

→ WHAT IT IS

Umbrella Management- and Monitoring System for DVB/ATSC & IPTV Networks and Studios

→ FOR WHOM IT IS

Telecommunication and broadcast service providers who plan to install, setup, configure, monitor, and schedule transmission services for realtime and non-realtime streams over networks.

→ WHICH STANDS OUT

- 100% service availability
- Fast roll-out of new services (HD, 3D, etc.)
- Fully scalable system - scales as your business grows
- Controls all resources & services in a network
- Reduced TCO with simplified setup, configuration, etc.

→ WHAT OTHERS SAY

„BBM is a platform what offers an All-in-one including the adapters for our devices. It is a reliable, central element of our entire mutlplex center in our company.“
(German Broadcaster)



BOSS BROADCAST Manager (BBM)

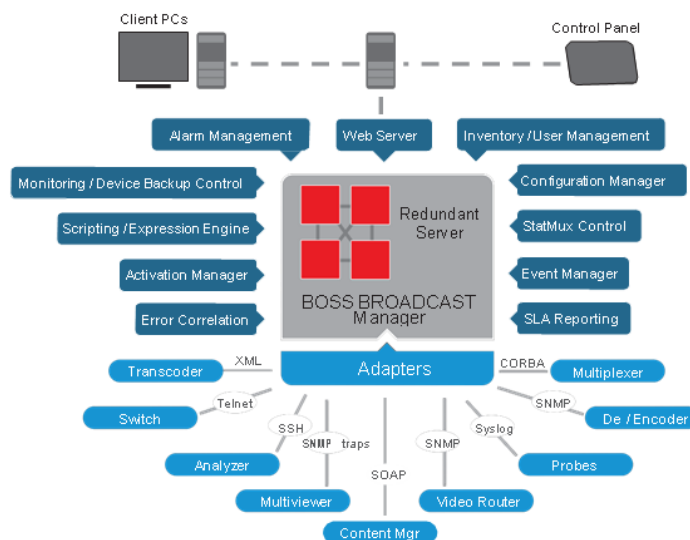
Multiviewer Management and monitoring system for DVB and IPTV networks with HTML5 interface

BOSS BROADCAST Manager is an easy-to-use, comprehensive management software platform for monitoring, configuration, and control of streaming facilities, multiplex centers, IPTV, Digital Video Broadcasting (DVB) and Advanced Television Systems (ATSC/ HDTV).

BOSS BROADCAST Manager is capable of monitoring a large number of devices independently of manufacturer and technology, while hiding the complexity from the user. Processes and workflows in broadcast distribution environments can now be effortlessly streamlined. All distribution workflows such as event, regionalization switching, backup switching, statistical multiplexing and service-based scrambling can be monitored and managed from a single system.

Core competence: Event Scheduler

The new event scheduler system allows the scheduling and initiation of multiplex configuration changes upon event boundaries. Based on the schedule created on the GUI, the multiplex management system will send configurations to the multiplexers. The event scheduler is capable to accommodate up to 18 timeshared services and to start simultaneously at the same time boundary. Active manage Conditional Access is also included in the scheduler.



Inventory / configuration management

BOSS BROADCAST Manager inventory maintains real-time information of an entire broadcast network facility. It manages both physical (i.e. MUX) and logical (i.e. VLAN) assets of a broadcast network. The configuration management allows users an easy and flexible configuration of all components, metadata, and signals in the network.

Fault management

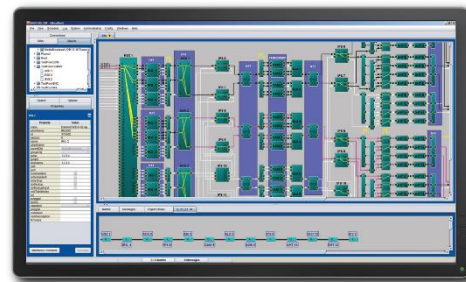
Quickly analyze and diagnose the source of errors, ensuring 100% service uptime.

Activation and correlation engine

The activation engine is a unique abstraction layer that takes the configuration sequence from inventory and communicates with devices or respective EMS using different protocols such as CORBA, XML, SNMP, Telnet, etc. The activation can be triggered by the event manager, or in case of a hardware-fault, it can be executed from the error correlation engine. In broadcast networks the alarm of a device often is not enough to enable the trouble shooter to quickly solve the problem. The root cause analysis of Dimetis' correlation engine combines and correlates all messages from the infrastructure to detect the real cause and to guide the fixing process.

Event manager

Recurring events like switching to regional TV programs can be scheduled in advance in order to save time.



Signal Path Flow Configuration of BOSS BROADCAST Manager.

Key changes in a scrambled services are an example of the benefit. The system performs the successive event according to the configuration (i.e. stop event, continuous event, scheduled event and cyclic event).

Geoblocking and monitoring

Allows the system to automatically distribute alternate content to users inside and outside of the licensed region. The monitoring module polls devices and does trap processing of all network components including branch locations. With the user-configurable GUI, the operator can easily drill-down and navigate from top hierarchical level to device level, and to complete service view.

Expression engine

Defining own rules and standards e.g. Key Performance Indicators (KPI) and Key Quality Indicators (KQI) to describe his view on daily operation. By combining figures from device OIDs with alarm types, thresholds, service level profiles and/or other data collected from the network elements each operator can focus on his individual critical parameter in a complex and constantly growing broadcast infrastructure.

→ Who we are.

Dimetis is a carrier grade software development company that serves the media and service provider industry. The mission is to create solutions that simplify, optimize and secure the communication and management of video, audio and data infrastructures along the media value creation chain.

Find out more insights.

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