

HORIZON

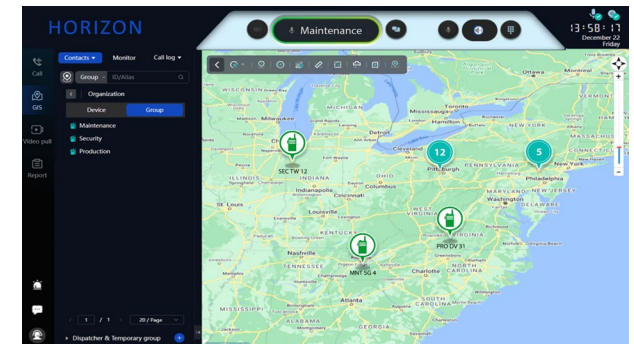
PoC Comparison Guide

[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 voice and video 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 nationwide group voice and video 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 Wide 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.



PNC550
PoC Mobile Computer

The [PNC550](#) is a compact, rugged, and easy-to-operate PoC smart handheld device that runs Android mobile business apps.



PNC560
PoC Mobile Computer

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.



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**



**PNC550 PoC
Mobile Computer**



**PNC560 (Scanner)
PoC Mobile Computer**



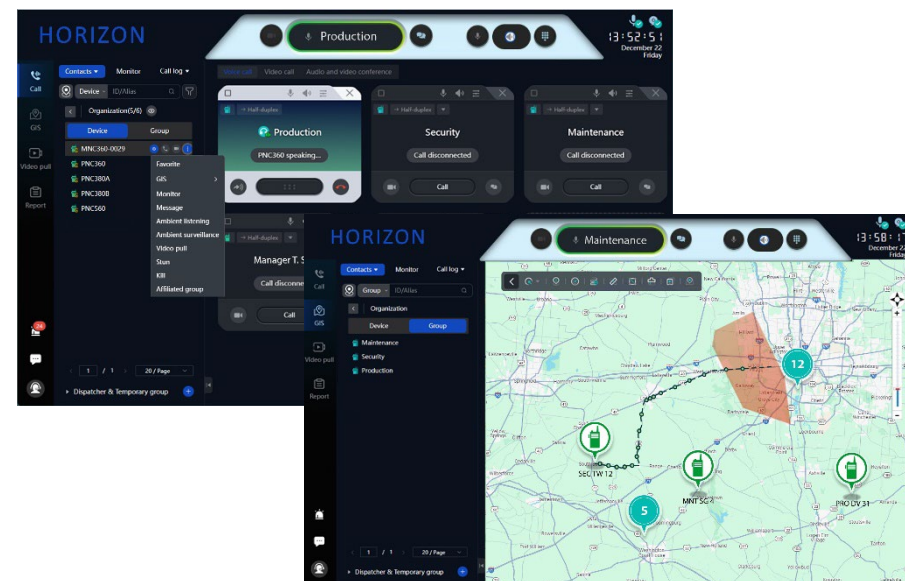
**MNC360
PoC Mobile Radio**

Purpose Built for PoC	X	X	X	X	X
Ruggedized	X	X	X	X	X
Noise Suppression	X	X	X	X	X
Instant Group Calling	X	X	X	X	X
Text Messaging	X	X	X	X	
Camera / Video Calling		X	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
- View and share user-initiated video calls with Hytera PoC devices that feature built-in cameras
- Comprehensive call recording, logging, and playback



PoC Devices Technical Comparison Guide

	PNC360 PoC Radio	PNC380S PoC Radio	PNC550 PoC Mobile Computer	PNC560 (Scanner) PoC Mobile Computer	MNC360 PoC Mobile Radio
Standards	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/n	FDD-LTE, TDD-LTE, WCDMA, GSM, Wi-Fi 2.4GHz, 802.11 b/g/n	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
Bluetooth	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.1	Bluetooth 5.0	Bluetooth 4.2
GPS	GPS/A-GPS/Galileo	GPS/A-GPS	GPS	GPS/A-GPS/Galileo/BDS	GPS/A-GPS/BDS
Audio	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)	Dual Mics, Digital Noise suppression, high-volume speaker, 2W Max Audio Power Output	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)
Keypad	Partial Keypad	Full Keypad	Touch Display	Touch Display	4 Programmable Buttons
Display	1 3/4" 160 x 128 TFT LCD Non-touch screen display	2.0" 320 x 240 TFT Non-touch	5" Gorilla Glass 1280 x 720 WVGA, Responsive glove/wet-hand operation	6.3" Gorilla Glass, FHD+, Responsive glove/wet-hand operation	2.0" 320 x 240 LCD Non-touch
Camera	None	8 MP Rear Facing	13 MP Front Facing, 8 MP Rear Facing	8 MP Front Facing, 8 MP Telephoto Rear Facing, 48 MP Rear Facing (via algorithm)	None
Rugged Compliance	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, 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.
Texting	Receive text messages and send programmed messages	Receive and send text messages	Receive and send text messages	Receive and send text messages	Receive text messages and send programmed messages
Safety	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, Flashlight	Emergency button, Dispatcher Stun and Revive
Battery	4000mAh Li-ion Polymer, ≥45 hours, Removable	4000mAh Li-ion Polymer, ≥24 hours, Removable	4000 mAh Li-Ion Polymer, ≥24 hours, Removable	5040mAh Li-Ion Polymer, ≥24 hours, Removable	N/A
SIM	Nano-SIM (8.8mm x 12.3mm)	Nano-SIM (8.8mm x 12.3mm)	2x Nano-SIM, 1x Micro SD	2x Nano-SIM or 1x Nano SIM and 1x Micro SD (128Gb)	2x Micro-SIM, 1x Micro TF
Ports	USB Type C Charging port, 3.5mm Audio	Micro USB 2.0, 3.5mm Audio, Dock Charger interface, Car Kit interface	USB 2.0 Type-C Charging Interface, 3.5mm Audio	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
Memory	1GB RAM, 8GB ROM	1GB RAM, 8GB ROM, Micro SD/TF card, Expandable to 32GB	3GB RAM, 32GB ROM, Expandable up to 64GB	4GB RAM, 32GB ROM, Expandable up to 128GB, Micro SD card	1GB RAM, 8GB ROM, Expandable to 128GB
Scanner	None	None	Camera-based barcode scanning w/3 rd party app	Integrated infrared 2D/3D Barcode and QR code scanner	None

HORIZON Platform Details

Description	HORIZON is a subscription-based PoC radio service that provides nationwide communications using cellular LTE and Wi-Fi networks. It supports voice and video calling and the web-based HORIZON Dispatch application.
Pricing Model	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.
Reliability	HORIZON state-of-the-art cloud servers provide industry-leading reliability and system availability with geographically diverse fail over redundancy
Scalability	HORIZON supports unlimited users. Ideal for growing organizations that need flexible scalability and dispatching.
Coverage	Nationwide PoC Cellular and Wi-Fi coverage
Required Infrastructure	None required
Radio Types	Supports all Hytera HALO PoC devices
Deployment Support	None required. Radios are fully configured prior to delivery.

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