



# Jotron JRAS

Jotron Remote Access Suite



[www.jotron.com](http://www.jotron.com)

## ▶ Jotron JRAS

**A state of the art tool for efficient management of Jotron antennas**

**JRAS is a maintenance, service, support and diagnostics tool for the integrated stabilized antennas from Jotron Satcom. The tool is accessed via Internet or local LAN. On the vessel, the local LAN can be accessed from the front of the BDE Unit or from a service Wi-Fi inside the radome.**



Remote access by Internet can be by routing via the VSAT link or via alternative routes like Inmarsat Fleet Broadband. An alternative route is highly recommended, and Telnet may be used if the available link is slow or costly.

JRAS is built upon open web standards and all modern browsers and platform types are supported. This means that a range of equipment can be used for accessing JRAS: Windows/Linux PC, MACs, Tablet PCs and Smart Phones (Apple, Android) etc.



### **Save maintenance cost**

JRAS enables preventive maintenance by long term performance logging and diagnosis. A spectrum analyzer is built-in for RF quality check. JRAS enables automated remote routine maintenance like firmware upgrades, tracking parameters adjustment, mechanical checks etc.

### **Fast installation**

The built in tools save time and make the system calibration, check and line-up easy.



### **Remote assistance**

JRAS enables remote configuration and line-up. Both the local and the remote user can access JRAS simultaneously.

### **Remote service and support**

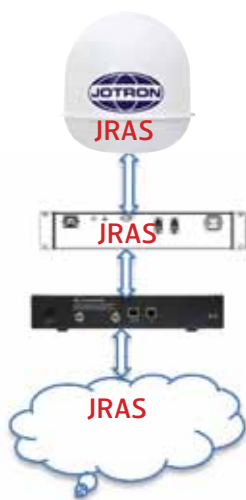
Use of JRAS remotely will in most cases provide the necessary tools for recovering normal operation of the stabilized platform. If not, the help desk can pinpoint the faulty component, ship correct spare parts and recover service by remote assistance.



# TECHNICAL SPECIFICATIONS

Technical Specification	
<b>Maintenance tools</b>	
Firmware, hardware and mechanics version	Y
Safe firmware upgrade	Y
Automatic roll-back if unsuccessful upgrade	Y
Track/Alarm/Events/Command Log for latest 30 days	Y
Service and User Guides in pdf	Y
Regulation and tracking performance parameters for mechanical status evaluation	Y
<b>Information</b>	
Voltage and current sensors for hardware status evaluation	Y
Internal link error counters for hardware & cabling status evaluation	Y
Optional web camera with LED light inside radome for	O
<b>Installation tools</b>	
Manual accurate pointing in azimuth, elevation and polarisation	Y
Automatically identify found satellite(s) by spectrum analysis	Y
Automatically calibrate position sensors based on identified	Y
Modem lock and SNR displayed	Y
Safe firmware upgrade	Y
BUC status; 10 MHz in, Oscillator lock, ready	Y
Installation guide	Y
<b>Compatibility</b>	
iDirect AMIP	Y
iDirect handshake (via Console port)	Y
STMSNMP	Y

## Access points



v.A

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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