


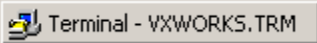
SOFTAC

Optimizer System Start Up

If the optimizer computer crashes or the mill loses power the optimizer computer system will have to be re-started. The optimizer computer is usually in the cabinet next to the PLC. This is the computer that does the optimization during production. The desktop computers are only needed for start up of the optimizer. The optimizer computer loads the optimization program from the desktop computer. If the desktop computer (SOFTAC2) is not running windows when the optimizer computer is reset or turned on the optimizer computer will not be able to load any programs and the system will not be able to run.



The following is a checklist for **RESTARTING THE OPTIMIZER SYSTEM COMPUTER:**

1. Turn on the desktop computer (SOFTAC2) if it is not already on. Wait until windows has finished loading and the Login Now box appears for the Softac Optimizer: Trimmer program. You can log into the Softac Optimizer program user interface but this is not required to restart the trimmer system.
2. Make sure the vxworks.FTP program is running. Look for  in the windows task bar at the bottom of the screen. If this program is not running start it from the folder with the short cuts for the optimizer programs.
3. Reset the optimizer computer (see pic at left) by holding the reset button down on the System Processor card for about 2 seconds. This card is in the top rack furthest to the left when facing the rack. (162/172-XXX). You can also turn off the power for about 10 secs using the toggle switch on the back on the rack the optimizer computer is slotted into.
4. The optimizer computer will now reset and start loading programs from the desk top PC.
5. The loading procedure can be observed by running the Monitor Target Computer icon  in the SOFTAC Trimmer & Sorter group.
6. After about 1 minute the target computer will be ready to run and all the red lights on the processor and 240 cards in the top rack will have gone out. If the Monitor Target Computer program was running during the boot up the last few lines should read.

```
MOD Processor Data Transfer task init
Trimmer Initialized, all tasks started.
server task #0 init
Binding socket #5 on VX_SERVER to port 2000
server task #1 init
Binding socket #9 on VX_SERVER to port 2001
server task #2 init
Binding socket #13 on VX_SERVER to port 2002
Digin task init
```

Monitor task init

7. Start the Decision Graphics to watch boards as they pass through the scanner. At this point the optimizer can now run.