3000 TPU, CPU boot, and vxWorks Software Compatibility Issues

Incompatibility with the TPU, CPU, and the vxWorks software. Check the CPU version in the TPU and the version of vxWorks software being used.

CPU version 14103184 can only be used with vxWorks version 5.11.1841 or higher

CPU version 14102073 recognized by unpopulated area near front of board can only be used with vxWorks version 5.5.0291 or earlier.

Old CPU version 14102073 recognized by unpopulated area near front of board.
New CPU version 14103184.

Old vxWorks 5.5.0291 or lower
New vxWorks 5.11.1841 or higher

Old CPU, Old vxWorks	OK
Old CPU, New vxWorks	Will boot and operate SonarPro but may have LAG issues
Old CPU, updated boot, New vxWorks	OK
New CPU, Old vxWorks	Will generate an error message during the boot process and will not run. Error message will read: ERROR A PPC 604 vxWorks image cannot run on a PPC 603!
New CPU, New vxWorks	OK

The warning below is now being added to the Installation readme file that is put on the CD that is sent with the systems.
This was done at the introduction of the new CPU and vxWorks release.

WARNING:
If using this software with a different TPU.....
Incompatability with the TPU CPU, and the vxWorks software. Check the CPU version in the TPU and the version of vxWorks software.
CPU versions 14103184 can only be used with vxWorks version 5.11.1841 or higher
CPU version 14102073 recognized by unpopulated area near front of board can only be used with vxWorks version 5.5.0291 or earlier.
Contact klein tech. support for more details.

For those customers wishing to update their CPU to operate with the latest version on VX Works® software, they can return their CPU boards to Klein. There is a charge of $120 for the first board and $60 per additional board if sent at the same time. Shipping charges are not included.
The modified boards will then only operate with the latest VX Works® software.

SonarPro® software on this web site does not contain any VX Works installation software. Contact Klein for details on obtaining this software