

Connect Line Card

The Connect Line Card is a multi-purpose, modular, application line card that provides scalable aggregation and dynamic OSPF routing. Connect provides a highly integrated, scalable routing or bridging solution for managing small, remote sites without complex network deployment strategies or costly infrastructure and support. With it, your organization can:

- Reduce capital costs
- Lower operational expenses
- Increase staffing efficiencies
- Improve reliability

Reduce capital costs

Utilizing one product to satisfy small site aggregation, application scripting and routing requirements saves you money.

Cost-effective aggregation to remote site equipment

Allows transport engineering to drop "leased line" dependence and recover costs.

Increase staffing efficiencies

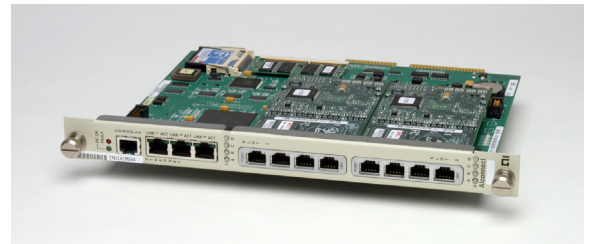
Network and operational staff can diagnose and resolve T1 issues using onboard router and WAN diagnostics.

Improve reliability

Single or dual Connect cards provide both WAN and LAN full redundancy to ensure operation access and uptime over your Network. Hot standby router support gives complete reliability to your LAN network.

Connect Applications

Connect delivers a highly scalable, integrated routing or bridging solution to aggregate remote sites housing service delivery network elements. Connect is a multi-purpose, modular, application line card providing scalable aggregation, customizable application scripting, and routing.



Key features of Connect include:

- Multi-application support: aggregation, adaptation, and routing
- Two expansion modules allow for scalable aggregation from four to eight WAN connections
- Four integrated Ethernet ports provide secure LAN/WAN access
- 128 megabyte Compact Flash storage expandable to 1 gigabyte
- 256 megabyte SDRAM
- Intelligent scripting support for application adaptation and rapid extensibility
- Fits existing Switch chassis infrastructure
- PMC modular technology allows for field expandability and scalable investments

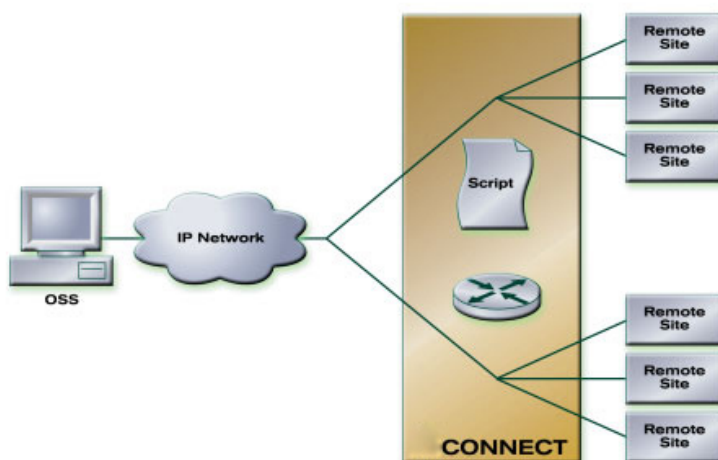


Figure 1: The Connect Line Card aggregates multiple remote site devices over an IP network.

FUNCTIONAL SPECIFICATIONS

Input/output Communication Ports:

- Two unused PMC slots for future expansion
- Three routable 10/100 Ethernet ports
- Up to eight E1/T1 WAN collection or backhaul ports

Supported Protocols:

- PPP/IPCP
- OSPF
- VRRP
- 802.3 Ethernet
- TACACS+ AAA
- RADIUS
- SNTP
- Secondary addressing
- IP Tables (ACL support)
- Telnet
- FTP

WAN Interfaces:

- E1/T1 (up to 8)
- Integrated CSU/DSU

Output Level:

- CSU/DSX

Line Build Out:

- (CSU) 0, -7.5, -15 dB

Equalization (DSX-1):

- 0 to 655 ft

Management & Management Access:

- SNMP
- FTP
- Telnet
- Craft access port
- Command Line Interface (CLI)

Status Indicators:

- Power and alarm summary LEDs
- E1/T1 per port alarm status
- Ethernet link/activity

Events/Alarms:

- SNMP alarm and event reporting

Supported Chassis Systems:

- 180 Switch
- 130 Switch
- 120 Switch
- 110 Switch

System Specifications:

- 128 MB SDRAM Memory
- 256 MB CompactFlash storage (expandable to 1 GB)

PHYSICAL SPECIFICATIONS

Depth:	9.1 in., (23.2 cm)
Height:	11.9 in., (30.23 cm)
Width:	1.13 in., (2.9 cm)
Weight:	2 lbs (0.9 kg)
Rack mounting:	19-inch or 23-inch racks, as determined by Switch chassis systems

Power Requirements:

- Via Switch backplane
- 17W power consumption, without PMCs installed
- 1.9 A, maximum current draw, without PMCs installed
- +5 VDC @ 1.9 A, maximum input power, without PMCs installed

Compliance/Certifications/Standards:

- NEBS level 3 certified
- UL 60950

For more information visit www.kentrox.com, email info@kentrox.com or call **800-733-5511**.