

SAFETRAN RADIO DATA/CODE LINE PRODUCT FEATURES

A Server/WCCMaint

A Server

- Monitors each WCC/FPD and WCM, collecting alarm, diagnostic and statistical information that is forwarded to WCCMaint clients and other applications
- Can handle up to 400 WCC/FPD units distributed over a segmented LAN/WAN network
- Graphical screen display provides quick overview of system status and traffic patterns
- Can forward critical system alarms to higher-level Network Management Systems via TCP/IP and/or SNMP
- Interfaces to the system database for location names, code-line designations, and other static data as needed
- Can be configured to run as a Windows® NT service and/or cluster-aware application
- Log-in security
- Support Windows® Terminal Services

WCCMaint

- Alarm overview of code lines per division
- Real-time monitoring and tracking (charting) of serial and DC code lines
- Signal strength display (bases to field locations, and vice versa)
- Loop-back commands for troubleshooting
- Detailed analysis of traffic statistics and errors
- Remote configuration of WCC/FPD units
- Remote software maintenance and uploading
- Remote diagnostic terminal for each code line to allow interactive commands/displays of code-line operation
- Main/Standby switching and display, including managing the A/B switches
- Remote reset of WCC/FPD units

A/B Switch

- Neuron® (Echelon®) 10 MHz microprocessor
- Supports 12 RS-232 lines
- Provides front panel access to all 12 ports, allowing a user to plug a protocol analyzer or other equipment into the unit
- Provides automatic fail detection and switch-over operation from primary to backup WCC/FPD
- Allows the user to independently set each port to be primary or backup
- Echelon® LonTalk® port for maintenance and diagnostic functions
- 12 VDC operation
- Operating temperature range: -40C to +70C
- No moving parts ensures high reliability
- Works seamlessly with the 9-port & 12-port WCC/FPD's plus WCM devices