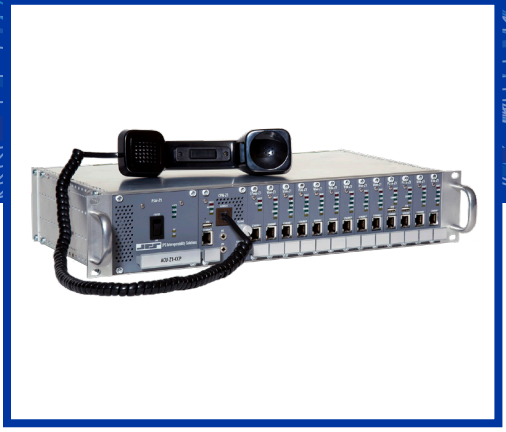
ACU-Z1 CCP™

Next-Generation Interoperability Gateway

JPS Interoperability Solutions



The ACU-Z1 combines the best of newly-available technology with JPS' two decades of experience as the industry leader in communications interoperability, applying the knowledge of customer requirements built over that time. Modular, just 2U high, fully IP centric, and loaded with the capable radio interface features you have come to expect from JPS – Where Tradition Meets Innovation.

Benefits

- Builds on the ACU- 2000 feature set, using modern hardware and advanced processors
- Modular, only 2U high, lower power - does not require extra rack space for ventilation
- Encrypted Browser-Based Control and Configuration through PCs and Smart Devices
- Connection to the JPS VIA Smartphone App provides a PTToC interface
- Local connection through standard headsets, or with specified DECT Headsets
- User selectable VoIP protocols: SIP, RTP, or JPS RoIP
- SIP PBX and Stun Support (Determines IP Address for NAT Clients)
- Modern, intuitive, and user-friendly Graphical User Interface
- Operators can use this highly scalable GUI to control wide area interoperability systems that include multiple ACU-Z1s, RSP-Z2s, and NXU-2As

Overview

The ACU-Z1 CCP (Communications Convergence Platform) starts with the capabilities of the JPS flagship ACU-1000/2000 series of radio interoperability gateways and packs in new features. Its design pays close attention to those aspects our customers deem most vital.

The unit is modular, including an optional backup controller module; highly flexible, with connection capability to all types of voice communications devices, including Smartphones. The ACU-Z1 is fully IP-centric, and possesses significant headroom - ready for the enhancements already loaded into its product roadmap, not to mention the innovative ideas that its users will supply.

A Truly Network-Centric Gateway

The ACU-Z1 has an intuitive browser-based GUI for control and monitoring of the system. Operators can even employ their browsers as mini-dispatch stations, using select interfaces to send and receive audio from selected interoperability system endpoints.

This IP-centric nature also allows the companion RSP-Z2 dual channel radio interface unit, as well as additional ACU-Z1 and NXU-2A gateways, to be integrated via IP into large interoperability systems controlled by the highly scalable web-based browser. Creating these wide area systems does not tie up any modules on the controlling ACU-Z1, with all input from these communications devices coming in via IP to the CPM module via an external IP network.

Vendor Neutral Philosophy

The JPS ACU Intelligent Interconnect Technology employed by the ACU-Z1 and other JPS gateways purposely eliminates the proprietary nature of some system types through radio-agnostic interfaces for hundreds of different radio makes and models, regardless of frequency, modulation technique, protocol, or encryption.

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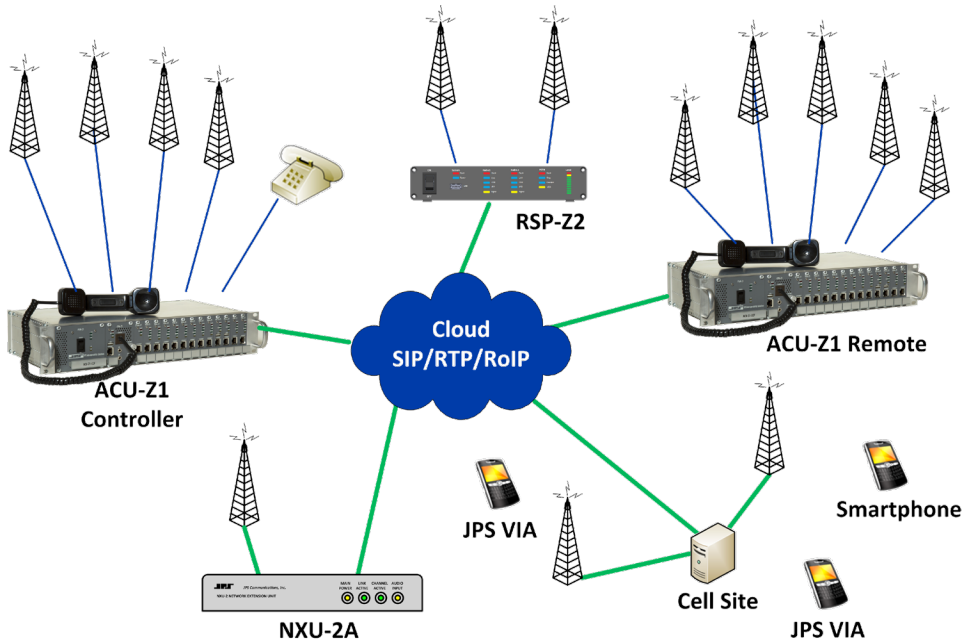
IP-Centric Interoperability Gateway

When the situation is critical, your team needs seamless interoperability. The ACU-Z1 provides a true IP-centric gateway to digitally converge existing radio systems with each other as well as with landline and SIP telephones, smartphones, and other devices.

Below: One ACU-Z1 can function as the controller for a wide area system that includes the devices connected locally at the unit as well as multiple remote devices. Devices that are not natively IP can be brought in through other ACU-Z1 gateways, the Dual Channel RSP-Z2, and other devices. Interoperability Nets involving these resources are created using the highly scalable web-based GUI on the controlling ACU-Z1.



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