Technical Bulletin
Monitoring Prisma IP Point to Point ASI Input & Output Modules with TNCS

Overview
This addendum applies to Scientific-Atlanta customers who use TNCS to monitor the Prisma IP Point to Point ASI Input Modules and Prisma IP Point to Point ASI Output Modules. These are the only Prisma IP cards that can be monitored by TNCS at this time.

Introduction
This addendum is a supplement of the TNCS Software User's Guide. (P/N 730201)
This addendum provides TNCS administrators with the following information:

1. Requirements to monitor Prisma IP.
2. How to connect to the Prisma IP.
3. How to add the Prisma IP modules to the TNCS devlist.
4. TNCS graphics with the Prisma IP devtypes.

Requirements:
1. TNCS Version 1.6.1 Service Pack 5 or greater with SNMP Manager License
2. IP connectivity to the Prisma IP chassis

Setup of Prisma IP
There is no TNCS specific setup required on the Prisma IP chassis. The TNCS user / administrator will need to perform the following steps to monitor the ASI input and Output cards.

1. Obtain the IP addresses of the Prisma IP ASI input and/or output modules.
2. Note whether the chassis has an input or output ASI card.
3. Confirm that the TNCS server can ping the Prisma IP ASI Cards.

Setup of TNCS
There are 2 methods to add Prisma IP SNMP devices to TNCS.

A. Editing the Devlist

1. Open the TNCS file devlist.txt with a text editor. It is recommended that a backup copy of the devlist.txt file be made anytime changes are being made to the file. **Note: The devlist.txt file is normally found in the following directory: C:\Program Files\TNCS 1.6.1**
2. Enter the groups and devices into the devlist.txt file. Below is a sample devlist for Prisma IP devtypes**. Note: There are only two Devtypes for Prisma IP. (Pipasiinput and Pipasioutput)**

```
Group Rack1 graphic="rack 40" desc="Prisma IP" address=1234
 Group Chassis1 port=none address=1 racverpos=25
   Pipasiinput inputcard1 port=Ethernet address=172.18.12.201
 Group Chassis2 port=none address=2 racverpos=27
```

Pipasioutput outputcard1 port=Ethernet address=172.18.12.203

Line 1 is a standard entry for an equipment rack.
Line 2 is a standard entry for a group. This is used to represent the ASI input module as a 2 RU chassis positioned 25 RUs from the bottom of the rack.

Note: There is not a chassis graphic available in TNCS for Prisma IP; therefore, it is recommended to use the default chassis view. Using a group with a "rack vertical position" (racverpos) without specifying a chassis graphic will create a display of a rack with a 2 RU chassis positioned the number of rack units specified from the bottom of the rack. Position each module 2 RUs above the last in the approximate location of the Prisma IP chassis in the equipment rack.

Line 3 describes a Prisma IP ASI input card devtype entry.
Pipasiinput is the devtype for the ASI input card. The other fields required are:
Unique Name - "inputcard1" is the name used in this example.
Port – Use "Ethernet" for the Prisma IP chassis.
Address – This will be the IP of the Prisma IP ASI input module.

The Prisma IP ASI output module can be added to the devlist in the same procedure as the ASI input module.
Note: If multiple Prisma IP ASI cards are used in a chassis, each card will have a unique IP address.

B. On line Add / Delete

1. The Prisma IP devtypes can be added online using the TNCS on-line add / delete menu. Use the same step as above; add the rack, the default chassis, and then the card.

TNCS Graphics with Prisma IP devtypes

There are no custom Chassis Graphics for the Prisma IP chassis or modules. Groups can be used to show approximate location in the Racks as in the example above. Note: if multiple Prisma IP modules are used in the same chassis, they will need to be listed under the same group. When the group is opened, a box will be displayed for each ASI card.