

**RF-7700NT
REMOTE CONTROL
SYSTEM**

*provides distributed
remote control and
monitoring capabilities
of radio equipment*

The Harris RF-7700NT provides distributed remote control and monitoring capabilities of HF radio equipment across a TCP/IP based LAN/WAN. The RF-7700NT is available as an off-the-shelf solution for many applications or as a non-development item tailored to meet unique system requirements. The RF-7700NT takes advantage of the latest available commercial PC hardware to offer a cost effective, readily available, upgradeable platform. The RF-7700NT is an excellent form and function replacement for DEC PDP/11 based control and monitoring systems.

The RF-7700NT is a Microsoft Windows NT application that operates on PC hardware configured with sufficient communications ports to handle the radio equipment load. The product is scalable, meeting the needs of small applications as well as large multi-site communication systems including split-site and triad configurations. The software can be coupled with COTS environmental and power control and monitoring systems to provide 7/24/365 "lights out" remote site operation.

The RF-7700NT supports multiple Operator Consoles to control and monitor radio equipment assets. Operators have full control and monitoring capabilities of radio equipment parameters, audio/data routing, antenna selection and antenna rotation. In addition, the RF-7700NT can be integrated with data transmission software such as Harris' RF-6750W Wireless Email and RF-3700H Imaging products.

The RF-7700NT builds on Harris' Systems Engineering expertise in radio products and can be provided as part of a customized control and monitoring system. Harris can also provide full systems engineering support for installation and upgrading of strategic remote control systems.



Features

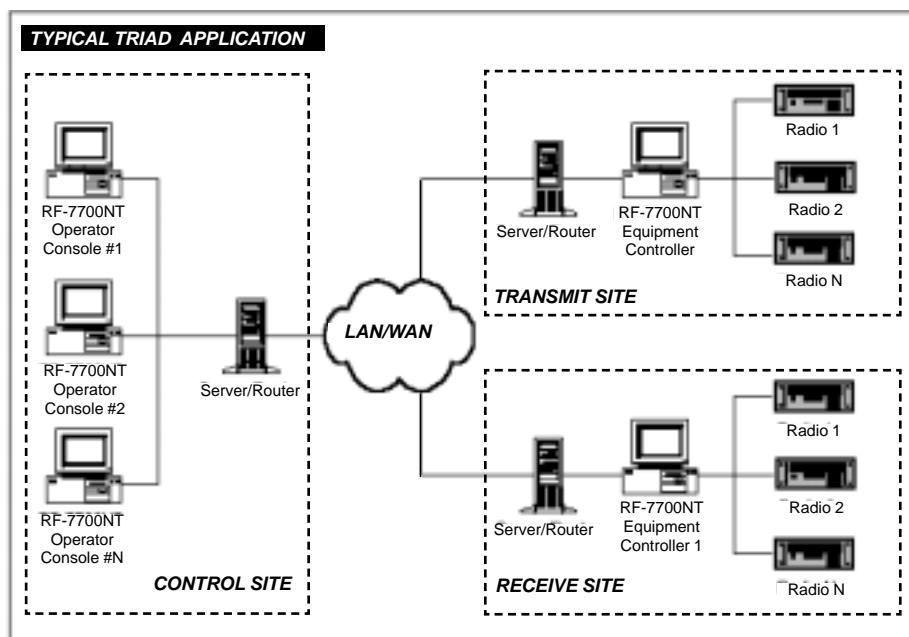
- Windows NT interface provides operators with a user friendly, familiar operating environment
- Highly scalable software architecture uses state-of-the-art distributed object technologies to support a wide range of system solutions, including 7/24/365 "lights out" operations
- RCS software is readily integrated with other software applications and communications systems including environmental and power monitoring systems
- Supports other Harris and OEM equipment providing an integrated control and monitoring capability
- Readily expandable to control/monitor other devices and equipment
- Designed to achieve computer hardware platform independence
- Supports RS-232, RS-422, and Ethernet interfaces to external devices and systems

Supported Equipment

- Harris RF-1310 & RF-1310A based Transmitters
- Harris RF-1155, RF-755, RF-1140 Transmitters
- Harris Broadcast DX Series LF Transmitters
- Harris RF-590 Receiver
- Harris RF-7210 ALE
- Harris RF-5022
- Delta Transmit Matrix
- RF-940 Series Matrices
- Reico Audio, Keyline and Receive Matrices
- Antenna Products Rotator
- Contact Harris for other equipment and custom development

Applications

- Ship/Shore and Broadcast HF Communications Systems
- Air Traffic Control Systems
- Automatic Link Establishment Systems
- Shipboard HF Communications Systems
- Distributed Communication Systems Control



Specifications are subject to change without notice.

