

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 <b>and</b> 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		4. Relationship of Reporting Person(s) to Issuer		
CIRCLE, NO. 100, A		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 <input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other (give title below)    (specify below) See "Remarks" page		
(City)	(State)	(Zip)	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.