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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

#### OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

0.5 hours per response:

1. Name and Addre Medpace Inv	ss of Reporting Pers restors, LLC	on*	2. Issuer Name and Ticker or Trading Symbol <u>Medpace Holdings, Inc.</u> [ MEDP ]		tionship of Reporting all applicable) Director	Perso X	n(s) to Issuer 10% Owner	
	(First) (Middle) HOLDINGS, INC.		3. Date of Earliest Transaction (Month/Day/Year) 09/25/2018		Officer (give title below)		Other (specify below)	
5375 MEDPACE WAY			4. If Amendment, Date of Original Filed (Month/Day/Year)	Line)	vidual or Joint/Group Filing (Check Applicable			
(Street) CINCINNATI	OH	45227		X	Form filed by One I Form filed by More Person	•	0	
(City)	(State)	(Zip)						

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code (Instr.		4. Securities A Disposed Of (			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/25/2018		<b>S</b> <sup>(1)</sup>		38,640 <sup>(1)</sup>	D	<b>\$58.36</b> <sup>(2)</sup>	8,989,174	D	
Common Stock	09/26/2018		S <sup>(1)</sup>		46,886 <sup>(1)</sup>	D	\$58.38 <sup>(3)</sup>	8,942,288	D	
Common Stock	09/27/2018		<b>S</b> <sup>(1)</sup>		<b>46,778</b> <sup>(1)</sup>	D	<b>\$58.96</b> <sup>(4)</sup>	8,895,510	D	

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

(e.g., puts, calls, warrants, options, convertible securities)

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. Transa Code ( 8)		5. Nu of Deriv Secu Acqu (A) or Dispo of (D) (Instr and 5	ative rities ired osed . 3, 4	6. Date Exerc Expiration Da (Month/Day/Y	7. Title Amour Securi Underl Deriva Securi and 4)	nt of ties ying tive ty (Instr. 3	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on August 20, 2018.

2. The reported price is a weighted average price. These shares were sold in multiple transactions ranging from \$58.00 to \$58.82. The Reporting Person undertakes to provide full pricing information to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission upon request.

3. The reported price is a weighted average price. These shares were sold in multiple transactions ranging from \$58.00 to \$59.29. The Reporting Person undertakes to provide full pricing information to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission upon request.

4. The reported price is a weighted average price. These shares were sold in multiple transactions ranging from \$58.00 to \$59.49. The Reporting Person undertakes to provide full pricing information to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission upon request.

/s/ Stephen P. Ewald, Authorized Signatory for 09/27/2018 Medpace Investors, LLC Date

\*\* Signature of Reporting Person

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.