FC/9000

FIBRE CHANNEL DIRECTOR

FC/9000:
The First Enterprise-Class Fibre Channel Director

INRANGE™
Where Networks Converge

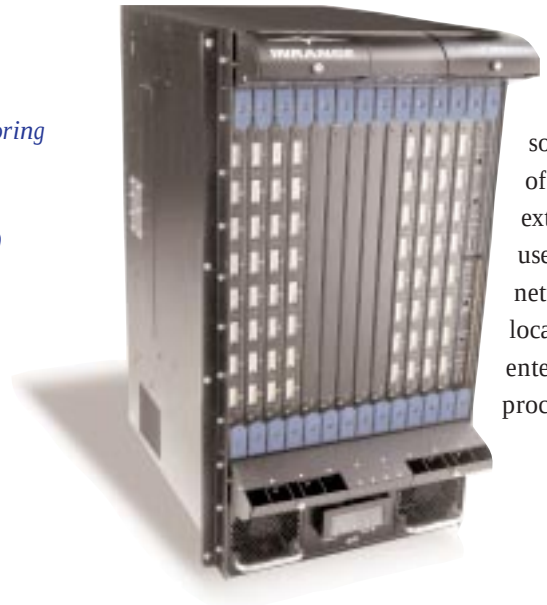
The FC/9000 Fibre Channel Director from INRANGE Technologies is the industry's most scalable and reliable solution for controlling server/storage connectivity and migrating Storage Area Networks (SANs) into a true enterprise-class environment.

Available in models that support 64 Fibre Channel ports and beyond, the FC/9000 Director delivers gigabit per second bandwidth and provides IT architects with a robust platform for creating highly available, enterprise storage networks that can be managed conveniently from a central point.

The FC/9000 incorporates enterprise-class RAS (reliability, availability, and serviceability) features historically reserved for systems deployed in mainframe environments. It has redundant internal pathing, control modules, and power supplies — as well as non-disruptive SW/FW upgrades — that help IT management to achieve the 99.999% systems uptime so vital to business success today.

The FC/9000 architecture complies with ANSI standards and its network management system is open and flexible. Administrators can view and modify the system configuration through a web-based and/or SNMP interface, and have a single point of access to levels of Director information ranging from basic monitoring to detailed diagnostics.

- *Enterprise Class RAS*
  - *Redundant Internal Pathing*
  - *Redundant Power*
  - *Redundant Control*
  - *Non-Disruptive SW/FW Upgrades*
- *Scalable 8 to 128 Ports and Beyond*
- *Public/Private Translation*
- *Self-Configuring Ports*
  - *Fabric*
  - *Loop(Public and Private)*
  - *InterSwitch*
- *Web-based and/or SNMP configuration management*
- *Fabric Zoning*
- *User Port Alias*
- *Statistical and Diagnostics Monitoring*
- *Simple Name Server (registers all fabric devices and provides state-change notification)*
- *Interoperates with Entire FC/9000 Family*

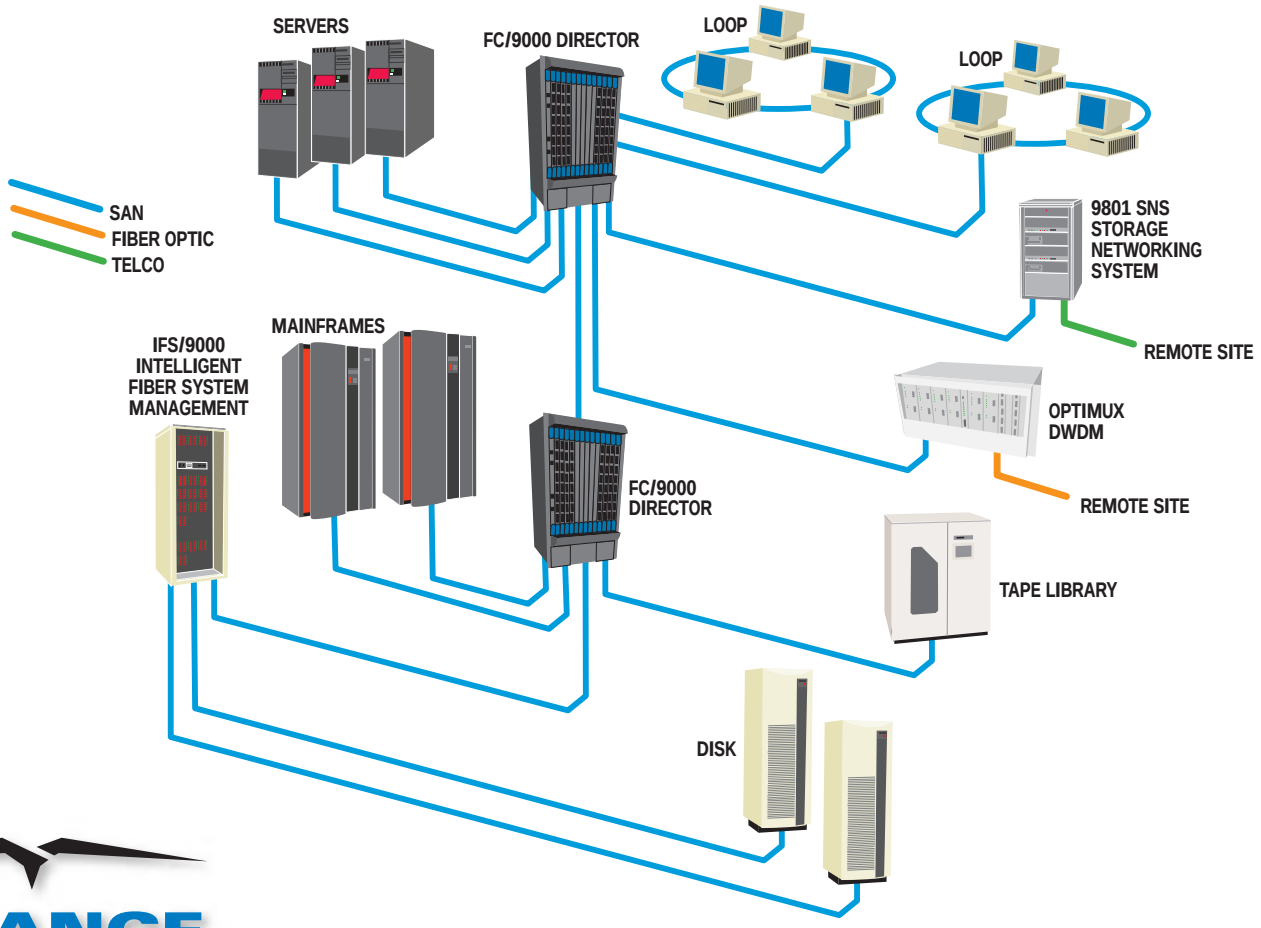


An Infrastructure for Enterprise-Class SANs

The FC/9000 is a key part of INRANGE's IN-VSN family of Virtual Storage Networking solutions. Comprised of a comprehensive suite of high-speed channel directors and channel extension technologies, the IN-VSN family lets users design ultra-scalable enterprise-class storage networks for S/390 and open systems environments locally, and extend those networks into the virtual enterprise of remote locations, cooperative processing, partners, and business continuance sites.

SPECIFICATIONS

FEATURES			PERFORMANCE			MAINTAINABILITY			MECHANICAL			ENVIRONMENTAL
FIBER CHANNEL STANDARDS	PORT TYPES	CLASSES OF SERVICE	MAXIMUM FRAME SIZE	PORT SPEED	LATENCY	THROUGHPUT	DIAGNOSTICS	HOT SWAP-MODULES	WIDTH	HEIGHT	DEPTH	OPERATING CONDITIONS
FC-PH Rev 4.3 FC-PH-2 FC-PH-3 FC-AL Rev 4.5 FC-AL-2 Rev 7 Draft FC-FLA FC-GS-2 FC-FG FC-PLDA FC-Tape FC-VI FC-SW-2 (When Released) Fibre Channel Element MIB	F_Port FL_Port (Public) E_Port TL_Port (Private to Public Bridging) SL_Port (Segmented Private Loop) All Ports Self-Discovering	Class 2 and 3	2112 Bytes	1.0625 Gbps	.5 to 2.75us Cut Through Routing	Class 2/3 101.8 MBs	Power-on Self-test System Modules Media Modules	Power Supply FCM FSW FIO Fan Modules Copper and Optical GBIC's	19 in (43.18 cm)	33.25 in (84.46 cm)	28.75 in (73.03 cm)	Temperature: 10 - 40° C Humidity: 10% - 80% non-condensing Altitude: 0 - 10,000 feet Power: 200 to 240 VAC 50 to 60 Hz 15 Amps



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Multiple site and legacy SAN integration configurations are supported via INRANGE's IN-VSN family of Virtual Storage Networking solutions.

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INRANGE Technologies Corporation is a contributing member of the Fibre Channel Association, the FibreAlliance, and the Storage Networking Industry Association (SNIA)

Proud to be a member of the SPX family of High Value Companies