



# ALCATEL-LUCENT OMNIVISTA 8770 NETWORK MANAGEMENT SYSTEM

A SINGLE MANAGEMENT INTERFACE ACROSS SYSTEMS AND DEVICES

# 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, voice over IP performance monitoring, simplicity, and scalability, and adheres to the essential network management functions of the FCAPS model (fault, configuration, accounting, performance, security).

## KEY FEATURES

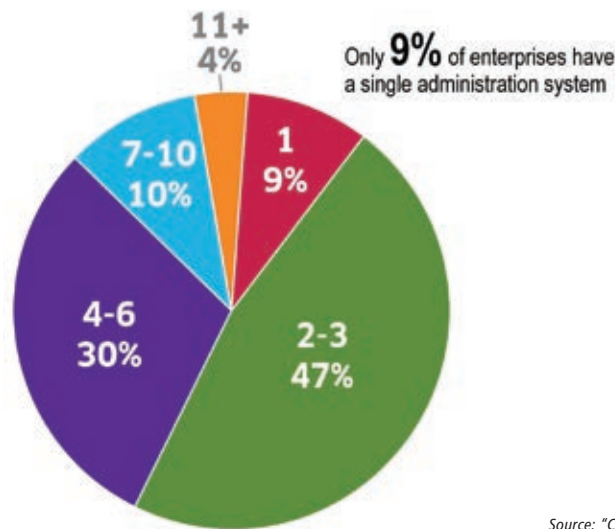
- All-in-one solution
- Unified User Management
- User and system configuration
- VoIP performance monitoring
- Alarms and topology modules
- Multi-carrier and multi-currencies accounting
- Web company directory

## KEY BENEFITS

- Reduced operating expenses 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

# TIME OPTIMIZATION

## UNIFIED USER MANAGEMENT

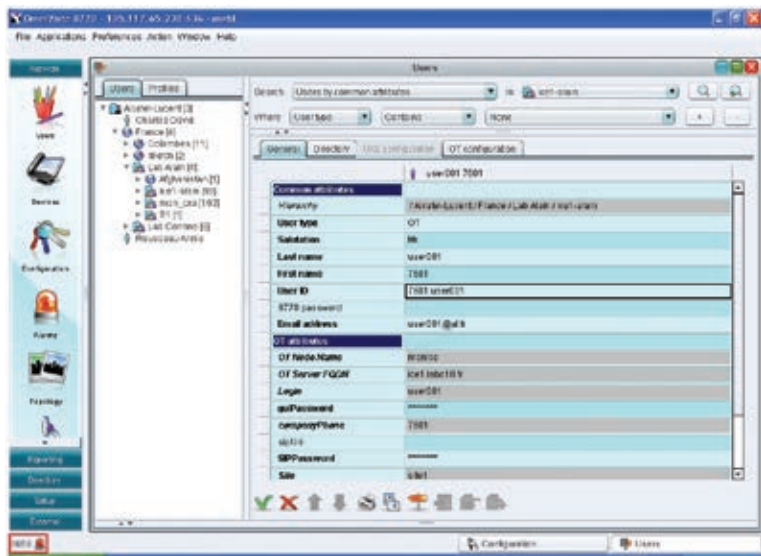
Network administrators typically spend up to **80 percent** of their time dealing with users' **moves, adds and changes (MAC)**. The OmniVista 8770 NMS Unified User Management module allows administrators to provision users, associate their SIP devices and activate services through one **unified** interface 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

## VOICE OVER IP PERFORMANCE MONITORING

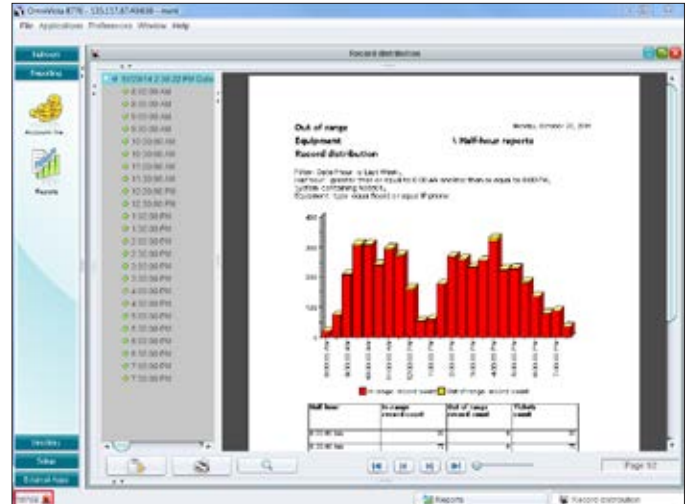
The OmniVista 8770 NMS Performance reports provides voice over IP performance monitoring through measurement of Key Performance Indicators (KPIs) such as packet loss and delay for voice quality. Users are notified of threshold crossing.

### KEY FEATURES

- VoIP performance monitoring
- Measurement of KPIs
- Notification of threshold crossing

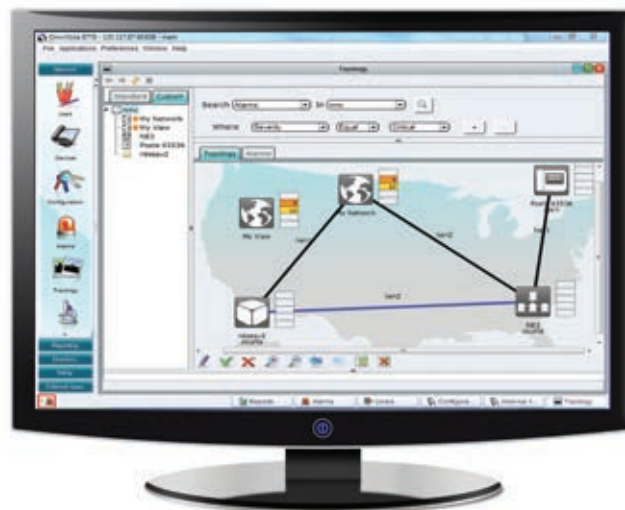
### KEY BENEFITS

- 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 indicators**. The appropriate persons are **immediately notified** of urgent situations on their desktop.



### 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 and Office Communication Servers and the Alcatel-Lucent OpenTouch™ family installed base in an **outsourced service** environment like OpenTouch™ Enterprise Cloud. 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

