Ross Brian T Form 4 December 11, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Ross Brian T

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Middle)

(Zip)

MTS SYSTEMS CORP [MTSC]

(Check all applicable)

(First)

(Street)

(State)

3. Date of Earliest Transaction

(Month/Day/Year) 12/09/2018

Director 10% Owner X_ Officer (give title Other (specify

below) Sr. VP & CFO

14000 TECHNOLOGY DRIVE

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

EDEN PRAIRIE, MN 55344

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) Amount (D)

Transaction(s) (Instr. 3 and 4)

Common 12/09/2018 Stock

Price F 75 D 47.59

 $7,301 \frac{(1)}{2}$

D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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8. Price Derivat Securit (Instr. 5

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and a Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 71.52					<u>(2)</u>	01/15/2022	Common Stock	1,898
Stock Option (right to buy)	\$ 61.74					(2)	12/09/2022	Common Stock	4,425
Stock Option (right to buy)	\$ 46.25					(3)	04/17/2024	Common Stock	4,673
Stock Option (right to buy)	\$ 52.65					<u>(4)</u>	05/15/2024	Common Stock	4,367
Stock Option (right to buy)	\$ 52.3					<u>(5)</u>	04/17/2025	Common Stock	5,600
Stock Option (right to buy)	\$ 48.8					<u>(6)</u>	12/05/2025	Common Stock	9,707

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
Ross Brian T 14000 TECHNOLOGY DRIVE			Sr. VP & CFO			
EDEN PRAIRIE, MN 55344			Si. VI & CI O			

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Signatures

/s/ Amanda Lorentz as attorney-in-fact for Brian T. Ross pursuant to Power of Attorney previously filed.

12/11/2018

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
 - Includes (i) 145 restricted stock units that vest on 7/15/19; (ii) 648 restricted stock units that vest as to 324 shares on each of 4/17/19 and 4/17/20; (iii) 532 restricted stock units that vest as to 266 shares on each of 5/15/19 and 5/15/20; (iv) 917 restricted stock units that vest as
- (1) to 306 shares on each of 12/15/18 and 12/15/19 and as to 305 shares on 12/15/20; (v) 1,195 restricted stock units that vest as to 399 shares on 4/17/19 and 398 shares on each of 4/17/20 and 4/17/21; and (vi) 2,510 restricted stock units that vest as to 837 shares on each of 12/5/19 and 12/5/20 and as to 837 shares on 12/5/21.
- (2) Fully exercisable.
- (3) Options to purchase 1,557 shares vest on 4/17/18 and options to purchase 1,558 shares vest on each of 4/17/19 and 4/17/20.
- (4) Options to purchase 1,456 shares vest on each of 5/15/18 and 5/15/19 and options to purchase 1,455 shares vest on 5/15/20.
- (5) Options to purchase 1,867 shares vest on each of 4/17/19 and 4/17/20 and options to purchase 1,866 shares vest on 4/17/21.
- (6) Options to purchase 3,236 shares vest on each of 12/5/19 and 12/5/20 and options to purchase 3,235 shares vest on 12/5/21.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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