note, the amount of the next succeeding scheduled interest payment on the Note will be reduced by the amount of interest accrued on the Note to the Redemption Date.

On and after the Redemption Date, interest will cease to accrue on the Notes or any portion of the Notes called for redemption, unless the Issuer defaults in the payment of the redemption price and accrued interest. On or before the Redemption Date, the Issuer will deposit with a paying agent or the Trustee money sufficient to pay the redemption price of, and accrued interest on, the Notes to be redeemed on that date.

No Notes of a principal amount of \$2,000 or less shall be redeemed in part. Notice of redemption will be mailed by first-class mail at least 30 but not more than 60 days before the Redemption Date to each Holder of Notes to be redeemed at its registered address. If any Note is to be redeemed in part only, the notice of redemption that relates to such Note shall state the portion of the principal amount thereof to be redeemed. A new Note in principal amount equal to the unredeemed portion thereof will be issued in the name of the Holder thereof upon cancellation of the original Note. On and after the Redemption Date, interest will cease to accrue on Notes or portions thereof called for redemption as long as the Issuer has deposited with the paying agent funds in satisfaction of the applicable redemption price.

Notice of any redemption will be mailed at least 30 days but not more than 60 days before the redemption date to each Holder of the Notes to be redeemed. Unless the Issuer defaults in payment of the redemption price, on and after the Redemption Date, interest will cease to accrue on the Notes or portions thereof called for redemption. If less than all of the Notes are to be redeemed, selection of the Notes for redemption will be made by the Trustee in compliance with the requirements of the principal national securities exchange, if any, on which the Notes are listed; or, if the Notes are not so listed, on a *pro rata* basis, by lot or by such method as the Trustee shall deem fair and appropriate.

#### 7. Offer to Repurchase Upon Change of Control

Upon the occurrence of a Change of Control Triggering Event with respect to the Notes, unless the Issuer shall have exercised its right pursuant to Section 6 hereof to redeem the Notes, each Holder of Notes shall have the right to require the Issuer to repurchase all or, at the Holder’s option, any part (in a multiple of \$1,000 provided that the remaining principal amount, if any, following such repurchase shall be at least \$2,000 or a multiple of \$1,000 in excess thereof), of such Holder’s Notes (a **“Change of Control Offer”**) at a repurchase price in cash equal to 101% of the aggregate principal amount of the Notes repurchased



plus accrued and unpaid interest, if any, on the Notes to be repurchased, to, but excluding, the repurchase date (the “**Change of Control Payment**”).

Within 30 days following any Change of Control Triggering Event, the Issuer shall cause a notice to be mailed to Holders of the Notes, with a copy to the Trustee, describing the transaction or transactions that constitute the Change of Control Triggering Event and offering to repurchase the Notes on the date specified in the notice, which date shall be no earlier than 30 days and no later than 60 days from the date such notice is mailed (the “**Change of Control Payment Date**”), pursuant to the procedures required by the Indenture and described in such notice. The Issuer shall comply with the requirements of applicable securities laws and regulations in connection with the repurchase of the Notes as a result of a Change of Control Triggering Event.

On the Change of Control Payment Date, the Issuer shall, to the extent lawful:

- (i) accept for payment all Notes or portions of Notes properly tendered pursuant to the Change of Control Offer;
- (ii) deposit with the paying agent an amount equal to the Change of Control Payment in respect of all Notes or portions of Notes properly tendered; and
- (iii) deliver or cause to be delivered to the Trustee the Notes properly accepted together with an Officer’s Certificate stating the aggregate principal amount of Notes or portions of Notes being purchased by the Issuer.

The paying agent shall promptly mail, to each Holder who properly tendered Notes, the repurchase price for such Notes, and the Trustee shall promptly authenticate and mail (or cause to be transferred by book entry) to each such Holder a new Note equal in principal amount to any unpurchased portion of the Notes surrendered, if any; provided that each new Note will be in a principal amount of \$2,000 or a multiple of \$1,000 in excess thereof.

The Issuer shall not be required to make a Change of Control Offer upon a Change of Control Triggering Event if a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements set forth in the Indenture applicable to a Change of Control Offer made by the Issuer and purchases all Notes properly tendered and not withdrawn under such Change of Control Offer. In the event that such third party terminates or defaults its Change of Control Offer, the Issuer shall be required to make a Change of Control Offer treating the date of such terminating or default as though it were the date of the Change of Control Triggering Event.

The Issuer shall comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations to the extent such

laws and regulations are applicable in connection with the repurchase of Notes as a result of a Change of Control Triggering Event. To the extent that the provision of any such securities laws or regulations conflicts with this Section 7, the Issuer shall comply with those securities laws and regulations and shall not be deemed to have breached its obligations under this Section 7 by virtue of any such conflict.

For purposes of this Section 7, the following terms will be applicable:

**“Change of Control”** means the occurrence of any one of the following: (1) the direct or indirect sale, lease, transfer, conveyance or other disposition (other than by way of merger, amalgamation, arrangement or consolidation), in one or a series of related transactions, of all or substantially all of the Issuer’s properties or assets and those of its subsidiaries, taken as a whole, to one or more persons, other than to the Issuer or one of its subsidiaries; (2) the consummation of any transaction including, without limitation, any merger, amalgamation, arrangement or consolidation the result of which is that any person becomes the beneficial owner, directly or indirectly, of more than 50% of the Issuer’s Voting Stock; (3) the Issuer consolidates with, or merge with or into, any person, or any person consolidates with, or merges with or into, the Issuer, in any such event pursuant to a transaction in which any of the outstanding Voting Stock of the Issuer or of such other person is converted into or exchanged for cash, securities or other property, other than any such transaction where the shares of the Issuer’s Voting Stock outstanding immediately prior to such transaction constitute, or are converted into or exchanged for, a majority of the Voting Stock of the surviving person immediately after giving effect to such transaction; or (4) the adoption of a plan relating to our liquidation or dissolution. For the purposes of this definition, “person” and “beneficial owner” have the meanings used in Section 13(d) of the Exchange Act.

**“Change of Control Triggering Event”** means the Notes cease to be rated Investment Grade by both Rating Agencies on any date during the period (the “Trigger Period”) commencing 60 days prior to the first public announcement of the Change of Control or the Issuer’s intention to effect a Change of Control and ending 60 days following consummation of such Change of Control, which Trigger Period will be extended following consummation of a Change of Control for so long as any of the Rating Agencies has publicly announced that it is considering a possible ratings change. Unless at least one Rating Agency is providing a rating for the Notes at the commencement of any Trigger Period, the Notes will be deemed to have ceased to be rated Investment Grade during that Trigger Period. Notwithstanding the foregoing, no Change of Control Triggering Event will be deemed to have occurred in connection with any particular Change of Control unless and until such Change of Control has actually been consummated.

**“Investment Grade”** means a rating equal to or higher than Baa3 (or the equivalent) by Moody’s or BBB- (or the equivalent) by S&P, and the equivalent investment grade credit rating from any replacement Rating Agency or Rating Agencies selected by the Issuer.

“**Moody’s**” means Moody’s Investors Service, Inc., a subsidiary of Moody’s Corporation, and its successors.

“**Rating Agencies**” means (a) each of Moody’s and S&P; and (b) if any of the Rating Agencies ceases to provide rating services to issuers or investors, and no Change of Control Triggering Event has occurred or is occurring, a “nationally recognized statistical rating organization” within the meaning of Section 3(a)(62) of the Exchange Act that is selected by the Issuer (as certified by a resolution of the Board of Directors) as a replacement for Moody’s or S&P, or both of them, as the case may be, and that is reasonably acceptable to the Trustee.

“**S&P**” means Standard & Poor’s Rating Services, a division of The McGraw-Hill Companies, Inc., and its successors.

“**Voting Stock**” of any specified person as of any date means the capital stock of such person that is at the time entitled to vote generally in the election of the board of directors of such person.

#### 8. Defaults and Remedies.

If an Event of Default (other than certain bankruptcy Events of Default with respect to the Issuer) under the Indenture occurs with respect to the Notes and is continuing, then the Trustee may and, at the direction of the Holders of at least 25% in principal amount of all series of Outstanding Securities (including the Notes) under the Indenture that are affected by such Event of Default (voting together as a single class), shall by written notice, require the Issuer to repay immediately the entire principal amount of the Outstanding Notes, together with all accrued and unpaid interest and premium, if any. If a bankruptcy Event of Default with respect to the Issuer occurs and is continuing, then the entire principal amount of the Outstanding Notes will automatically become due immediately and payable without any declaration or other act on the part of the Trustee or any Holder. Holders of Notes may not enforce the Indenture or the Notes except as provided in the Indenture. The Trustee is not obligated to enforce the Indenture or the Notes unless it has received indemnity as it reasonably requires. The Indenture permits, subject to certain limitations therein provided, Holders of a majority in aggregate principal amount of the Outstanding Securities (including the Notes) affected (voting together as a single class) to direct the Trustee in its exercise of any trust or power. The Trustee may withhold from Holders of Notes notice of certain continuing defaults or Events of Default if it determines that withholding notice is in their interest.

#### 9. Authentication.

This Note shall not be valid until the Trustee manually signs the certificate of authentication on this Note.

10. Abbreviations and Defined Terms.

Customary abbreviations may be used in the name of a Holder of a Note or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

11. CUSIP Numbers.

Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Issuer has caused CUSIP numbers to be printed on the Notes as a convenience to the Holders of the Notes. No representation is made as to the accuracy of such numbers as printed on the Notes and reliance may be placed only on the other identification numbers printed hereon.

12. Governing Law.

The laws of the State of New York shall govern the Indenture and this Note thereof.

ASSIGNMENT FORM

To assign this Note, fill in the form below:

I or we assign and transfer this Note to

(Print or type assignee's name, address and zip code)

(Insert assignee's soc. sec. or tax I.D. No.)

and irrevocably appoint agent to transfer this Note on the books of the Issuer. The agent may substitute another to act for him.

Date: \_\_\_\_\_ Your Signature: \_\_\_\_\_

Sign exactly as your name appears on the other side of this Note.

\_\_\_\_\_  
Signature

Signature Guarantee:

\_\_\_\_\_  
Signature must be guaranteed

\_\_\_\_\_  
Signature

Signatures must be guaranteed by an "eligible guarantor institution" meeting the requirements of the Registrar, which requirements include membership or participation in the Security Transfer Agent Medallion Program ("STAMP") or such other "signature guarantee program" as may be determined by the Registrar in addition to, or in substitution for, STAMP, all in accordance with the United States Securities Exchange Act of 1934, as amended.

**SCHEDULE OF EXCHANGES OF NOTES**

a. The following exchanges of a part of this Global Note for Physical Notes or a part of another Global Note have been made:

<u>Date of Exchange</u>	<u>Amount of decrease in principal amount of this Global Note</u>	<u>Amount of increase in principal amount of this Global Note</u>	<u>Principal amount of this Global Note following such decrease (or increase)</u>	<u>Signature of authorized signatory of Trustee</u>
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**REPURCHASE EXERCISE NOTICE UPON A CHANGE OF CONTROL**

To: Roper Technologies, Inc.

The undersigned registered owner of this Security hereby acknowledges receipt of a notice from Roper Technologies, Inc. (the “**Issuer**”) as to the occurrence of a Change of Control Triggering Event with respect to the Issuer and hereby directs the Issuer to pay, or cause the Trustee to pay, \_\_\_\_\_ an amount in cash equal to 101% of the aggregate principal amount of the Notes, or the portion thereof (which is a multiple of \$1,000, provided that the remaining principal amount, if any, following such repurchase shall be at least \$2,000 or a multiple of \$1,000 in excess thereof) below designated, to be repurchased plus interest accrued to, but excluding, the repurchase date, except as provided in the Indenture.

Dated: \_\_\_\_\_

Signature: \_\_\_\_\_

Principal amount to be repurchased (a multiple of \$1,000): \_\_\_\_\_

Remaining principal amount following such repurchase: \_\_\_\_\_  
(zero or at least \$2,000 or a multiple of \$1,000 in excess thereof)

By: \_\_\_\_\_  
Authorized Signatory

New York  
Menlo Park  
Washington DC  
São Paulo  
London

Paris  
Madrid  
Tokyo  
Beijing  
Hong Kong

# Davis Polk

Davis Polk & Wardwell LLP 650 752 2058 tel  
1600 El Camino Real 650 752 3658 fax  
Menlo Park, CA 94025

December 7, 2015

Roper Technologies, Inc.  
6901 Professional Parkway East  
Suite 200  
Sarasota, Florida 34240

Ladies and Gentlemen:

Roper Technologies, Inc., a Delaware corporation (the “**Company**”), has filed with the Securities and Exchange Commission a Registration Statement on Form S-3 (File No. 333-208200) (the “**Registration Statement**”) for the purpose of registering under the Securities Act of 1933, as amended (the “**Securities Act**”), certain securities, including \$600,000,000 aggregate principal amount of the Company’s 3.000% senior notes due 2020 (the “**2020 Notes**”) and \$300,000,000 aggregate principal amount of the Company’s 3.850% senior notes due 2025 (the “**2025 Notes**”, together with the 2020 notes, the “**Notes**”). The Securities are to be issued pursuant to the provisions of the Indenture dated as of August 4, 2008 (the “**Indenture**”) between the Company and Wells Fargo Bank, National Association, as trustee (the “**Trustee**”). The Notes are to be sold pursuant to the Underwriting Agreement dated November 30, 2015 (the “**Underwriting Agreement**”) among the Company and the several underwriters named therein (the “**Underwriters**”).

We, as your counsel, have examined originals or copies of such documents, corporate records, certificates of public officials and other instruments as we have deemed necessary or advisable for the purpose of rendering this opinion.

In rendering the opinion expressed herein, we have, without independent inquiry or investigation, assumed that (i) all documents submitted to us as originals are authentic and complete, (ii) all documents submitted to us as copies conform to authentic, complete originals, (iii) all signatures on all documents that we reviewed are genuine, (iv) all natural persons executing documents had and have the legal capacity to do so, (v) all statements in certificates of public officials and officers of the Company that we reviewed were and are accurate and (vi) all representations made by the Company as to matters of fact in the documents that we reviewed were and are accurate.

Based on the foregoing, and subject to the additional assumptions and qualifications set forth below, we advise you that, in our opinion, when the Notes have been duly executed and authenticated in accordance with the provisions of the Indenture and delivered to and paid for by the Underwriters in accordance with the Underwriting Agreement, the Notes will constitute valid and binding obligations of the Company, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors’ rights generally, concepts of reasonableness and equitable principles of general applicability, provided that we express no opinion as to the validity, legally binding effect or enforceability of any provision that permits holders to collect any portion of stated principal amount upon acceleration of the Notes to the extent determined to constitute unearned interest.

In connection with the opinion expressed above, we have assumed that the Company is validly existing as a corporation in good standing under the laws of Delaware. In addition, we have assumed that the Indenture and the Notes (collectively, the “**Documents**”) are valid, binding and enforceable agreements of each party thereto (other than as expressly covered above in respect of the Company). We have also assumed that the execution, delivery and performance by each party to each Document to which it is a party (a) are within its corporate powers, (b) do not contravene, or constitute a default under, the certificate of incorporation or bylaws or other constitutive documents of such party, (c) require no action by or in respect of, or filing with, any governmental body, agency or official and (d) do not contravene, or constitute a default under, any provision of applicable law or regulation or any judgment, injunction, order or decree or any agreement or other instrument binding upon such party.

We are members of the Bars of the States of New York and California and the foregoing opinion is limited to the laws of the State of New York and the General Corporation Law of the State of Delaware, except that we express no opinion as to any law, rule or regulation that is applicable to the Company, the Documents or such transactions solely because such law, rule or regulation is part of a regulatory regime applicable to any party to any of the Documents or any of its affiliates due to the specific assets or business of such party or such affiliate.

We hereby consent to the filing of this opinion as an exhibit to a report on Form 8-K to be filed by the Company on the date hereof and its incorporation by reference into the Registration Statement and further consent to the reference to our name under the caption “**Legal Matters**” in the prospectus supplement which is a part of the Registration Statement. In giving this consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Davis Polk & Wardwell LLP