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Network Management

Compression systems are becoming increasingly complex, particularly in multiple delivery systems and multi-format operations. There is a tremendous need for a concentrated view of all technology and content flows to manage operations, to perform monitoring and troubleshooting.

Thomson XMS™ management system provides a clear supervision for an entire system, including fault monitoring, fail-over management and confidence monitoring of delivered services. With XMS™, supervisory staff can optimize resources, and accelerate fault finding and resolution.



Network Management

- [Digital TV System Manager](#)
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XMS Network Management System

Thomson XMS™ Management System gives service providers a suite of software tools for controlling and monitoring any digital television system, from broadcasting over satellite, terrestrial, cable, IPTV, and mobile TV networks, to contribution and primary distribution over IP, PDH, SONET/SDH, or ATM backbones.

The XMS system manages more than 50 types of Thomson SD and HD, MPEG-2 and MPEG-4 compression and processing equipment, including ViBE and NetProcessor digital content delivery platforms, as well as third-party equipment.

With redundancy at all stages of the systems, XMS™ presents a unique design to deliver fault-tolerant system architecture. The proposed architecture supports N+P redundancy for a pool of IRDs, encoders, multiplexers, or modulators in hybrid ASI / IP infrastructures to guarantee 100% service availability.

XMS™ provides standard interfaces to most conditional access systems as well as built-in scheduling capacity to manage services with complex and dynamic commercial packages including content time-sharing, Free-to-air to payTV transitions, pay-per-view, service regionalization.


[DataSheet:](#)
[XMS Network Management System Data Sheet.pdf](#)