

CRITICARE SYSTEMS INC /DE/
Form 3
August 22, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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

(Print or Type Responses)

| | | | | |
|--|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| BlueLine Partners, L.L.C. | | (Month/Day/Year) | CRITICARE SYSTEMS INC /DE/ [CMD] | |
| (Last) | (First) | (Middle) | 08/18/2006 | |
| 4115 BLACKHAWK PLAZA CIRCLE, NO. 100, A | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | | (Check all applicable) | |
| DANVILLE, CA 94506 | | | <input type="checkbox"/> Director | <input checked="" type="checkbox"/> 10% Owner |
| (City) | | | <input type="checkbox"/> Officer | <input checked="" type="checkbox"/> Other |
| (State) | | | (give title below) (specify below) | |
| (Zip) | | | See "Remarks" page | |
| 6. Individual or Joint/Group Filing(Check Applicable Line) | | | | |
| <input type="checkbox"/> Form filed by One Reporting Person | | | | |
| <input checked="" type="checkbox"/> Form filed by More than One Reporting Person | | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock | 446,200 | D | A |
| Common Stock | 863,700 | D | A |

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

SEC 1473 (7-02)

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 control number.

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

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

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

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|--------------------|
| | Director | 10% Owner | Officer | Other |
| BlueLine Partners, L.L.C. 4115 BLACKHAWK PLAZA CIRCLE, NO. 100 DANVILLE, CA 94506 | ^ | ^ X | ^ | See "Remarks" page |
| BLUELINE CATALYST FUND VII LP 4115 BLACKHAWK PLAZA CIRCLE SUITE 100 DANVILLE, CA 94506 | ^ | ^ X | ^ | See "Remarks" page |
| BlueLine Capital Partners, L.P. 4115 BLACKHAWK PLAZA CIRCLE, NO. 100 DANVILLE, CA 94506 | ^ | ^ X | ^ | See "Remarks" page |
| BlueLine Partners, L.L.C. 4115 BLACKHAWK PLAZA CIRCLE DANVILLE, CA 94506 | ^ | ^ X | ^ | See "Remarks" page |

Signatures

/s/ Scott A. Shuda, by power of attorney for all reporting persons

08/22/2006

__Signature of 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).

^

Remarks:

See attached for Footnotes 1 and 2

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.