

Integrated Dispatch and Radio Management System

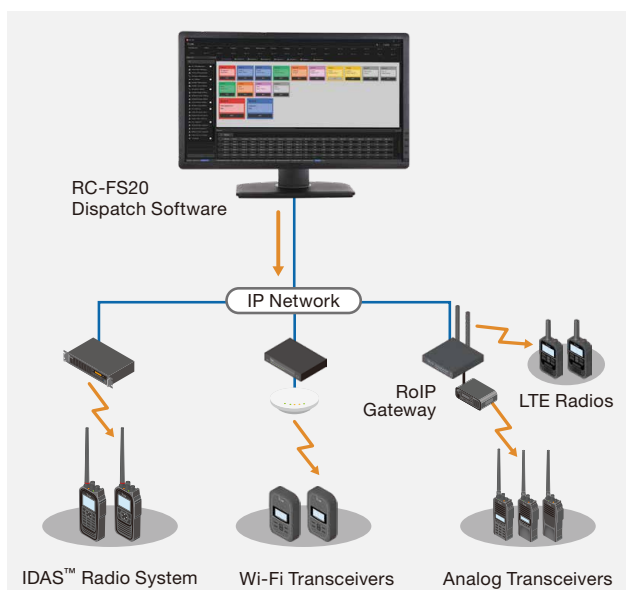


The RC-FS20 Dispatch Software unifies multiple radio systems into a single IP-based dispatch solution. Running on a standard Windows™ PC, it provides seamless voice access to IDAS™ digital radios (NXDN™/dPMR™) and Wi-Fi radios through one intuitive interface. With the VE-PG4 RoIP Gateway, the RC-FS20 connects analog systems, LTE networks, and other radios into a coordinated operation. Optional activation keys enable advanced features such as AVL tracking and encryption, allowing the system to scale to your operational needs.

- Unified Dispatch for IDAS™ and IP Radios
- Dedicated Emergency Alert Window
- Multi-System Integration via VE-PG4 RoIP Gateway
- Integrated AVL with GNSS Mapping*
- Scalable Licensing with Activation Keys
- System and Repeater Status Display

* Available later

Scalable Integration: A Platform That Grows with Your Needs



- Up to 32 configurable radio systems (IDAS™: NXDN™ conventional/trunking, dPMR™ mode 2*, Wi-Fi radio, and RoIP*) (* Available later)
- All call, group call and individual call functions
- Independent audio volume control per site for focused monitoring
- Online check function to identify active units and status
- Text messaging to IDAS™ and Wi-Fi radios
- Three user permission levels: Super User, Power User, and User
- Customizable contact cards (sizes, colors and images)
- Call history, system log and repeater status
- SDK (Software Development Kit) available separately for custom feature development
- Modular licensing (IDAS™/RoIP, Wi-Fi radio, AVL, AES, DES) with trial option

Emergency Response & Security

- Emergency call alerts with automatic pop-up panel allows immediate response
- Remote monitor function (forced transmit)
- Digital voice scrambler for IDAS™ radios
- AES/DES encryption for IDAS™ conventional radios (activation key required)
- Radio control commands (STUN/KILL/REVIVE) to prevent unauthorized use
- Priority call for Wi-Fi radios (interrupt ongoing calls)

Wi-Fi Location Display & Area Calling

- User locations displayed on facility map (Wi-Fi radios)
- Wi-Fi Area Calling calls users near a selected access point

OPTIONAL ACCESSORIES

DESKTOP MICROPHONE



SM-26

HAND MICROPHONE



HM-152

PTT MICROPHONE ADAPTER



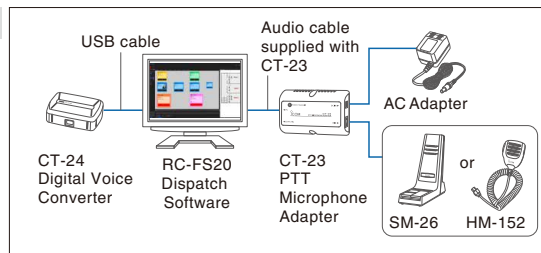
CT-23

BC-147SA/SE
or BC-123SA/SE
AC Adapter

DIGITAL VOICE CONVERTER



CT-24



- The optional CT-23 connects the HM-152 or SM-26 microphone audio (RJ45 jack) and PTT signal to the 3.5mm stereo jack to connect with a PC. A stereo jack cable is supplied with the CT-23. AC adapter, BC-147SA/SE or BC-123SA/SE is also required separately.
- A third-party PC headset or microphone may be used with RC-FS20. (Instead of SM-26/HM-152+CT-23)
- CT-24 Digital Voice Converter is additionally required for IDAS™ radios and RoIP Gateway systems. (One unit per site.)

ACTIVATION KEYS

- **ISL-AK20IDS:** IDAS™/RoIP Activation Key
- **ISL-AK20WLN:** Wi-Fi Radio Activation Key
- **ISL-AK20AES:** AES Encryption Key (for IDAS™ conventional mode)
- **ISL-AK20DES:** DES Encryption Key (for IDAS™ conventional mode)
- **ISL-AK20AVL:** AVL Activation Key (for IDAS™ and LTE radio)*
- With the separately available AVL Activation Key*, the system supports real-time location tracking of up to 300 IDAS™ and LTE radios with track history display on a map. (* Available later)

SYSTEM REQUIREMENTS

Operating System	Windows™ 11, Windows Server™ 2022, Windows Server™ 2025
CPU	3.0 GHz or faster processor with 8 or more cores* * Intel® or AMD 64-bit processor (Arm® processors not supported)
Memory	16 GB or more
Storage	256 GB or more of available disk space
Display	1920 × 1080 pixels or higher resolution
Network	1 Gbps or faster wired connection
Audio	DirectSound compatible sound card, maximum 20 kHz frequency response, 48 kHz sampling rate
Other	USB 2.0 port for CT-24 connection, speaker, microphone

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