

StreamStar™ Element Management System

• Point to MultiPoint • Non Line of Sight Coverage • Fully Integrated Management



StreamStar Element Management System

- Element Management for base stations and subscriber devices
- Optimized for effective management of the wireless network
- Scalable to thousands of elements and subscribers
- Realtime monitoring, logging, provisioning

While broadband wireless networks have major advantages, they do not differ much from their wired counterparts in the need for effective management, and their geographical dispersion of nodes contributes to their complexity.

To enable simple, centralized, and effective management StreamStar comes with an EMS (Element Management System) application suite which offers all tools necessary to successfully and easily run a broadband wireless network. The EMS allows operators to focus on their business assisted by the powerful software tools.

The EMS is a set of client/server GUI applications, featuring an SQL database for storage of all data, management of elements comprehensive alert and event logging, drill-down performance reporting, and real-time monitoring. Client, server and database applications all run on the standard Windows platform and the EMS is an entirely graphical, point and click interface.

The EMS is scalable from a few units to thousands of elements, all managed from a single console. EMS propagates changes to the elements themselves, and once configuration is deployed, the network will operate even if the EMS is not operational.

Unified management brings an entire network under a single umbrella and greatly reduces administrative overhead, in many cases making the difference between an operator's business success and failure.

Comprehensive and Centralized Management Platform

Main Features

- Windows-based, GUI software (NT/2K/XP/2003/Vista)
- Complete element database with SQL DB engine
- Monitoring, logging, mapping and provisioning
- Store logical and physical elements: Base Stations, Access Units, and Subscriber Units
- Store details about elements such as address, contact, model, etc. for reference
- Manage access control: allow or disallow Subscriber Units from joining the network
- Display realtime views about system status, SU signal levels, modulation
- Collect system log data into the database for reporting purposes.
- SU reports: signal level history, connection/disconnection history, data transfer history
- AU statistics, performance data, logs and events

