

Z-SERIES FAMILY OF PRODUCTS

JPS' Z-Series architecture provides unparalleled scalability and flexibility to support needs such as communications interoperability, Radio over IP, integration with PoC applications, and wide area communications support. The unique design of these products allows direct interfaces to radios and other audio communications devices, as well as native integration into select system cores. The result is a comprehensive system that can meet any operational requirement and is significantly more cost effective than any traditional approach.

QUICK FACTS

- LMR interfaces feature proven and reliable JPS technology not dependent on radio protocol
- Self-sufficient systems, not reliant on servers or computers to maintain interoperability or distribution
- Compatible with existing and legacy ACU[®] and NXU[®] JPS gateways
- Zero recurring costs – free support and software updates
- Operates standalone and/or with other systems in wide-area scenarios
- Patch, dispatch, monitor, send audio to recorder, listen in web browser, alert, and more
- Optional AES-256 and/or ChaCha20 encryption on JPS RoIP, JPS Bridge, MCC, and system audio
- Gateways support most standard push-to-talk applications such as ESChat, Motorola WAVE, and Zello



ACU-Z1

Enjoy the versatility of the modular design, with the benefits of built-in automatic management options that enable simplified setup and operation.



Z-SERIES CONTROLLER

Harness managed RSP-Z2s through JPS Unity to create expandable, robust interoperability systems capable of fully distributed or hub-and-spoke audio routing.



RSP-Z2

Count on the unique features and adaptability of a smaller JPS gateway that stands alone or integrates easily with the Z-Series Controller in a JPS Unity system.

PRODUCT COMPARISON	Z-SERIES PRODUCTS			LEGACY PRODUCTS		
FEATURES	ACU- Z1	CONTROLLER	RSP-Z2	NXU-2B	ACU-5000	ACU-2000
Max. # Total Resources (includes Radio resources)	48	80*	4	2	12	12
Max. # of Radio Resources	12	*	2	1	12	12
USB Headset Port	✓	✓	✓			
Network Topology Detection	✓	✓	✓			
Unity (as Manager)		✓				
Unity (as Distributed System)	F	F	✓			
DNS Support	✓	✓	✓		✓	
Browser Control	✓	✓	✓		✓	
Integrated Multi-User Operation	✓	✓	✓		✓	
Enhanced Trunked Radio Algorithms	✓	*	✓			
Resource Profiles/Templates	✓	✓	✓		✓	✓
RoIP	✓	✓	✓	✓	✓	✓
RoIP+®	✓	✓	✓			
SIP	✓	✓	✓		✓	
PSTN	✓				✓	✓
Encryption	✓	✓	✓			
Digital PoC Integration	✓	*	✓			
PoC Gateway Connectivity	✓	✓	✓	✓	✓	✓
JPS MCC Console Integration	✓	✓	✓			
Multi-User Dispatch	✓	✓				
IP Recorder Resources	✓	✓	✓			
Resource Monitoring	✓	✓	✓		✓	✓
Audio in Web Browser	✓	✓	✓			
Selectable Backup and Restore	✓	✓	✓			
HTTPS	✓	✓	✓			
Future Enhancements	✓	✓	✓			

F - Future Enhancement

* - Unity-managed RSP-Z2 systems (including radio resources) integrate without consuming Z-Series Controller resources

