



INTEGRATED TR-069

Saturn EMS 2.0

Centralized Management Tool

Product Description

The Genexis Saturn Element Management System (EMS) is a comprehensive network management system with an intuitive graphical user interface. Service providers will with this tool optimize their network usage, reduce operating costs and implement new services quickly and reliable. Genexis EMS is built on Server-Client architecture to provide powerful and high performance system that caters the FCAPS functionality.

Product Features

- » Centralized management of the entire network
- » NE element creation
- » Advanced Fault Management
- » Network operation efficient GUI
- » Realtime Alarm monitoring
- » Visual topology management
- » Performance management tool

With the increasing demands of communication technologies, networks become complicated and difficult to manage and maintain. To overcome these challenges, Genexis, based on its deep understanding of customers' requirements and decades of experience in the communication industry, has developed a new-generation element management system (EMS)

PRODUCT FEATURES AND SPECIFICATIONS

Saturn EMS 2.0

Functions

- » Windows based System
- » Based on Server – Client Architecture
- » SEMS15 Server
- » SEMS15 Client
- » Single installation file for all components including server and client.
- » Low Space required – Below 80Mb
- » Compatible with mostly all Windows Version and server.

Device Management

- » Network Configuration
- » Network management
- » Fault management
- » Monitor entire series
 - SOLT32-4P
 - SOLT33-8P
 - SOLT36-16P
 - SOLT34-32P
- Saturn Series switches
- » Advance search option
- » Mail server support available
- » In-built messaging system between different persons login to server

Monitoring

- » Extensive remote information for troubleshooting.
- » Error Identification
- » Real Time monitoring
 - Optical power monitoring
 - Port wise monitoring
 - PON wise monitoring
 - Interface traffic monitoring
- » SNMP v1/2/3
- » Event logs
- » Advanced Statistic report export option:
 - PON Port data statistics
 - Card resource statistics
 - Port statistics
 - Device resource statistics
 - Optical module statistics
 - LACP statistics
 - ONT resource statistics
 - ONT resource query data
- » Multiple User Account Access configuration
- » NMS feature access rights management
- » ONT service configuration
- » Saturn switches configuration
- » Add or Delete ONT feature
- » OLT configuration for EMS

ONT Management & Service Configuration

- » PPPOE HSI WAN Configuration
- » Static HSI WAN Configuration
- » DHCP HSI WAN Configuration
- » VOIP WAN Configuration
- » VOIP service Configuration
- » Protocol port 80 enable/disable
- » Factory Restore
- » Reboot

System requirements

Below are minimum system requirements for Server and Client Application

- » Server
 - DELL R320 chassis server serial or higher
 - CPU Intel® E5-2403
 - memory 8GB RDIMM, 1600MT/s
 - Disk 500GB 7.2K SATA 3.5 inch
 - Support OS system: Windows Server 2003/2008, Windows XP, Windows7
- » Client
 - Intel I3 above 4G memory. desktop or notebook.
 - Support system: Windows7, Windows XP, Vista & 8.

Note: Above are the basic configurations required to operate Saturn EMS, please coordinate with Genexis support for higher-grade system requirements

Model	Description	ONT support
SEMS15	EMS Software and basic license	Upto 500 ONT
SEMS15 - L5	License for ONT support	Additional 500 ONT
SEMS15 - L10	License for ONT support	Additional 1000 ONT support
SEMS15 - L50	License for ONT support	Additional 5000 ONT support