CRITICARE SYSTEMS INC /DE/ Form SC 13G/A May 09, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 4) \*

CRITICARE SYSTEMS, INC.
 (Name of Issuer)

COMMON STOCK (Title of Class of Securities)

226901106 (CUSIP Number)

April 30, 2008 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [ X ] Rule 13d-1(b)
  [ ] Rule 13d-1(c)
  [ ] Rule 13d-1(d)
- \*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 226901106

1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS									
HEARTLAND ADVISORS, INC.									
#39-1078128									
2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP									
(a) [ ] (b) [ ]									
3. SEC USE ONLY									
4. CITIZENSHIP OR PLACE OF ORGANIZATION									
WISCONSIN, U.S.A.									
NUMBER OF 5. SOLE VOTING POWER SHARES BENEFICIALLY OWNED BY None EACH									
REPORTING 6. SHARED VOTING POWER									
PERSON WITH 0									
7. SOLE DISPOSITIVE POWER									
None									
8. SHARED DISPOSITIVE POWER									
0									
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0									
10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES									
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9									
0.0%									
12. TYPE OF REPORTING PERSON									
IA									
CUSIP No. 226901106									
1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS									
WILLIAM J. NASGOVITZ									

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

				(a) (b)		]		
3. SEC	USE (	ONLY						
4. CITI	IZENSI	HIP OR PLAC	E OF ORGANIZ	ZATION				
			U.S.A.					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			SHAR ISPOSI	VOTIN None ED VOT 0	ING PO			
			8. SHARED	DISPO	SITIVE	POWER		
			0					
11. PEF	RCENT )% PE OF		GATE AMOUNT EPRESENTED E PERSON					N SHARES
Item 1.			suer: CRITIC					
	(b)	20925 C	Issuer's Pr ROSSROADS CI KESHA, WI 53	IRCLE,			Offices:	
Item 2.	(a)	Name of Pe	rson Filing:				Advisors, Nasgovit	
	(b)	(1) 789	Principal E North Water waukee, WI	Stre	et			h Water Street e, WI 53202
	(c)	Citizenshi	p: Heartlar	nd Adv	isors	is a W	isconsin	corporation.

William J. Nasgovitz - U.S.A

- (d) Title of Class of Securities: Common Stock
- (e) CUSIP Number: 226901106

Item 3. The persons filing this Schedule 13G are Heartland Advisors, Inc., an investment adviser registered with the SEC, and William J. Nasgovitz, President and principal shareholder of Heartland Advisors, Inc. Mr. Nasgovitz joins in this filing pursuant to SEC staff positions authorizing certain individuals in similar situations to join in a filing with a controlled entity eligible to file on Schedule 13G. The reporting persons do not admit that they constitute a group.

Item 4. Ownership.

For information on ownership, voting and dispositive power with respect to the above listed shares, see Items 5-9 of the Cover Pages.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ X ]

Item 6. Ownership of more than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certification.

By signing below, the undersigned certify that, to the best of their knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: May 8, 2008

WILLIAM J. NASGOVITZ HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE
Paul T. Beste

Paul T. Beste

Paul T. Beste

As Attorney in Fact for Chief Operating Officer William J. Nasqovitz

EXHIBIT INDEX

Exhibit 1 Joint Filing Agreement

EXHIBIT 1

Joint Filing Agreement

The undersigned persons agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of CRITICARE SYSTEMS, INC. at April 30, 2008.

WILLIAM J. NASGOVITZ

By: /s/ PAUL T. BESTE
 Paul T. Beste
 As Attorney in Fact for William J. Nasgovitz

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE
Paul T. Beste
Chief Operating Officer