

SNMP-TriChain

Description

SNMP-TriChain is an advanced version of the SNMP and SNMP Plus controllers. Allows chaining of up to 32 chassis SAE (MiniSAE 3/4/5UAs and MetroSAE) from a single Ethernet port connected to the management router.

Additionally, the **SNMP-TriChain controller** allows a single IP address to control up to 32x12 adapter cards or optical media converter. This will reduce the overall OPEX while being able to manage up to 384 cards with a single port management and a single IP address.

Compared to the first generation of SNMP drivers, SNMP-Chain integrates an improved communications processor with increased RAM and FLASH memory. This reduces start-up time and the availability of the management of the chassis to give service.

SNMP-TriChain Management supports the SNMP 2c (SNMP 3.x under option) and its operating system is upgradable remote TRI.OS.

Gigabit SFP ports Version

SNMP-TriChain controller is also available with Gigabit Ethernet SFP dual-port. With this configuration, replacing the two ports 10/100 RJ-45 by SFP insertable modules, it is possible chaining in locations where the chassis (or the port management) are separated more than 100m (maximum range supported by the cable category 5) using an optical fiber link (up to 180km).

Hot insertion

SNMP-TriChain can be hot-replaced without affecting the traffic in the converters/adapters inserted in the optical chassis.



Features

SNMP controller

Advanced version of the SNMP and SNMP+ controller that allows chaining of SAE chassis and unified management of them all through a single IP address.

Unique IP address

With a single IP address you can activate and manage alarms for up to 384 adapter cards and optical medium converters.

10/100/1000 ports

Improved electronics that enables interconnection of routers to manage 10/100. Available a modified version that replaces the 10/100 ports for SFP port, allowing the insertion of any eletro-optic GigabitEthernet module.

Remotely Upgradeable

SNMP-TriChain remote upgrade supports remote firmware. Integrates an operating system called TRI.OS (Telnet Redes Inteligentes Operating System).

Full SNMP 2c support

Remotely updatable to SNMP v3.x and manageable via CLI from console port (multiplexing the chain port) and via remote connection via TELNET.

Improved performance

Integrates a larger capacity microprocessor that improves performance and the start-up of the solution.

Technical Specifications

General Features

Allows chaining of SAE chassis and unified management of them all through a single IP address.

Activates and manages alarms for up to 384 cards with a single IP.

10/100/1000 ports and an optional versión with SFP ports.

Remotely Upgradeable.

Full SNMP 2c support.

Hot insertion and extraction.

Chassis supported: MiniSAE and MetroSAE.

Applications

Firmware upgrade via TFTP or FTP.

CLI authentication through login / password.

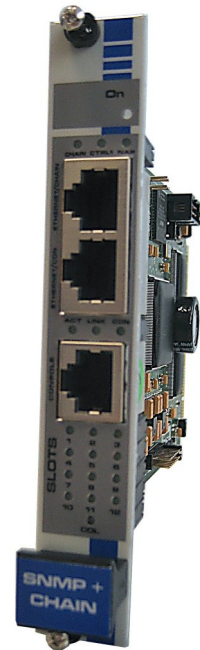
Support for WDM management of optical remote adapters.

Diagnostic tools included.

Consumption less than 2W.

Visual indication of the status of negotiation of the traffic cards inserted in the chassis.

Its local serial port allows connection to console routers.



Contact Information

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