



# Hytera XNMS DMR Management System



Hytera XNMS is a comprehensive and intuitive DMR network management software that enhances communication infrastructure by enabling centralized, remote control of all connected repeaters. DMR network operators benefit from real-time system monitoring, automated alerts, and detailed usage reporting, which collectively improve operational efficiency and reduce downtime.

XNMS can proactively address performance issues through remote diagnostics and alert-triggered responses—helping prevent service interruptions and maintaining consistent network reliability across locations. With features such as coverage mapping, repeater access control, and automated service reporting, XNMS streamlines system maintenance, and ultimately increase the resilience and dependability of the communication network.

## KEY BENEFITS

**Easy to Use:** The user-friendly interface makes managing and monitoring Hytera DMR networks simple and easy

**Real-Time Monitoring:** Keep track of system activity and repeater status in real time for better control and receive system alerts via email

**Remote Management:** Configure basic parameters and access reports remotely, saving time and effort

**Flexible Deployment:** Install XNMS on a single computer or distribute across multiple machines for scalability

**Repeater Access Control:** Restrict unauthorized access to your network with a secure repeater access code

**Coverage Map:** Shows the RSSI (Received Signal Strength Indicator) of all radios in the repeater range, providing deployment reference for better coverage.



**Hytera XNMS** is a PC-based application designed for monitoring and controlling all repeaters registered in the system. XNMS enables remote repeater diagnostics, proactive troubleshooting, and detailed system analysis with service queries and performance statistics for a given period.

**XNMS is supported on Hytera XPT systems, IP-Connect systems, and DMR Tier II conventional repeater systems.**

## KEY FEATURES

**Flexible management of configuration files and firmware packages:** Easily update, deploy, and standardize system settings across multiple repeaters, reducing manual effort and ensuring consistent network performance.

**Monitor and diagnose any repeater status in the system with immediate alarm notifications:** Gain real-time insight into system health and respond quickly to issues, minimizing downtime and improving service continuity.

**Monitor and understand repeater usage trends:** Access operational analytics to optimize resource allocation, identify bottlenecks, and make informed decisions about system expansion or reconfiguration.

**Remotely configure repeaters:** Save time and reduce the need for on-site visits by adjusting key system parameters from a central location—ideal for distributed networks or limited technical staff.

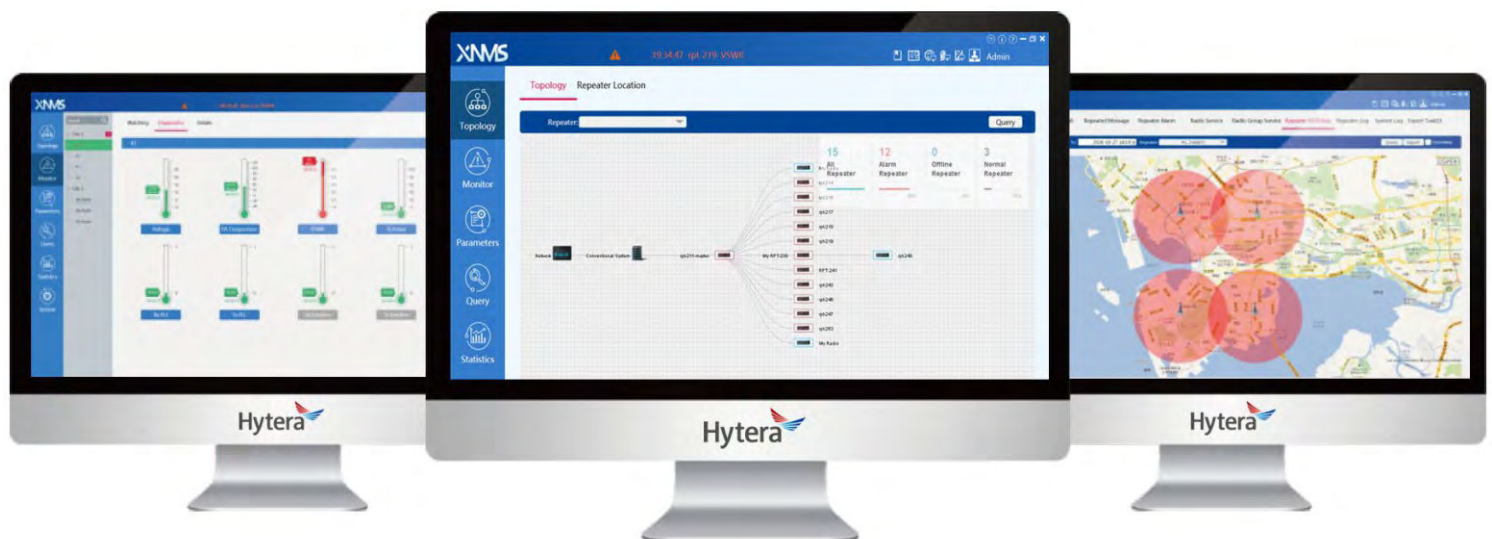
**Query alarm history and detailed service data:** Analyze past events to identify recurring issues, enhance troubleshooting accuracy, and support preventive maintenance strategies.

**Generate reports on statistical repeater service data:** Create clear, actionable performance reports to track network usage, efficiency, and overall system reliability.

**Export repeater service data:** Easily share operational insights with external teams or store them for compliance, audits, or long-term system evaluation.

**Send notifications with alarm information:** Send alarms to up to fifteen emails to keep key personnel informed in real-time about critical system changes, ensuring faster coordination and response when needed.

**Software deployment flexibility:** Whether on a single workstation or distributed across multiple systems, XNMS is highly scalable and adaptable to organizations of all sizes.



Hytera XNMS provides a powerful and user-friendly solution for managing Hytera DMR radio networks. With its comprehensive features and flexible deployment options, XNMS empowers you to optimize your communication system and improve overall efficiency and reliability.



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