

DID YOU KNOW?

NO: 63

July 12, 2010

PRIMUS SOFTWARE

Some Things to Consider About PRIMUS Software

It is only one piece of a complex interconnected system

It requires hardware to work properly in order to function

It relies on data from peripherals to be accurate — garbage in / garbage out

It is state-based. Therefore the circumstances that lead up to an event are important

This is not Microsoft Windows! It is commonplace for anyone who spends anytime working on computers to have run into problems with the operating system. Windows does updates, patches and work-arounds that are often automatically updated into the system without your knowledge and cause sudden problems in functionality. The general public has been conditioned to expect and accept these problems – the PRIMUS system doesn't do that

Things That Can Cause Good Software to Run Bad

Bad Op/Cal chip toggle switch

Bad ribbon cable from top to bottom board

Poor insertion of EPROMs into sockets

Poor insertion/connection of ribbon cable

Power supply problems

Bad RTD

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PRIMUS SOFTWARE (continued)

Blamed Vs Actual Root Cause (Actual Recent Examples from the Field)

Will not hold time and date

Bad capacitor on SBC196 board

Prints funny characters

Printer cable problem

Will not calibrate

Bad Load Probe RTD

Cal chip works, but Op chip doesn't

Toggle switch bad

If there was an actual failure or change in the EPROM program, the effects would be:

Repeatable – it would happen every time

Predictable – the same circumstances would produce the same results

Very likely catastrophic – slight changes in the EPROM would confuse the processor



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