# Z-SERIES FAMILY OF PRODUCTS

JPS

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 capable of meeting any operation need and is significantly more cost effective than any traditional approach.

QUICK FACTS

- 100% protocol agnostic LMR interfaces using proven and reliable JPS technology
- Unique architecture allows systems to be both centralized for standalone operation, as well as deployed in wide-area scenarios
- Self-sufficient systems, not reliant on servers or computers to maintain interoperability or distribution
- Audio patching, embedded dispatching, monitoring, and IP recording functionality
- Zero recurring costs
- Optional AES-256 and HC-128 encryption on JPS backhaul resources
- Compatible with existing and legacy JPS ACU gateways
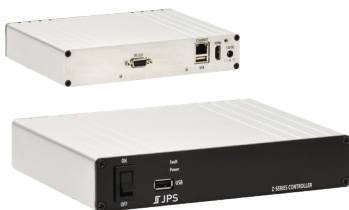
Z-SERIES CONTROLLER

Create expandable, robust wide area interoperability systems capable of fully distributed or hub-and-spoke audio routing. The intuitive browser-based GUI facilitates patching or monitoring audio - even sending it to a recorder - and convenient, multi-user dispatch.

ACU-Z1

Modular and compact, the IP-centric ACU-Z1 can interface just about every type of voice communications system. Advanced features such as encryption and Push-to-Talk service integration provide modern solutions.
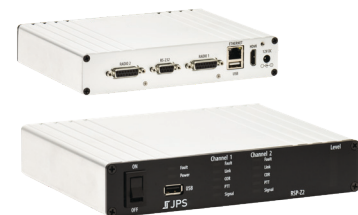
RSP-Z2

Unique features like enhanced trunked radio interfacing and tight integration with the Z-Series Controller highlight the versatility of this JPS gateway. Patch up to two local radios with IP-based device types like SIP, Push-to-Talk services, and other JPS products.

JPS

PRODUCT COMPARISON	Z-SERIES PRODUCTS			LEGACY PRODUCTS		
FEATURES	CONTROLLER	ACU- Z1	RSP-Z2	ACU-5000	ACU-2000	ACU-1000
Max. # Total Resources (includes Radio resources)	80*	36	4	12	12	12
Max. # of Radio Resources	*	12	2	12	12	12
USB Headset Port	✓	✓	✓			
Network Topology Detection	✓	F	✓			
Distributed Wide Area Manager	✓					
Remote System for Wide Area	F	F	✓			
DNS Support	✓	✓	✓	✓		
Browser Control	✓	✓	✓	✓		
Integrated Multi-User Operation	✓	✓	✓	✓		
Enhanced Trunked Radio Algorithms	*	F	✓			
Resource Profiles/Templates	✓	✓	✓	✓	✓	✓
RoIP	✓	✓	✓	✓	✓	✓
RoIP Encryption	✓	✓	✓			
SIP	F	✓	✓	✓	✓	
PSTN		✓	F	✓	✓	✓
RTP	F	✓	✓			
Digital PoC Integration	F	✓	✓			
PoC Gateway Connectivity	✓	✓	✓	✓	✓	✓
MCC Console Integration	✓	✓	✓			
Embedded Dispatching	✓	✓				
IP Recorder Resources	✓	✓	✓			
Resource Monitoring	✓	✓	✓	✓	✓	✓
Selectable Backup and Restore	✓	F	✓			
HTTPS	F	F	F			
Future Enhancements	✓	✓	✓			

F - Future Enhancements

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