

News Release

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For Immediate Release

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**New Antenna Controller *sat-nms* ACU19
introduced by
SatService Gesellschaft für Kommunikationssysteme mbH**

Steißlingen, Germany, – September 02, 2008 –

SatService Gesellschaft für Kommunikationssysteme is pleased to announce its new *sat-nms* ACU19 Antenna Controller for Satellite Ground Station Applications at IBC in Amsterdam..

- SatService will present this new product at IBC in Amsterdam at its booth F55 in hall 1
- Apexsat GmbH will present it in life use together with their 1,8m and 2,4m motorized antenna solutions also at IBC in the outdoor exhibition OE310

The *sat-nms* ACU19 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. This specific new model is dedicated to small satellite ground station antennas up to an diameter of 2,4m which are motorized with DC motors.

The *sat-nms* ACU19 is a three axis antenna positioner which provides all interfaces to three DC motors, which are commonly used in smaller antennas. It is integrated in a small 1 RU (rack unit) high 19" drawer, so it fits also in space limited satellite ground station applications.

The key feature of this antenna controller, like in any equipment belonging to the *sat-nms* family are its full web- and ftp-server capabilities. It provides a Ethernet TCP/IP interface and optionally can be upgraded with a step track software enhancement for inclined orbit tracking for example together with the *sat-nms* LBRX beacon receiver from SatService.

Operation will be performed either by front panel or by the integrated web server via any type of web browser.

More details can be found on the website www.satnms.com

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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SatService

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Antenna Control Unit ODM --- SatService GmbH - Mozilla Firefox

http://192.168.2.88/

1,8m Antenna

Azimuth	Elevation	Polarization
114.681°	46.844°	-60.700°
Az. target value 114.686°	El. target value 46.845°	Pol. target value -60.300°
MOVING		

Target name	Telecom 2D
Tracking mode	OFF
Beacon level	-95.56 dBm (var 0.00 dB)
Temperature	42.7 °C
ACU Faults	
Tracking Faults	
AZ Tracking State	M=NONE A=0% J=0%
EL Tracking State	M=NONE A=0% J=0%
Time	2006-06-06 12:47:06

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Targets

Target Set 0..19 20..39 40..59 60..79 80..99

#	Target	Go	Save	Delete
0	ADAPTIVE TRACKING MEMORY			
1	19.2 °E 11698_89 (166.210/34.214/-9.131)	▶	📁	✏️
2	-8 °E AB2 step RX (202.292/32.956/15.000)	▶	📁	✏️
3	Intelsat 901 -18 ° (214.430/29.924/30.152)	▶	📁	✏️
4	-8 °E croospolar z (202.324/32.693/-75.200)	▶	📁	✏️
5	-12.5 °E (207.904/31.296/18.185)	▶	📁	✏️
6	-12.5 °E RX Vertik (207.904/31.296/-71.000)	▶	📁	✏️
7	-8E Bake Tracking (202.076/33.453/25.000)	▶	📁	✏️
8	-8E Telecom 2D inc (202.378/34.129/-75.000)	▶	📁	✏️
9	-8 °E AB2 step RX (202.292/33.142/15.000))	▶	📁	✏️
10	-8 °E LUPO Nero (202.324/32.693/15.200)	▶	📁	✏️
11			📁	
12			📁	
13			📁	
14			📁	
15	AB1 12W5 Step (207.696/31.699/18.185)	▶	📁	✏️
16			📁	
17	NAME (182.522/35.055/1.723)	▶	📁	✏️
18			📁	
19	-8 °E AB2 Tracking (202.266/32.960/25.000)	▶	📁	✏️
	Numeric orbit position	▶		

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