

---

## News Release

For more information contact:

**For Immediate Release**

Michael Ulbricht  
SatService Gesellschaft für Kommunikationssysteme mbH  
Tel +49-7738-97003  
Fax +49-7738-97005  
mu@satservicegmbh.de

### ***sat-nms* LFRXTX L-Band and 10MHz Fiber Optical Links introduced by SatService GmbH**

Steisslingen, Germany, – February 14 2008 –

SatService Gesellschaft für Kommunikationssysteme is pleased to introduce its improved *sat-nms* **LFRXTX10** L-Band Fiber Optical Links including 10MHz transmission.

The *sat-nms* LFRX Optical Receiver and *sat-nms* LFRX L-Band Optical Transmitter are high performance RF to optical converters for analog multi-carrier RF (L-Band) transportation via fibre optical links.

**The novelty is that the commonly used 10MHz reference frequency which is multiplexed on the L-band signal for a BUC (block up-converter) by a satellite modem can now be transferred via the same fibre optical link.**

The equipment is available as 2 height unit 19" drawer which can contain up to 10 optical transmitter or receiver in any combination. Even "n to 1" redundant L-Band Optical Links are available

An application for such an optical link is for example the RF signal link, which transfers the RF signals via fibre optic even over long distances (which cannot be handled by coaxial cable) from an satellite modem which is located indoors to an BUC directly mounted at the antenna.

The equipment interfaces also smoothly with the *sat-nms* Monitoring&Control and Network Management System. It provides an ethernet and a serial interface for remote control, but also a local operator control at the frontpanel.

More details please refer to <http://www.satnms.com/en/products/lf.html>

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.

#### **Business address:**

SatService Gesellschaft für Kommunikationssysteme mbH  
Hardstr. 9, D- 78256 Steisslingen  
Mail address: PO Box 1109, D-78254 Steisslingen  
Tel +49-7738-9700-3 and -4  
Fax +49-7738-9700-5  
[info@satservicegmbh.de](mailto:info@satservicegmbh.de)  
[www.satservicegmbh.de](http://www.satservicegmbh.de) and [www.satnms.com](http://www.satnms.com)

#####