

# HORIZON

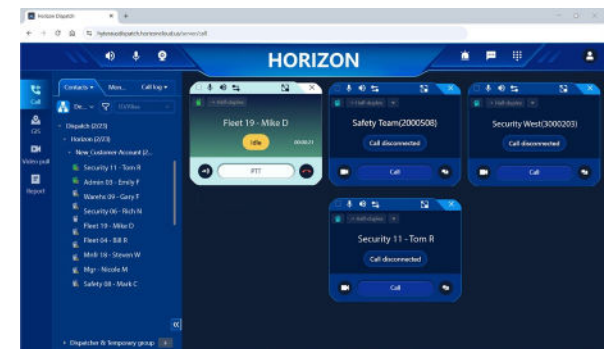
## PoC Device Comparison Guide

[Hytera Push-to-Talk over Cellular \(PoC\) devices](#) are purpose built for professional business communications. These compact and easy-to-use devices enable instant group calling over nationwide 4G/5G/LTE cellular networks and Wi-Fi networks. The devices switch over to the LTE network automatically when out of Wi-Fi range.

Hytera PoC devices are ruggedized to support harsh work environments and feature digital noise suppression and high-volume speakers for excellent voice quality in loud areas. Deployments are quick, low-cost, and require no traditional radio system infrastructure or frequency licenses.

Hytera PoC devices can be deployed as a Radios-as-a-Service subscription on the [HORIZON Nationwide PoC Platform](#). Hytera PoC devices are also supported on the [HORIZON Dispatch](#) web-based communication and location tracking dispatch application. HORIZON Dispatch features instant group calling and real-time GPS fleet tracking.

Hytera PoC devices can be integrated with existing radio systems using [Hytera Bridge](#), which provides a simple, reliable, and cost-effective Radio over IP (RoIP) gateway between Hytera PoC radios and a variety of DMR and analog radio systems.



# HORIZON

Hytera PoC Devices Support Nationwide Instant Group Calling, Dispatching, and Location Tracking.

The Variety of PoC Devices Provide the Right Radio for your Specific Needs



**PNC360S Compact PoC Radio**

The [PNC360](#) is a cost-effective, rugged, and easy-to-operate PoC device. This ultra-compact device provides one-handed operation and can be carried on a lanyard.



**PNC380S PoC Radio**

The [PNC380S](#) is a rugged, full-featured, and easy-to-operate PoC device that is AT&T and T-Mobile Network Ready, PTCRB certified, and features an optional dash-mount car kit.



**PNC560 and PNC560S PoC Mobile Computers**

The [PNC560](#) is a compact, rugged, and easy-to-operate PoC smart handheld device that runs Android mobile business apps and features a built-in scanner. The PNC560S is a lower cost device without a scanner.



**MNC360 POC Mobile Radio**

The [MNC360](#) is a compact and easy-to-operate Push-to-Talk over Cellular (PoC) Mobile Radio that provides safe and reliable in-vehicle fleet communications with great audio quality.

# PoC Devices Functional Comparison Guide



**PNC360S  
PoC Radio**



**PNC380S  
PoC Radio**



**PNC560 and PNC560S  
PoC Mobile Computer**



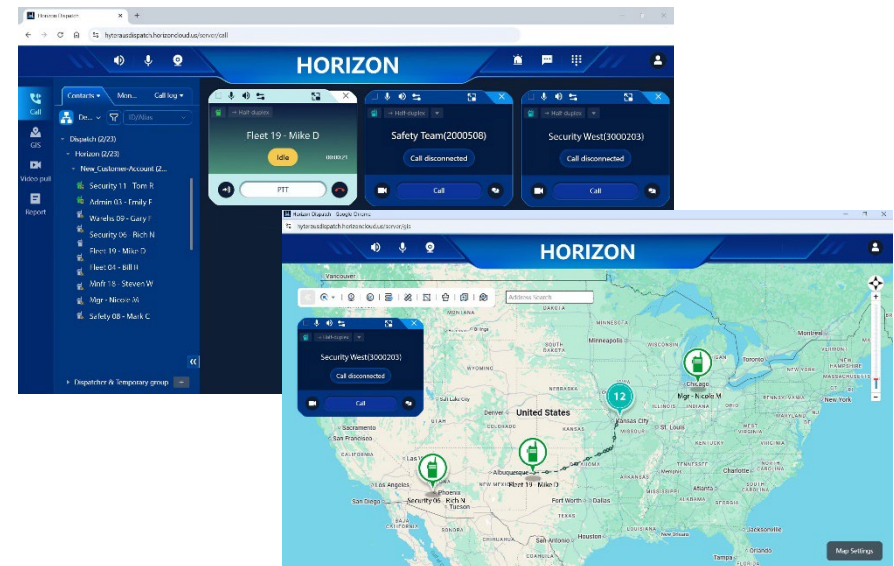
**MNC360  
PoC Mobile Radio**

Purpose Built for PoC	X	X	X	X
Ruggedized	X	X	X	X
Noise Suppression	X	X	X	X
Instant Group Calling	X	X	X	X
Text Messaging	X	X	X	X
Camera		X	X	
Use in Vehicles		X (with Car Kit)		X

## HORIZON Dispatch

HORIZON Dispatch is a powerful web-based dispatch application for Hytera PoC devices

- Provides instant group voice calling, private individual calling, and enables dispatchers to quickly build dynamic call groups
- Enables tracking of driver locations and travel routes with time stamps
- Draw geofence boundaries and receive alarms when workers enter or leave geofence areas
- Users can communicate with each other and dispatch with free-form or predefined text messages
- Share videos and images with other PoC devices
- Comprehensive call recording, logging, and playback



# PoC Devices Technical Comparison Guide

	<b>PNC360 PoC Radio</b>	<b>PNC380S PoC Radio</b>	<b>PNC560 and PNC560S PoC Mobile Computer</b>	<b>MNC360 PoC Mobile Radio</b>
<b>Standards</b>	FDD-LTE, TDD-LTE, WCDMA, GSM, Wi-Fi 2.4GHz, 802.11 b/g/n	FDD-LTE, WCDMA, GSM, Wi-Fi 2.4GHz, 802.11 b/g	5G, FDD-LTE, TDD-LTE, WCDMA, GSM, Wi-Fi 2.4GHz/5GHz, 802.11 b/g/n/ac	FDD-LTE, TDD-LTE, WCDMA, GSM, Wi-Fi 2.4GHz, 802.11 b/g/n
<b>Bluetooth</b>	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 5.0	Bluetooth 4.2
<b>GPS</b>	GPS/A-GPS/Galileo	GPS/A-GPS	GPS/A-GPS/Galileo/BDS	GPS/A-GPS/BDS
<b>Audio</b>	Digital Noise suppression, high-volume speaker, 2W Rated Audio Power Output (Max 3W)	Digital Noise suppression, high-volume speaker, 1W Rated Audio Power Output (Max 2W)	AI-based noise cancellation, high-volume speaker, 3W Max Audio Power Output	Digital Noise suppression, high-volume speaker, 4W Rated Audio Power Output (Max 8W)
<b>Keypad</b>	Partial Keypad	Full Keypad	Touch Display	4 Programmable Buttons
<b>Display</b>	1 3/4" 160 x 128 TFT LCD Non-touch screen display	2.0" 320 x 240 TFT Non-touch	6.3" Gorilla Glass, FHD+, Responsive glove/wet-hand operation	2.0" 320 x 240 LCD Non-touch
<b>Camera</b>	None	8 MP Rear Facing	8 MP Front Facing, 8 MP Telephoto Rear Facing, 48 MP Rear Facing (algorithm)	None
<b>Rugged Compliance</b>	MIL-STD-810 H, IP67, ESD IEC 61000-4-2, -4° to +140° F Operating Temp.	MIL-STD-810 G, IP67, ESD IEC 61000-4-2, -4° to +140° F Operating Temp.	MIL-STD-810 G, IP68, ESD IEC 61000-4-2, -4° to +140° F Operating Temp.	MIL-STD-810 G, IP54, ESD IEC 61000-4-2, -4° to +140° F Operating Temp.
<b>Texting</b>	Receive text messages and send programmed messages	Receive and send text messages	Receive and send text messages	Receive text messages and send programmed messages or recorded voice messages
<b>Safety</b>	Emergency (programmable) button, Dispatcher Stun and Revive	Emergency button, Dispatcher Stun and Revive, Flashlight	Emergency button, Dispatcher Stun and Revive, Flashlight	Emergency button, Dispatcher Stun and Revive
<b>Battery</b>	4000mAh Li-ion Polymer, ≥45 hours, Removable	4000mAh Li-ion Polymer, ≥24 hours, Removable	5040mAh Li-Ion Polymer, ≥24 hours, Removable	N/A
<b>SIM</b>	Nano-SIM (8.8mm x 12.3mm)	Nano-SIM (8.8mm x 12.3mm)	2x Nano-SIM or 1x Nano SIM and 1x Micro SD (128Gb)	2x Micro-SIM, 1x Micro TF
<b>Ports</b>	USB Type C Charging port, 3.5mm Audio	Micro USB 2.0, 3.5mm Audio, Dock Charger interface, Car Kit interface	USB Type-C Charging Interface, QC3.0 Fast Charging Technology, 3.5mm Audio	Micro USB 2.0, 3.5mm Audio, 2-pin Speaker, 10-pin Aviation, 2x LTE Antenna, 1x GPS Antenna
<b>Memory</b>	1GB RAM, 8GB ROM	1GB RAM, 8GB ROM, Micro SD/TF card, Expandable to 32GB	4GB RAM, 32GB ROM, 128GB Micro SD card	1GB RAM, 8GB ROM, 128GB TF card
<b>Scanner</b>	None	None	The PNC560 has an integrated infrared 2D/3D Barcode and QR code scanner	None

## HORIZON Platform Details

<b>Description</b>	HORIZON is a subscription-based PoC radio service that provides nationwide communications using cellular LTE and Wi-Fi networks. It supports individual and group calling and the web-based HORIZON Dispatch application.
<b>Pricing Model</b>	HORIZON is a low-cost 1-year or 2-year subscription service plan that may include the monthly LTE SIM card charge. Customer purchases the PoC devices for use in the subscription plan.
<b>Reliability</b>	HORIZON state-of-the-art cloud servers provide industry-leading reliability and system availability with geographically diverse fail over redundancy
<b>Scalability</b>	HORIZON supports unlimited users. Ideal for growing organizations that need flexible scalability and dispatching. HORIZON also supports cross-enterprise group calls to any other company with HORIZON PoC service to enable efficient collaboration with partner organizations.
<b>Coverage</b>	Nationwide PoC Cellular and Wi-Fi coverage
<b>Required Infrastructure</b>	None required
<b>Radio Types</b>	Supports all Hytera PoC devices



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**KELRAD**