
News Release

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For Immediate Release

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***sat-nms* CSM Communication System Monitoring System introduced by SatService Gesellschaft für Kommunikationssysteme mbH**

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SatService Gesellschaft für Kommunikationssysteme is pleased to announce its new *sat-nms* CSM Communication System Monitoring software.

The *sat-nms* CSM System, developed by SatService GmbH, is used in Satellite Ground Stations and enables the operator easily to monitor the signal spectrum of selected satellite links or channels by means of a spectrum analyzer and to configure a measurement sequence which verifies the levels of defined channels with cyclic measurements in the background. The CSM module can be integrated into the *sat-nms* network management system or operate as a stand alone software.

The CSM system measures signal levels and signal/noise ratios by analyzing the spectrum measurements of one or several spectrum analyzers. Multiple channels will be measured within one spectrum analyzer sweep. With software controlled RF switches in front of the spectrum analyzer, different antennas or frequency and polarization bands can be measured in one sequence.

From the measurement results the software calculates downlink EIRP, carrier to noise density and noise density, taking into account the spectrum analyzer's resolution bandwidth, the channel bandwidth and calibration values stored in the system configuration.

Key Features

- Support for multiple Spectrum Analyzers
- Multiple Channels per Analyzer
- User-friendly Graphical Interface
- Access to recent spectrum plots without interrupting the measurements
- Channel History Chart displays the stored channel levels
- Client-Server based architecture with unlimited number of clients

SatService Gesellschaft für Kommunikationssysteme mbH is a Company under German law operational since 1996 in Steißlingen, South Germany at the Lake of Konstanz directly at the border to Switzerland. The Company provides a broad range of services and products to their customers in Europe in the field of Satellite Ground Stations, Satellite News Gathering Systems, In-Orbit-Test, Monitoring & Control and Network Management Systems and VSAT networks, the services include: consulting, system concepts and design, system integration, acceptance tests, repair and service center for Satellite Communications related products.

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