

Hytera

Nationwide HALO



Hytera HALO Nationwide

Hytera HALO Nationwide provides instant individual and group voice or video calls and is the most advanced National Push-to-Talk Over Cellular (PoC) radio network.

Hytera HALO Nationwide utilizes the 3G/4G/LTE cellular infrastructure of Mobile Network Operators.

LTE cellular networks enable unlimited coverage range and bandwidth for data and video. Radio users are untethered by the range of repeaters and base stations used in traditional radio networks.

Hytera HALO Nationwide supports rugged and feature-rich Hytera PoC Radios and Video Bodycams, along with smart phones with the HALO Android app installed, providing Bring-Your-Own-Device flexibility.

Wide-Area Push-to-Talk over Cellular (PoC) Group Communications Solution

[Communicate](#). [Coordinate](#). [Facilitate](#).

Communicate instantly with nationwide groups of remote workers using rugged radios and bodycams.

Coordinate worker locations and jobs with GPS route tracking and geofencing.

Facilitate cost reductions by sharing images and video with remote workers to quickly solve problems.

Hytera HALO PoC radios and video bodycams connect to the LTE cellular network infrastructure of Mobile Network Operators using a SIM card. PoC network services are hosted in the Cloud on servers operated by the Hytera HALO PoC platform. This provides a highly reliable network that requires no maintenance, and eliminates operational expenses.



Hytera PoC radios and bodycams also support Wi-Fi connectivity. The Wi-Fi capability enables calls inside buildings with Wi-Fi network connectivity, or outdoors in areas with Wi-Fi network hotspots. PoC radios automatically and seamlessly switch to an LTE network when a caller moves outside Wi-Fi network range.



KEY FEATURES



NATIONWIDE COVERAGE

- PoC leverages 3G/4G/LTE and Wi-Fi networks to provide secure and instant nationwide radio communications



NO INFRASTRUCTURE REQUIRED

- No need to purchase, operate, and maintain radio network infrastructure
- No expenses related to owning radio infrastructure or frequency licenses



RAPID DEPLOYMENTS

- Since the radio network infrastructure already exists, PoC systems can be deployed very quickly
- PoC radios can work out-of-the-box with SIM cards pre-installed, and system configuration can be easily done through a web-based management application



UNLIMITED CHANNELS AND BANDWIDTH

- The Hytera HALO PoC platform allows any number of virtual channels and as many call groups as required
- LTE networks also support bandwidth-hungry applications like real-time video streaming



GROUP AND INDIVIDUAL CALLING

- Instant one-to-one (individual) calls, or one-to-many (group) calls to different groups of people
- Quickly build dynamic call groups with a simple list selection or geographically by selecting an area on the dispatch map



TEXT MESSAGING

- Users can communicate with each other and dispatch with free-form or pre-programmed text messages



REAL-TIME VIDEO

- Stream video from Hytera VM780 Bodycams, PNC550 PoC Smartphones and cell phones running the HALO Android app
- Share videos between remote users



GPS LOCATION TRACKING

- PoC devices with integrated GPS enable location tracking with the Hytera HALO Dispatch application
- Enables tracking of driver locations and travel routes with time stamps
- Draw geofence boundaries for individuals or groups of remote users, and receive alarms when workers enter or leave geofence areas



SAFETY FEATURES

- Supports sending and receiving Emergency Alarms for enhanced worker safety
- Dispatcher can perform Lone Worker monitoring
- Dispatcher can remotely monitor audio and video during emergency situations



CALL LOGS AND RECORDING

- Features full call recording, logging, and playback



REMOTE STUN AND REVIVE

- Dispatch can stun (disable) and revive (turn on) remote radios that are lost or stolen, or used maliciously

PNC370 and PNC380S PoC Radios

The PNC370 and PNC380S are compact, rugged, and easy-to-use handheld PoC radios that support group voice calls and data transmission over nationwide LTE cellular networks.

- Advanced noise suppression for clear audio in loud environments
- Built in Wi-Fi, GPS, and Bluetooth
- Rugged MIL-STD and IP rated to withstand impact, dirt, dust, and moisture
- Impressive battery capacity delivers up to 18 hours of working time
- The PNC380S adds a full keyboard, video calling, a car dash-mount kit, 24 hour battery life, and is AT&T network approved



VM780 Bodycam and PoC Radio

The VM780 Body Worn Camera integrates a bodycam with PoC voice communications to capture, store, and share video, audio, and image evidence in the field. The VM780 features video transfer, evidence collection, and dispatching software applications.

- All-in-one design reduces equipment costs and simplifies communications
- Supports individual and group calls between dispatch and other POC devices
- Real-Time HD 1080P video recording with AES256 advanced encryption
- Stream video over 4G/LTE or Wi-Fi networks for nationwide monitoring of events



PNC550 PoC Smartphone

The Hytera PNC550 combines the advantages of a smartphone with the ruggedness, enhanced audio quality, and instant Push-to-Talk over Cellular group communications of a professional PoC device.

- Supports both Push-to-Talk over Cellular (PoC) and phone calls
- Rugged and purpose built for professional communications
- Seamless switching between LTE and Wi-Fi
- Runs Hytera HALO Dispatch and Android apps
- Features instant voice and video Group Calling



Hytera HALO App for Android Phones

Hytera HALO OnSite is also available as an App for Android phones and tablets.

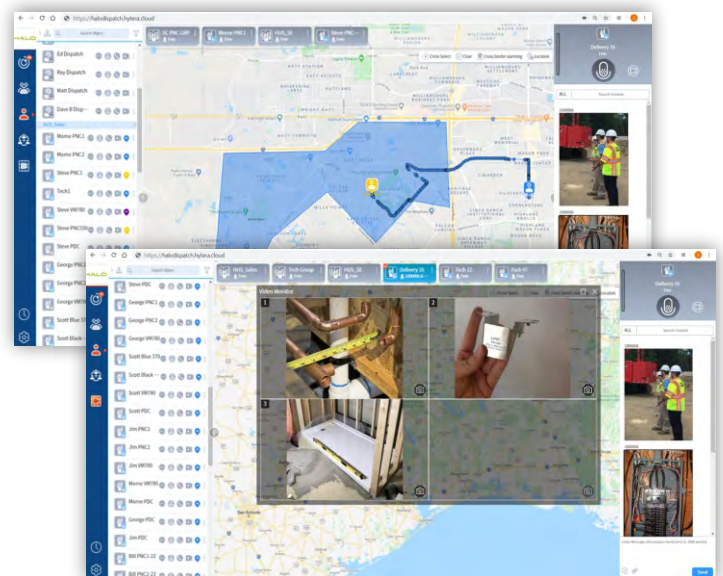
- Enables the calling and texting capabilities of Hytera PoC devices
- Supports streaming and sharing video
- Runs the Hytera Dispatch web-based application with GPS location tracking



Hytera HALO Dispatch

Hytera HALO Dispatch is a powerful web-based communication and dispatch application, and is the user interface for efficient PoC communications.

- Provides instant nationwide group calling, and enables dispatchers to quickly build dynamic call groups
- View and share real-time video with Hytera PoC devices
- Draw geofence boundaries for individuals or groups of remote users, and receive alarms when workers enter or leave geofence areas
- Users can communicate with each other and dispatch with free-form or pre-programmed text messages
- Features full call recording, logging, and playback





Organizations that use PoC services are looking for wide-area group communications with high bandwidth for voice and video applications, and at a low startup cost.

PoC is particularly useful for businesses needing to communicate across widely dispersed sites or with mobile work forces, such as service companies with vehicle fleets and logistics firms. These are companies with service fleets and multiple locations that don't want to invest capital in the infrastructure required for wide-area radio networks.

Target Applications

- Security Companies
- Property Management
- Plumbers and Electricians
- Construction and Building Materials
- Landscaping and Tree Trimming
- Exterminators
- Cleaning and Maintenance
- Auto Parts and Tools
- Event Production and Catering
- TV and Film Production
- Tow Truck Companies
- Industrial Supply and Uniform
- Food Services
- Waste Collection
- Technology Services



Hytera North America

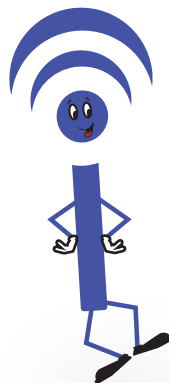
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