

xMonitor®

Wide Area Mobile VoIP and Data

xMonitor® is a diagnostic tool that allows support personnel to quickly gather information about xMax networks and assess their health. xMonitor functions as a web-based application* and operates in concert with the xMax Mobile Switching Center (xMax-MSC) to provide and manage network subscriber connectivity.

xMonitor is designed to be installed at the operator's Network Operation Center, enabling remote management of network status. The program runs as a live application which continuously collects data from the network, updating the aggregated information without user intervention. It can be programmed to display specific views around the clock – providing an at-a-glance heads-up display from which to survey the network.



xMonitor provides several levels of information, enabling support staff to drill down to access pertinent data required to rapidly address network issues. The Dashboard view, which is presented upon startup of the application, provides an overview of all configured base stations and other network components (both active and inactive) and their current status in real-time. Each base station shown in the Dashboard view can be expanded to show details about its technical configuration as well as dynamic statistics related to its operation. Detailed, high-resolution data can be displayed on a channel-by-channel basis.

Generated alarms from the network and its components are displayed appropriately within xMonitor to give quick access to issues which have been automatically reported. With the additional capability of notifying users via email about these alarms, network operators can receive this information within minutes and will never miss service-affecting issues.

xMonitor also includes a powerful reports generator that produces detailed, graphical representations of data collected by the program. This provides extensive comparative information useful for support personnel to supervise network activity, diagnose overall network health and optimize operations.

xMonitor is part of xG® Technology's comprehensive, all-IP xMax wireless system infrastructure that represents the first fully mobile VoIP network. The xMax product line includes base stations, switching centers, handsets and modems. xMax networks are powered by xG's patented system design and operate over free, unlicensed spectrum independently from legacy cellular networks. This enables xMax networks to provide advanced mobile voice and broadband data services at far lower costs to operators than alternative technologies – allowing for a faster return on investment and nearer-term cash flows.

Key Features

- Easy setup and use
- Real-time updates
- Provides comprehensive monitoring of network status
- Generates detailed base station activity statistics
- Flexible, on-demand reports tool

* Requires Mozilla Firefox 3.5 or later



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