Central EMS
Element Management System

- Allow central management of up to 50 SmartView™ servers
- Allow up to 25,000 devices management
- Long term historical query (up to 1 year)
- Easy and User-Friendly Operation Interface

Main Function

Centralized and Large Scale Network Management Platform
Central EMS provides centralized device management for large scale networks by supporting up to 50 SmartVIew EMS Servers and tens of thousands of network devices.

Hierarchical Network Management Architecture
Each area can deploy a proprietary SmartView EMS Server, responsible for collecting local information for up to 500 network devices, and relay to Central EMS management platform. Central EMS management platform can aggregate and manage SmartView EMS Server SNMP trap information for all regions and provide real time information and status of local and remote network devices.

Easy and rapid expansion of network management scale.
When the number of device elements is continuously expanding, operators can deploy one or more SmartView EMS Servers to cover new areas. Using Central EMS device management platform, new SmartView servers can be quickly and easily added to the expanding network.

Provides OSS (Operations Support System) Level Management Function.
Central EMS Management Platform provides Fault management, Configuration management, Accounting management, Performance management and Security management (FCAPS).
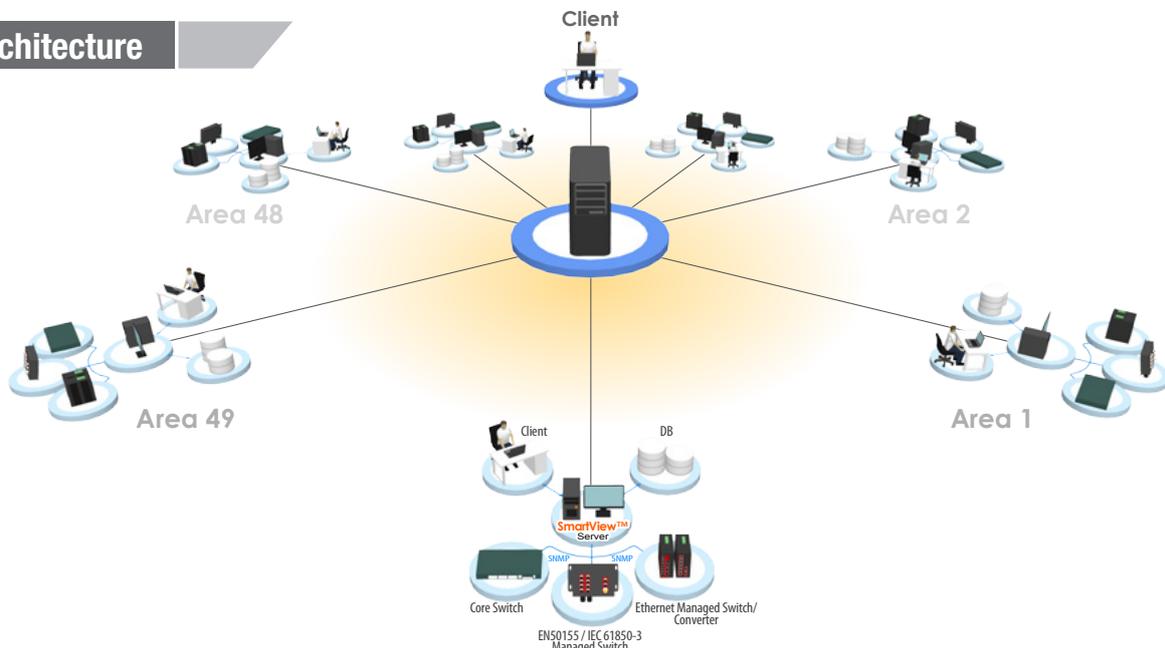
Server/Client Remote management architecture
Central EMS management platform can support 25 connections for remote operations managers at the same time.

Simple and convenient user interface
Using a user friendly GUI (Graphical User Interface), Central EMS provides a familiar point and click interface.

Architecture

Client

Area 48   Area 2

Area 49   Area 1

Client   DB

SmartView™ Server

SNMP   SNMP

Core Switch   EN50155 / IEC 61850-3 Managed Switch   Ethernet Managed Switch/ Converter

Area 50

Central EMS
Supports 50 SmartView™ EMS (Max.)

Requirements

Central EMS	Hardware (minimum)	Operating System
Central EMS Server	ntel Core2 or higher processor, 4GB RAM, HD >2GB (free).	Windows 2008/2012 Server, Windows 7/8
Workstation-Clients	Intel Core2 or higher processor, 4GB RAM, HD >2GB (free).	Windows 7/8
All-In-One	Intel Core2 or higher processor, 8GB RAM, HD >20GB (free).	Windows 2008/2012 Server, Windows 7/8

Ordering Information

Model Name	Description
Central EMS-01	Central Element Management System

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Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.