

News Release

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For Immediate Release

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New Antenna Control Step Track System introduced by SatService Gesellschaft für Kommunikationssysteme mbH

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SatService Gesellschaft für Kommunikationssysteme is pleased to announce its new *sat-nms* ACU Antenna Control and Step Track System for Satellite Ground Station Applications.

The *sat-nms* Antenna Control System, manufactured by SatService GmbH, is used in Satellite Ground Stations to position and track the parabolic antenna in azimuth, elevation and polarization reliable to the satellite. The *sat-nms* ACU product family can cover antenna control which reaches from positioner only applications up to a full featured adaptive step-track system. The ACU system consists of the *sat-nms* ACU-ODM module and the *sat-nms* ACU-IDU.

The *sat-nms* ACU-ODM (Outdoor Module) is a three axis antenna positioner which provides all interfaces to three motor drivers like DC servos or frequency inverters which are commonly used in larger antennas. It is integrated in a small DIN rail module which easily fits together with the motor drivers in a cabinet direct at the antenna. It provides three possible interfaces to position indicators, analog resolvers (covering all popular antennas from the major SATCOM antenna manufacturers), Digital angle detectors with SSI interface and potentiometers. The key feature of this module are that it includes a full web, telnet and ftp server, provides a TCP/IP interface and optionally can be upgraded with a step track software enhancement. It will operate together with the *sat-nms* LBRX beacon receiver from SatService, so that the customer can get a fully integrated solution

The ACU-IDU (Indoor Unit) is based on the *sat-nms* M&C System software technology. It provides a sophisticated user interface with a lot of features which enables the user to easily operate it antennas. This ACU-IDU software package can either run on a independent ACU-IDU industrial PC or can be integrated in the *sat-nms* M&C Software so that the user only needs one PC for both applications.

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, 1 hour from Zürich international airport. The Company provides a broad range of services 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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