RACS III
REMOTE ACCESS AND CONTROL SYSTEM

JOTRON

➤ RACS III – Remote Access and Control System

The remote access and control system (RACS III) is used to monitor, control and perform regular maintenance of each individual radio and the complete radio system.

The RACS III software presents an easy and user-friendly management access to all radios in a large nationwide communication systems or smaller regional systems.
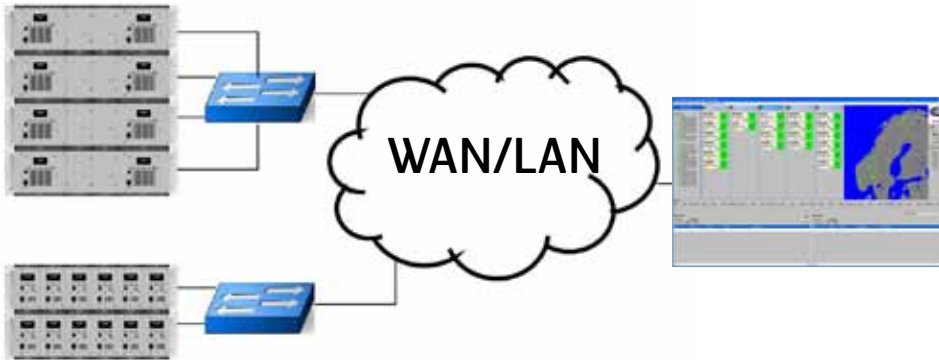
The system is based on Ethernet connections to the different radios via an existing Network structure.

RACS III and the Jotron 77XX series radios use SNMP for the monitoring and control.
The radio sends SNMP traps to a preconfigured multicast address or to a list of unicast addresses.
It also support messaging to a server on a remote LAN (remote server) using a default gateway.

This solution gives a flexible, scalable and reliable system with few limitations. Adding radios or workstations to the system is done by configuring a few parameters that are specific for each radio.

The RACS III computer can also act as an SNMP agent, serving higher level alarm systems with SNMP traps.

Radios with IP connectivity

An example of hardware configuration with only 2 sites.
The addressing scheme of the system is based on using class-C IP networks for all radios.
Each radio must be assigned a unique IP address, which is defined during installation. In addition a radio group (site) must be assigned a common multicast address where all messages from the radio are sent or a Unicast address to the RACS III computer.

Agent/Distributor:

v.B

CONTACT INFORMATION