

# DMSView

## DynaMate Management System

### Comprehensive Mobile Backhaul Management

The next generation of the DynaMate™ Management System, DMSView adds enhanced and innovative network management functionality to Celtro's already proven and feature-rich backhaul management system.

The easy-to-use DMSView is a comprehensive client-server software package, supporting any RAN transmission - ATM, TDM or IP/MPLS. Together with Celtro DynaMate systems, DMSView delivers the best of mobile backhaul traffic awareness, extensive and detailed reports on network and traffic behavior, and outstanding Layer 2-4 Operations and Management.

Providing carrier-grade scalability and reliability, the robust DMSView runs over both UNIX and Windows, and was designed to support thousands of Celtro DMT switches.

### Complete Network Visibility

An intuitive and user-friendly interface provides a birds-eye network view, and easy drill-down from network segment to any managed DMT element, including:

- **Fault Management**  
Complete alarm visibility at all times, with alarm severity notification
- **Network Configuration Management**  
Both offline and runtime point-and-click provisioning of both station-specific attributes and services provided by any group of stations
- **Performance Management**  
Collects and presents key performance and network utilization parameters in graphic or Excel format for rapid analysis or integration into analysis tools
- **Security Management**  
Provides a hierarchy of access authorization levels, logged and visible by the system administrator

Within a set of DMT systems, each individual DMT switch runs an SNMP Agent, managed by the SNMP Manager. This SNMP management tool connects to Agents using either an IP overlay network or an in-band DMT-to-DMT IP tunnel, which is carried by two embedded channels – high priority for alarms and low priority for other O&M tasks.

### Celtro DMSView Advantages

- Comprehensive management of up to 10,000 Celtro DMT mobile backhaul switches
- Real-time traffic awareness and in-depth reporting
- Cutting edge Layer 2-4 O&M streamlines mobile backhaul operations
- Carrier-grade reliability, software-only scalability
- Platform agnostic - UNIX and Windows

## Accelerating OAM&P

DMSView was designed specifically to streamline and accelerate mobile backhaul operations by minimizing O&M task complexity via point-and-click control panels and task automation. DMSView offers:

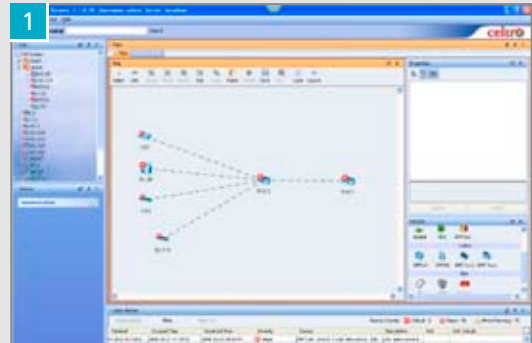
- System and segment provisioning, with verification
- Event filtering and color-coding
- Real-time zooming into traffic and performance graphs
- Exporting of reports to Excel format.

## Seamless Interworking with OSS

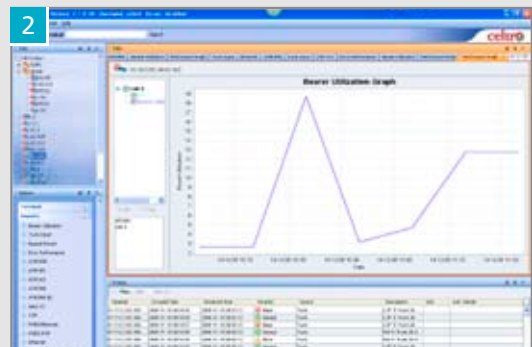
Overcoming a significant OSS integration entry barrier, DMSView enables seamless northbound integration into Service Provider OSSs by means of an SNMP Proxy integrated into the SNMP Manager.

## DMS Snapshot

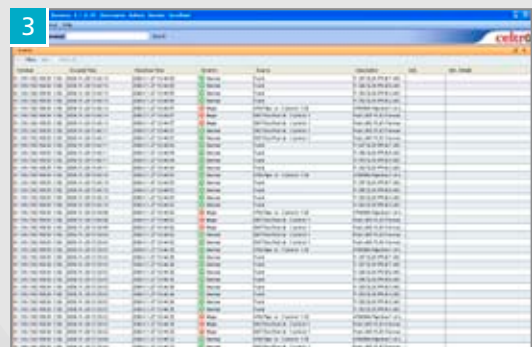
- NMS and EMS with full FCAPS support
- Supports networks of up to 10,000 DMT switches
- SNMP link to managed DMT switches and uplink to umbrella management system
- Extensive traffic and network reports
- For Windows or UNIX



DMSView: Main Window



DMSView: Bearer Utilization Report



DMSView: Events Window

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