FORM 4

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

(Print or Type Responses)

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

OMB APPROVAL
OMB Number 3235-0287 Expires: January 31, 2005 Estimated average burden hours per response 0.5

1. Name and Address of Reporting Person *

Williams (Last) Brian (First) (Middle)

200 North Milwaukee Avenue (Street)

Vernon Hills (City) IL (State) 60061 (Zip)

2. Issuer Name and Ticker or Trading Symbol: CDW Corporation (CDWC)

3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary)

4. Statement for Month/Day/Year: 08/13/2004

5. If Amendment, Date of Original (Month/Day/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

X Director ___ 10% owner

___ Officer (give title below) ___ Other (specify below)

7. Individual or Joint/Group Filing (Check Applicable Line)

X Form filed by One Reporting Person

___ Form filed by More than One Reporting Person

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)	3. Transaction Code (Instr. 8)		4. Security Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common stock, $.01 par value	08/13/04		P		1,000	A	$57.64	5,418	D	

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).

(Over)

SEC 1474 (9-02)

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FORM 4 (continued)

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transactions (Instr. 4)	10. Ownership Form of Derivative Security 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:

Barbara A. Klein
** Signature of Reporting Person Attorney-in-fact

8/16/04
Date

** 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 provided is insufficient, see Instruction 6 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.

Williams, Brian
200 North Milwaukee Avenue

Vernon Hills IL 60061
CDW Corporation (CDWC)
08/13/2004