

ALCATEL-LUCENT OMNIVISTA 8770 NETWORK MANAGEMENT SYSTEM

A SINGLE MANAGEMENT INTERFACE ACROSS SYSTEMS AND DEVICES

.....
AT THE SPEED OF IDEAS™

Alcatel·Lucent
Enterprise



INTEGRATED APPLICATION SUITE

Today's enterprises are facing the challenges of voice, video and data convergence along with rapidly growing traffic. As a result, network management has increased in importance. Telecommunications managers have a pressing need for a **network management tool** that can help them reduce operational costs while providing optimized network availability and security, and addressing multimedia and convergence challenges.

The Alcatel-Lucent **OmniVista™ 8770 Network Management System** (NMS) gives administrators a **unified** view of the **OpenTouch** and **OmniPCX** communication network, including next-generation devices and applications. It features **centralized management**, bulk operations, advanced real-time performance monitoring, simplicity, and scalability, and adheres to the essential network management functions of the FCAPS model (fault, configuration, accounting, performance, security).

KEY FEATURES

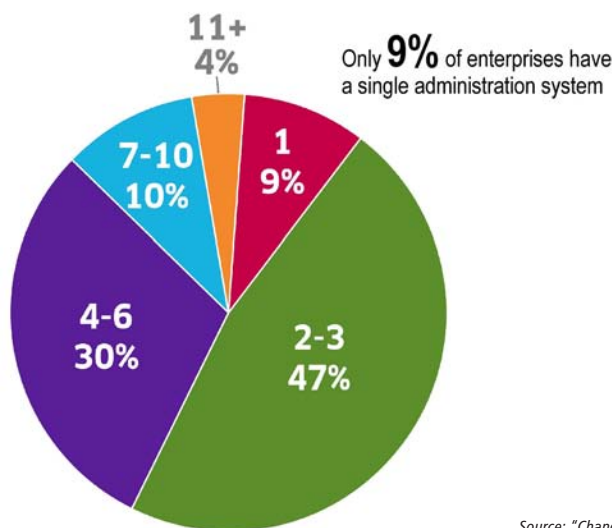
- All-in-one solution
- Unified User Management
- User and system configuration
- Real-time performance monitoring
- Alarms and topology modules
- Multi-carrier and multi-currencies accounting
- Web company directory

KEY BENEFITS

- Reduced OPEX by up to 60 percent
- Improved internal customer service and satisfaction
- Optimized use of experts' time
- Better availability, visibility and control of communications network
- Ability to pre-empt potential issues and speed up problem resolution

How many administration systems do you use?

> to configure a user, access to network resources, applications



Unified Management Benefits

57% of IT executives indicating they would gain significant savings by replacing current IT management systems with a single management tool

49% of organisations expect to offer advanced communication capabilities with a single management tool

Source: "Changing the Conversation in the Workplace - Alcatel-Lucent study 2011"

TIME OPTIMIZATION

UNIFIED USER MANAGEMENT

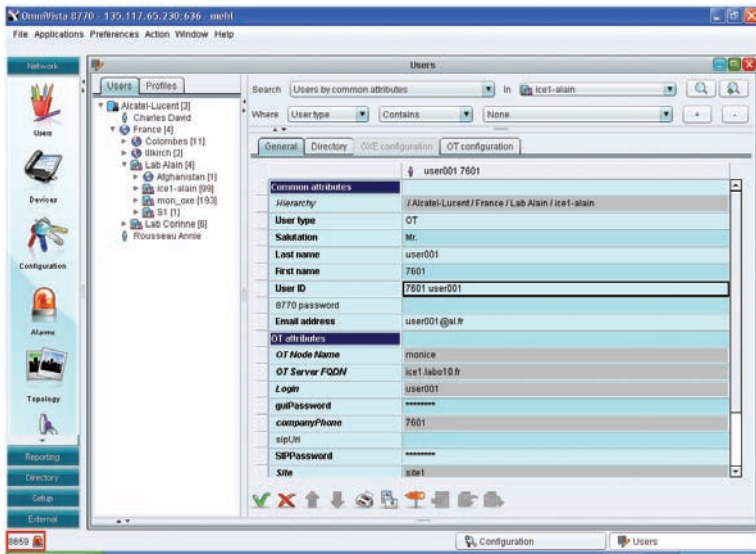
Network administrators typically spend up to **80 percent** of their time dealing with users' **moves, adds and changes (MAC)**. The OmniVista 8770 NMS Unified User Management module allows administrators to provision users, associate their SIP devices and activate services through one **unified** interface with a **reduced set of parameters**. Using **profiles** facilitates the creation of groups of users and enables the application of rules. **Change management** tracks operations history for improved security. Scheduled **backups** and **updates** minimize maintenance.

KEY FEATURES

- Quick user provisioning with profiles
- SIP devices deployment and user association
- Mass provisioning

KEY BENEFITS

- Reduced repetitive processes
- Fewer data inconsistencies
- Decreased deployment time



COST SAVINGS

ACCOUNTING

The **multi-carrier, multi-currency** OmniVista 8770 NMS Accounting module provides a consolidated view of telecommunications expenses for internal **re-invoicing** and **trend analysis**. **Hit lists** and **detailed views** provide specific cost tracking in all formats (html, txt, xml and pdf). **Call monitoring** displays traffic peaks and sends notification in the event of threshold crossing.

KEY FEATURES

- A consolidated view of telecommunications expenses
- Delivered with a set of predefined reports and the possibility to create your own reports
- Call monitoring

KEY BENEFITS

- Reduced telecommunications costs by tracking abuses and security breaches
- Internal re-invoicing of telecommunications costs
- Automated report distribution by mail



PERFORMANCE

REAL-TIME PERFORMANCE MONITORING

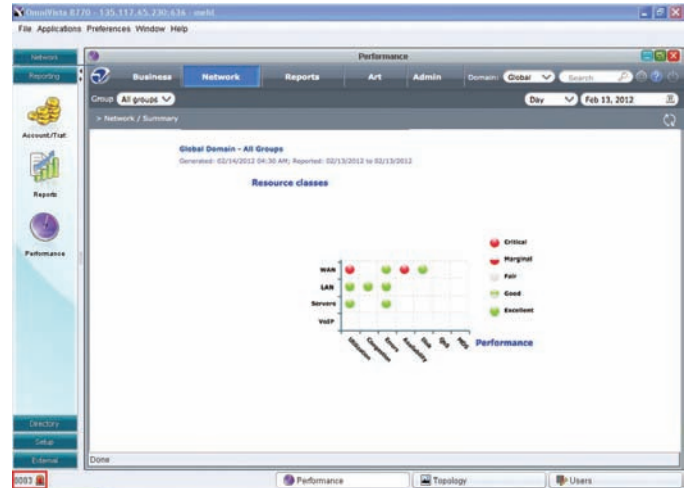
The OmniVista 8770 NMS Performance module provides real-time performance monitoring through continuous measurement of Key Performance Indicators (KPIs) such as Mean Opinion Score (MOS) for voice quality. Users are immediately notified of threshold crossing. Capacity planning helps in planning infrastructure upgrades.

KEY FEATURES

- Real-time performance monitoring
- Measurement of KPIs
- Notification of threshold crossing

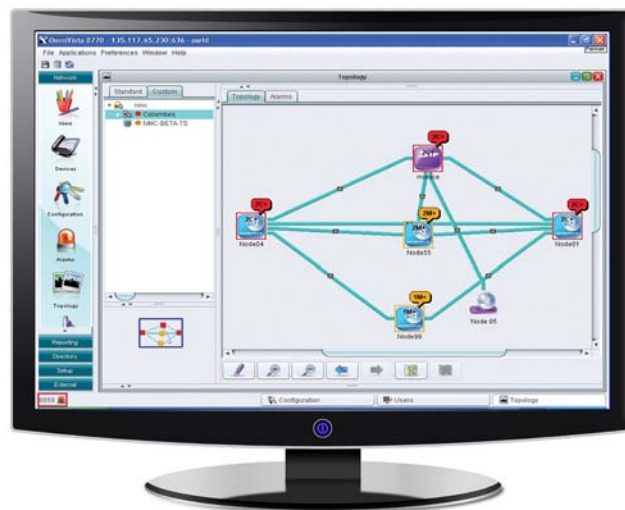
KEY BENEFITS

- Increased visibility and control of your communications environment
- View of resource availability
- Ability to analyze trends by tracking metrics



TOPOLOGY AND ALARMS

The OmniVista 8770 NMS Topology and Alarms modules provide **real-time visibility of network performance**, ranging from overviews to detailed element views that include alarms and **performance indicators**. The appropriate persons are **immediately notified** of urgent situations on their desktop or mobile device.



KEY FEATURES

- Overviews of network performance
- Detailed element views
- Notifications of urgent situations

KEY BENEFITS

- Ability to pre-empt potential network problems
- Faster problem resolution
- Proactive maintenance

COMMUNICATION ENRICHMENT

WEB COMPANY DIRECTORY

A company's success depends on its people and their easy interactions. With the OmniVista 8770 NMS Web Company Directory, you can use a web **browser** to access **corporate directory** information, and then **place a call** by simply clicking on the displayed phone number. **Automatic updates** through internal and external directories such as Active Directory® minimize operational costs and avoid inconsistencies.



KEY FEATURES

- Access to corporate directory information through a web browser
- Simple calling with a single click
- Automatic updates through internal and external directories

KEY BENEFITS

- Improved internal communications
- Up-to-date, accurate information for users
- Easy customization through skins

SECURITY

The OmniVista 8770 NMS Security module provides a high degree of security through its **embedded security agents**, automatic **authentication** and **encryption**, and **data recovery** process. The capability to define **role-based permissions** tightens the security of voice operations and reduces exposure to unauthorized access and changes. The Public Key Infrastructure (PKI) enables secured SIP deployments for application servers by providing **trusted certificates**.

KEY FEATURES

- Role-based and domain management
- Active and passive redundancy
- PKI

KEY BENEFITS

- Flexible centralized and/or local management
- Disaster recovery and high-availability redundancy solutions
- Embedded PKI avoids costs of multiple PKI vendors

OMNIVISTA 8770 MANAGED COMMUNICATION SERVICES EDITION

The Alcatel-Lucent OmniVista™ 8770 Network Management System - **MCS Edition** enables service providers to **centrally manage** the Alcatel-Lucent OmniPCX™ Enterprise Communication Server (Release 8.0 and later) and the Alcatel-Lucent OpenTouch™ family installed base in an **outsourced service** environment. This edition enables additional **enhanced services** for customers, either included in maintenance contracts (such as proactive maintenance, which helps your customer minimize system downtime) or as supplementary services (such as accounting or greeting quality analysis reports).

KEY FEATURES

- Alarm monitoring and resolution
- Backups, Upgrades
- User MAC
- Performance and accounting reports
- Asset management

KEY BENEFITS

- Lower maintenance cost through centralized remote management
- Enhance reactivity due to customers' equipment visibility
- Increase recurrent service revenue with an enlarged portfolio

