

# Scout-2

Scout-2 simplifies the integration of diverse network elements and provides a common point of connectivity. As part of a unified network management framework, it allows you to monitor, control and analyze faults in your network with a common point of remote and local access. With Scout-2, your organization will:

- Improve network manageability
- Accelerate troubleshooting
- Reduce network maintenance costs
- Improve network reliability

### Improve network manageability

Monitoring and configuring a wider variety of remote network elements is simplified, giving you a single point of access to manage your network.

### Accelerate troubleshooting

By identifying and fixing remote network issues from a central location, you can resolve them more quickly and efficiently.

### Reduce network maintenance costs

Central management of more network elements increases the productivity of trained staff and minimizes the number of on-site visits, thereby reducing costs.

### Improve network reliability

By reducing management network complexity and increasing service network visibility, Scout-2 makes your network more dependable.

### Gateway for Element Management

In a remote site, Scout-2 provides connectivity between a wide variety of network element interfaces and the connecting network management applications. In addition, Scout-2 reports alarms and events occurring at the remote site using standard network management protocols, such as TL1 and SNMP.



### Key features of Scout-2 include:

- Multiple WAN interface configurations, including dual T1/E1 and dual 100 Mbps Ethernet over fiber, for flexible backhaul
- Security features, such as RADIUS and TACACS+ user authentication, to prevent unauthorized access
- Web-based configuration interface for remote Scout-2 management through standard Web browsers
- Generation of TL1 or SNMP messages from contact closures
- Support for a wide variety of network element physical interfaces and protocols
- TID multiplexing for OSS communication with multiple network elements over a single X.25 or TCP connection
- Optional OSI tunneling models available for transport of OSI management traffic over IP networks

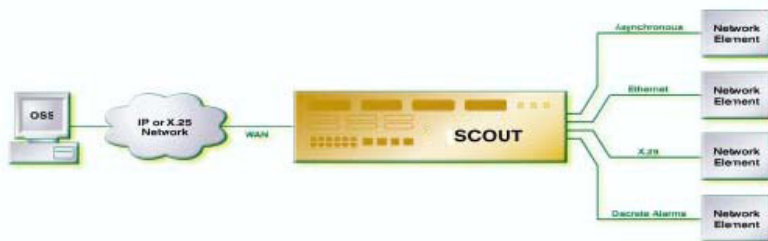


Figure 1: Scout-2 connects network elements to management applications and IP communication networks

## FUNCTIONAL SPECIFICATIONS

### Input/output Communication Ports:

- 12 serial links, software selectable for EIA-232, EIA-530 and V.35
- Up to 16 analog inputs (factory selectable)
- 48 or 64 wet/dry alarm inputs
- 12 or 16 Form C relays
- 12 10/100BaseT switched Ethernet ports
- E1/T1
- 100BaseFX
- Modem
- Craft access port

### Supported Protocols:

- Asynchronous
- Synchronous
- X.25/ BX.25
- TCP/IP
- OSI/TCP/IP tunneling (optional)

### Management & Management Access

- AppliedView/SNMP
- Optima
- Web configuration tool – remote configuration

### Events/Alarms:

- SNMP and TL1 alarm and event reporting

## PHYSICAL SPECIFICATIONS

Depth:	8.71 in. (22.12 cm)
Height:	4.5 in. (11.43 cm)
Width:	16.95 in. (43.1 cm)
Weight:	18.6 lb (8.4 kg) approximately
Mounting:	19 or 23 in. racks, (3-RU)

### Power Requirements:

- -48 VDC, nominal (-42.5 to -56.5 VDC)
- 1.25 A at -48 VDC current
- DC power alarm includes high and low voltage limits

### Compliance/Certifications/Standards:

- NEBS Level 3 certified
- UL 60950

For more information on Scout-2 visit [www.kentrox.com](http://www.kentrox.com), email [info@kentrox.com](mailto:info@kentrox.com) or call **800-733-5511**.