



PRODUCT ADVISORY LETTER NO.: FT46-98001

DATE: February 13, 1998
AFFECTED PRODUCT(S): FOCUS
SYMPTOM(s): Year 2000 Issues
RECOMMENDATION: See Below
CORRECTIVE ACTION: FCS will be modified to allow for correct reporting and setting of the real time clock information for the range of years 1990 to 2089. FCS will also be modified to report a 4 digit year in the event and target buffers.

These patches to FCS will be available for downloading from our web site at www.pulsartech.com by June 1998. The available patches to download are as follows:

PRESENT VERSION OF FCS	VERSION OF FCS FOR YEAR 2000
2.03	2.03a
1.16	1.16a
1.14	1.14a
1.12	1.12a
1.10	1.10a

If there are any questions, please feel to email us at the following address: year2000@pulsartech.com.

TECHNICAL DETAILS: Of the various product lines Pulsar offers, only one, the FOCUS product has a real time clock with Year 2000 issues that need to be addressed. There are no *serious* issues. The rollover from 12/31/1999 to 1/1/2000 will work fine in the Focus chassis. Events and targets logged in the year 2000 will be displayed in the FCS with a year of "00". FOCUS stores events in the order in which they are generated. Additionally FCS displays the events in the order which they are sent from Focus and does not sort the events. Therefore there is not a problem with the year 00 being less than 99.

However, there is a problem with how the FCS functions "Set Real Time Clock" and "Read Real Time Clock" perform for dates after the date 1/1/2000. Since the clock chip used in the FOCUS chassis only uses a two digit year, the year 2000 is reported as year 1900. In order to correct the problem a change in FCS is required. **NO CHANGE TO THE FOCUS ROMS WILL BE REQUIRED.**

Pulsar Technologies appreciates your past support and strives to provide you the best service possible. Please help us by letting us know if future notices should be sent to another individual.
PAL:FT46-8001