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Application Note: External communication with the Interceptor

The Interceptor has been designed to have an easy to use and simple user interface. For this reason, no GUI software is required for its use. This application note is meant to provide a brief summary of the options for external communications with the Interceptor, for both user administration of the Interceptor, as well as issuing of alarms from the Interceptor.

Interceptor Administration via Console

The Interceptor has a serial port that may be used for setup and administration. This Console port may be accessed with a standard terminal emulator program such as Hyperterminal or TeraTerm. It is required to use the Console port in initial setup to enter the communications information for use of the Ethernet port.

Interceptor Administration via Ethernet

The Interceptor has a 100BASE-T Ethernet port that may be used for general administration as well as issuing of alarms. This port may be accessed via Telnet and/or SSH (Secure Shell) clients such as PuTTY. Telnet and SSH access to the Interceptor can be enabled or disabled as desired by the user.

Interceptor Alarms via Console

Currently, there are no alarms issued via the Console connection.

Interceptor Alarms via Ethernet

The Interceptor has the capability of issuing the following types of alarms via Ethernet:

- SNMP Trap
- Email
- SMS text message (for alphanumeric pager)
- Alarm logging via Syslog

Interceptor Alarms via other means

The Interceptor can issue the following alarms via means other than Ethernet or Console:

- Dry alarm contacts (Relays are provided for individual channel alarms, overall intrusion alarm, and Equipment Alarm)
- Optical Shutter (disables customer data signal through Interceptor on Universal units only)



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Interceptor SNMP Traps

The Interceptor has the capability of issuing SNMP traps when an alarm is detected. These may be received by SNMP Trap Receivers such as HP OpenView or Unbrowse SNMP. Please refer to the NIS Application Note "Use of SNMP Trap Receiver with Interceptor" for details on using this feature.

The MIB (Management Information Base) files for the Interceptor may be requested from NIS Technical Support.