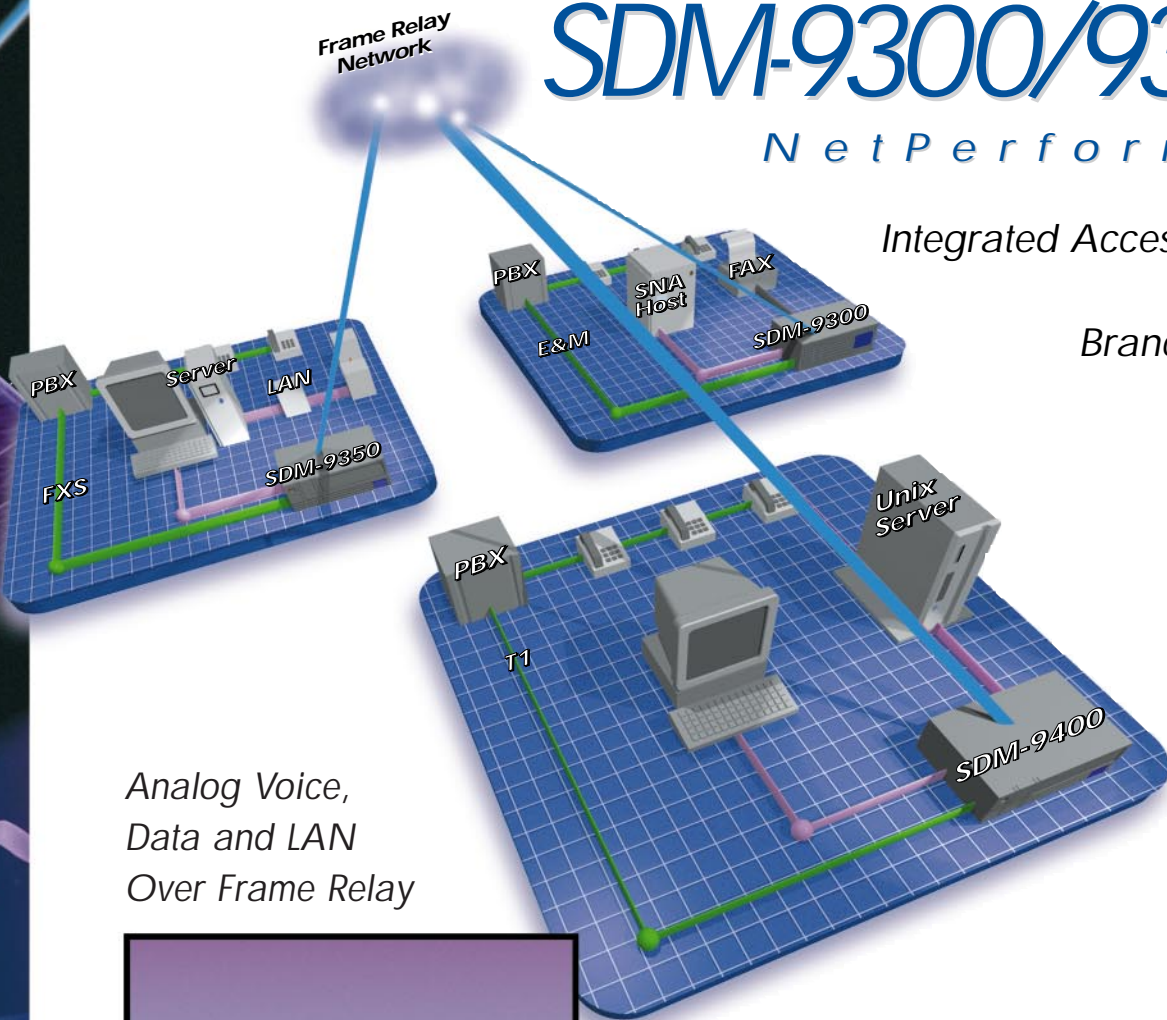


SDM-9300/9350

NetPerformer™

Integrated Access Device
for the
Branch Office



Analog Voice,
Data and LAN
Over Frame Relay



Key Features:

- Frame Relay access and switching
- Analog voice and fax support
- SNA and legacy data support
- SDLC and LLC2 spoofing and conversion
- OSPF/IP/IPX routing and bridging
- Data and voice compression
- Voice switching and PVC bundling
- Cell-based prioritization
- ACTview™ 2000 SNMP-based network management

Only ACT Networks offers the unsurpassed performance and reliability of the SDM-9300 and the new SDM-9350, powerful multi-protocol FRADs that integrate voice, fax, LAN, SNA and legacy data over public and private Frame Relay networks.

ACT's high performance SDM-9300 is the third generation of the powerful NetPerformer family of products. The new SDM-9350 and its 2 channels voice/fax expansion module adds a greater

Save Money with Toll-Quality Voice, Fax, LAN and Multi-Protocol Communications over Cost-Effective Frame Relay Circuits.

level of modularity to this series allowing the support of up to 4 voice channels. By extending integrated voice and data capabilities to remote branch offices, the SDM-9300 series delivers the best price/performance of any product in its class.

The SDM-9300 combines advanced voice and data handling technologies with ACT's patent-pending cell-based multi-protocol prioritization to deliver optimal bandwidth utilization, award winning toll-quality voice and rapid response times for mission-critical applications.

The SDM-9300 serie's ability to integrate a wide variety of remote site applications onto a single homogeneous Fast Packet network delivers huge cost savings and a quick return on investment for enterprise network users and service providers alike.

ACT NETWORKS®

ONE ENTERPRISE. ONE NETWORK. NO BOUNDARIES.

SDM-9300/9350 *Integrated Access Device for the Branch Office*

PRODUCT FEATURES

Analog Voice, Fax and Modem Relay

The SDM-9300 series offers extensive fax and modem integration and a complete set of analog telephony interfaces. It supports a number of voice compression algorithms, as well as DTMF, MF, AC-15, and pulse dial signaling. Group III FAX and data modem up to 14.4 Kbps are supported by all voice/fax channels.

SNA & Legacy Data With Compression

The SDM-9300 series supports SNA emulation over Frame Relay for immediate savings versus costly leased lines. In addition, it handles legacy data traffic in multi-protocol environments. An integral data compression scheme optimizes network bandwidth.

Full Frame Relay Product Compatibility

The SDM-9300 series interoperates across the Frame Relay network with other Frame Relay products including our full line of ACTnet products.

OSPF/IP/IPX Routing and Bridging

The SDM-9300 series offers Ethernet and Token Ring routing modules to facilitate LAN connectivity using RFC-1490 over Frame Relay Networks.

PVC Bundling, Voice Switching, and Frame Relay SVC Support

The SDM-9300 series concentrates Frame Relay traffic originating from multiple FRADs onto a single Frame Relay connection, reducing the total number of required Frame Relay connections and PVCs. Traffic may also be switched through intermediate NetPerformer access devices using Cell Relay technology, further reducing the number of PVCs. Voice calls can be switched to any remote location using these existing PVCs, as well as establishing Frame Relay SVCs on demand. The result is lower access costs for the end-user.

Enterprise Products

PRIMARY SOLUTIONS

NetPerformer

Voice Centric	Data Only	Integrated
SDM-FP	SDM-8200	SDM-9300
SDM-JFP	SDM-8300	SDM-9350
SDM-DX		SDM-9400 SDM-9500

COMPLEMENTARY SOLUTIONS

SkyFrame Satellite-Based	MS Switch Frame Relay Switch
SF-400	MS-2000
SF-800	MS-8000/9000

SPECIFICATIONS

System

Desktop or Rackmount Chassis

System Management: Menu Driven Command Port (VT-100)

Remote Telnet Access

FTP Upload and Download of software and configuration

SNMP Management via HP OpenView/ACTview 2000

Number of Expansion Slots: 2

Trunk

Number of Trunks: 1-4

Protocol: Frame Relay, RFC-1490

Local Management I/F: LMI, ANSI T1.617/Annex D, ITU-T Q.933/Annex A,

CLLM or disabled

Rates: 9.6 Kbps to 2,048 Kbps

Interface: RS-232C, X.21/V.11, RS-530, RS-449/RS-422, V.35 (CE mark on SDM-9350

only) software configurable

MD26 physical connectors

Topology: Public and Private Frame Relay, Mesh, hierarchical, star, and point-to-point

Automatic Node Discovery with automatic load balancing and dial back-up

8 classes of service, 16 Priority Weight

Data Channels

Number of Serial Channels: 4

Rate: Up to 2,048 Kbps

Compression: 128 Kbps trunk via software (included)

SNA: SDLC, LAN or Frame Relay RFC1490 (BAN, BNN)

Maximum of 64 PUs per unit, type 1, 2.0, 2.1 and 4/5

Local SDLC and LLC2 spoofing

SDLC to LLC2 conversion

Legacy Sync Protocols: SDLC, HDLC, COP, X.25, BDLC, BSC, DDCMP, VIP, ALC,

IBM/RJE, Uniscope, Poll/Select, Siemens Nixdorf, JCA, ZENGIN

Frame Relay Protocol: Frame Relay, RFC-1490; UNI-DTE, UNI-DCE

Async: ENQ/ACK, XON/XOFF, Transparent, Modem signals

Voice/FAX Channels:

Analog Voice: 2 Voice/Fax Channels on base unit. Up to 4 on SDM-9350 base e/w voice expansion card

Analog Interfaces: FXO, FXS, E&M 4w/2w (type I-II and V), AC-15-software configurable

Impedance: 600/900 ohms or complex

Voice Algorithms: ACELP 8K, 5.8K, 4.8K

Fax Support: Group III at 2.4, 4.8, 7.2, 9.6 and 14.4 Kbps

Modem Relay: Maximum speed of 14.4 Kbps (V.32bis)

Expansion Options:

Voice: 2 Voice/Fax Modules (for SDM-9350 only)

LAN: Ethernet (10Base2/10BaseT), Token Ring (4/16 Mbps)

LAN Features

Frame Types: Ethernet II, IEEE 802.2, 802.3, 802.5, SNAP

Routing: IP RIP or Static, BootP/DHCP relay, OSPF, IPX RIP and SAP

Source Routing, Source Routing Transparent Bridging;

802.1D Spanning Tree Protocol (STP), MAC Layer, Transparent Bridging

Filter Criteria: Based on protocol, source/destination/ SAP address and custom filtering

Physical Dimensions:

2.5" x 17" x 11.5" (6.4 cm x 48.2 cm x 29.1 cm)

Weight: 10.5 lbs. (4.8 kg)

Power Supply:

90 to 264 VAC 50/60 Hz.

SDM-9300/28 watts maximum, SDM-9350/46 watts maximum

Environmental:

Temperature: 0 - 45° Celsius

Humidity: 10 - 90%, non-condensing

Agency Approvals

Safety: UL 1950, (United States); CAN/CSA 22, 2; no. 950-M89 (Canada);

EN 60950 (EC), TS-001 (AUS)

EMI/EMC: FCC Part 15 Class A (United States);

EN 55022 (EC); AS-3548 (AUS)

Immunity & Susceptibility: EN 50081-2,3,4 (EC),

Telecom: FCC Part 68 (United States); CS03 (Canada), iCTR2, NET1, NET2,

CTR12 (EC), NTR8, NTR4 (UK), TS-003, TS-002 (AUS)

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Available Through:

