

READ ME

Before Installing
TAMS I/O Libraries N2091
Version 10.20-1.4
October 2003

Before installing TAMS I/O Libraries N2091, all previous versions of Agilent and TAMS I/O Libraries should be uninstalled. As root user, kill the *ipro*c daemon if it running and then use the *swremove* program to remove any T70488 and T71622 software, then all E2091x and N2091 software. Note that the configuration files */etc/opt/sicl/hwconfig.cf* and */etc/opt/sicl/ipro.c*f will be deleted if existing I/O Libraries are uninstalled. Save copies of these files in */tmp* to assist in configuring the new installation.

To install TAMS I/O Libraries, mount the CD with the *mount* command, for example:

```
mount /dev/dsk/c1t2d0 /SD_CDROM
```

then:

```
swinstall -s /SD_CDROM
```

Create the */SD_CDROM* directory if necessary prior to the mount, and substitute the appropriate special device file for the CD-ROM in the example. Do not use single-user mode for the installation.

Consult the *Installation guide for the TAMS 80100 PCI-VXI Controller* manual for detailed installation instructions.

Configure RS-232 Interfaces

Prior to installing driver software for TAMS 71622 or 70488 cards, it is necessary to configure at least one RS-232 interface. Use the *iosetup* command to do this. Configuring the interface works around a known problem in this version of software.

Install I/O Cards

Now, consult the documentation supplied with any TAMS 70488 or 71622 cards that you may wish to use for detailed installation instructions. Driver software must be reinstalled for any previous installations. Driver software for the 80100 product is contained in the I/O Libraries bundle just installed.

Configure Software

Before using the 80100 product, the `/etc/opt/sicl/iproc.cf` file must be edited. See the installation manual for details.

Before using any interface, the `/etc/opt/sicl/hwconfig.cf` file must be modified. This is done with *iosetup* (GUI interface), or manually with a text editor. If you manually edit `hwconfig.cf`, be sure to run *siclconf* afterwards, as this rebuilds the kernel with the appropriate device drivers.

Known Problems in release 10.20-1.4

The *iosetup* configuration GUI adds the interface to the configured list if the Cancel button is pressed. Simply select and delete the interface from the configured list if it is not desired.

Changes between releases 10.20-1.3 and 10.20-1.4

TAMS 80100 slot identification defect fixed. The defect in identifying slots 0 through 6 in a VXI chassis was resolved

Configuration GUI conflicts resolved. Interference between several *iosetup* configuration GUIs resulted in some drivers not being displayed in the Custom TULIP pull down menu.

VXI resource manager defects fixed. Defects in A32 window overlap when using MXI-2 cards as well as several other allocation defects were fixed.

Changes between releases 10.20-1.2 and 10.20-1.3

Configurable A32 Windowing. The user can now configure from 1 to 6 movable windows in A32. The maximum size of each of these windows is approximately $32 \text{ Mbyte} / n$, where n is the number of configured windows.

Configuration GUI. There is now a graphical interface specifically for the TAMS 80100 available in *ioconfig*. This also resolves the problem of the `iproc.cf` file getting clobbered with every use of *ioconfig*.

VISA upgraded to version 1.0. The version of VISA shipped with the I/O libraries is now compliant with version 1.0 of the VISA specification.