## MOORE WILLIAM M Form 3 April 05, 2007 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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(h) of the Investment Company Act of 1940

#### OMB APPROVAL

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(Print or Type Responses)

| 1. Name and Address of Reporting<br>Person <u>*</u><br>MOORE WILLIAM M  |         |          | 2. Date of Event Requiring<br>Statement<br>(Month/Day/Year) |  | 3. Issuer Name and Ticker or Trading Symbol<br>CRITICARE SYSTEMS INC /DE/ [CMD]                    |  |   |                           |  |  |
|---|---------|----------|---|--|--|--|---|---------------------------|--|--|
| (Last)  | (First) | (Middle) | 04/02/2007  | 4. Relati                                  |  | <ul> <li>Relationship of Reporting</li> <li>Person(s) to Issuer</li> </ul> |   |                           | 5. If Amendment, Date Original Filed(Month/Day/Year) |  |
| C/O CRITICARE<br>SYSTEMS, 20925<br>CROSSROADS CIRCLE,<br>SUITE 100<br>(Street)<br>WAUKESHA, WI 53186  |         |          |   |  | (Check all applicable)<br>Director 10% Owne<br>Officer Other<br>(give title below) (specify below) |  | Owner                                     | · · /                     |  |  |
| (City)  | (State) | (Zip)    |   | Table I - N                                | lon-Deriva   | ative  | e Securiti                                | es Be                     | neficially Owned                                     |  |
| 1.Title of Security<br>(Instr. 4)   | y       |          |   | 2. Amount of<br>Beneficially<br>(Instr. 4) |  | Fo<br>Di<br>or<br>(I)  | wnership<br>orm:<br>irect (D)<br>Indirect | 4. Nat<br>Owne<br>(Instr. | •  |  |
| No Securities Beneficially Owned  |         |          | 1 0   |  |  |  | D   | Â                         |  |  |
| Reminder: Report on a separate line for each class of securities bene owned directly or indirectly.   |         |          | rities benefici   | ially                                      | SEC  | 1473 (7-02   | )   |                           |  |  |
| Persons who respond to the collection of<br>information contained in this form are not<br>required to respond unless the form displays a<br>currently valid OMB control number. |         |          |   |  |  |  |   |                           |  |  |

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

| 1. Title of Derivative Security | 2. Date Exercisable and | 3. Title and Amount of | 4.          | 5.        | 6. Nature of Indirect |
|---------------------------------|-------------------------|------------------------|-------------|-----------|-----------------------|
| (Instr. 4)                      | Expiration Date         | Securities Underlying  | Conversion  | Ownership | Beneficial Ownership  |
|                                 | (Month/Day/Year)        | Derivative Security    | or Exercise | Form of   | (Instr. 5)            |

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|                     |                    | (Instr. 4) |                                  | Price of               | Derivative  |
|---------------------|--------------------|------------|----------------------------------|------------------------|---|
| Date<br>Exercisable | Expiration<br>Date | Title      | Amount or<br>Number of<br>Shares | Derivative<br>Security | Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) |

# **Reporting Owners**

| Reporting Owner Na  | Relationships      |   |               |   |  |  |
|---|--------------------|---|---------------|---|--|--|
|   | Director 10% Owner |   | Officer Other |   |  |  |
| MOORE WILLIAM M<br>C/O CRITICARE SYSTE<br>20925 CROSSROADS CI<br>WAUKESHA, WI 531 | ÂX                 | Â | Â             | Â |  |  |
| Signatures  |                    |   |               |   |  |  |
| William M.<br>Moore   | 04/04/2007         |   |               |   |  |  |
| <u>**</u> Signature of<br>Reporting Person  | Date               |   |               |   |  |  |
| Explanation of Responses:   |                    |   |               |   |  |  |

\* If the form is filed by more than one reporting person, see Instruction 5(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. 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.