Hytera

2G

4G

3G

Redefine communication boundaries with Hytera HyTalk

Hytera HyTalk push-to-talk (PTT) hosted service gives you coverage that is out of this world
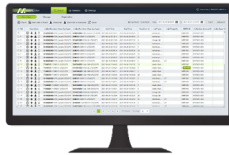
Hytera HyTalk

Hytera HyTalk is Hytera's Broadband Push-to-Talk / PoC (Push-to-Talk over Cellular) platform developed using our extensive experience in creating professional telecommunications platforms for over 25 years.

Hytera HyTalk enables all of the features typically found in a professional-grade narrowband trunked radio system over broadband wide area networks. It takes advantage of the higher bandwidth with features not previously possible with traditional radio systems, such as real time HD video streaming.
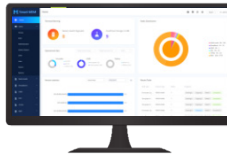
HyTalk Solution & Device Management Overview

| PoC Command & Dispatch System	Recording & Playback System	Mobile Device Management	System Management & Operation

HyTalk: Commercial PTT PoC

HyTalk MC: 3GPP MCS

Hytera HyTalk Hosted Communications Solution

Provides wide-area radio coverage over Mobile Networks

Cloud Based Hytera HyTalk Server

Web Based Dispatch

Radios and BYOD

Online Subscriber Management
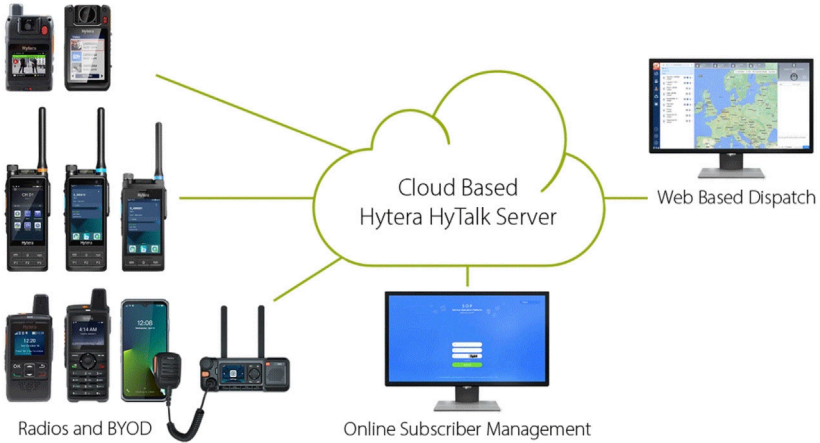
Discover the Benefits of the Cloud Based Hytera HyTalk Server

| Collaboration across geographic regions	Instant Group Communications	Emergency Alert	Visible remote assistance
Provide nationwide service through LTE, 3G and Wi-Fi	One-to-many push-to-talk; Multimedia messaging	Instant alert and priority emergency call	Video streaming and hands-free communications

Centralized management, Logging and tracking	Easy operation and flexible configuration	Privacy and security	Budget friendly
Web based dispatch console for fleet management; Recording system for history track	User-friendly user interface for smart phone users; Instant over-the-air update on group and user config	Organization based VPN setting keeps your communications private	Pay on demand; Scalable installation

Voice Communications

• Group and Private Calls

• Full-duplex Private Call

• Emergency Call

• Caller Alias and PTT ID Display

• Background Group Scanning

• In-group Priority and Preemption

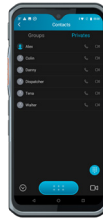• Call Logs and Replay

Receiving Group Call
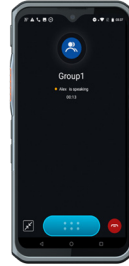
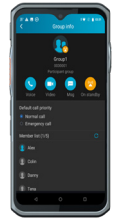*Initiate Emergency Private Call*

Directory and Presence

• Real-time Presence

• Directory

• Query Group Member

• Dial to Call

• Dynamic Group Update

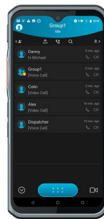• Over-the-air App Update

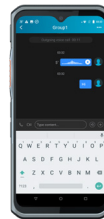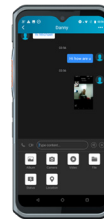*Private Contact*

Group Contact

Instant Messaging

• Group and Private Messaging

• Text Message

• Audio Message

• Share Picture & Video

• Share Files

• Share Location

• Store and Forward

Main interface for showing all recent contact with the latest message

Text to a group/private
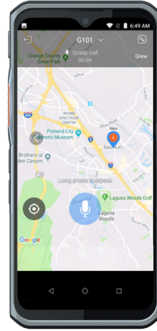
Share multimedia messages, files and locations

Messaging logs

Positioning

- Real-time Location Update
- Call in Map

Location Update
See the position of your workforce

Stream Video

- Group Video Call
- Private Video Call
- Emergency Video Call
- Confirmed and Unconfirmed Video Streaming
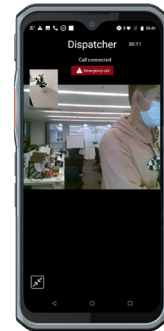
Streaming Video
Individual Video Call, Group Video Call, Video Pull

Web-Based Dispatch

- Presence Indication
- Private, Group and Favourite Contacts
- Private and Group Callings
- Group Broadcast Call
- Dispatcher-to-dispatcher Call
- Channel Monitor
- Handling Emergency Alert
- Texting and Multimedia Messaging
- Dynamic Group Setup

- Mapping and Real-time Location
- Geofencing
- Call in Map
- History Location Track
- Call Logging and Audits
- Confirmed and Unconfirmed Video Pull
- Group and Private Video Calls
- Forward Video

Centralized Management

• Partner Portal for Subscription Management

• Add New Groups and Users

• Instant Group Config Management

• Instant User Config Management

• User Activation/Deactivation

• Statistics
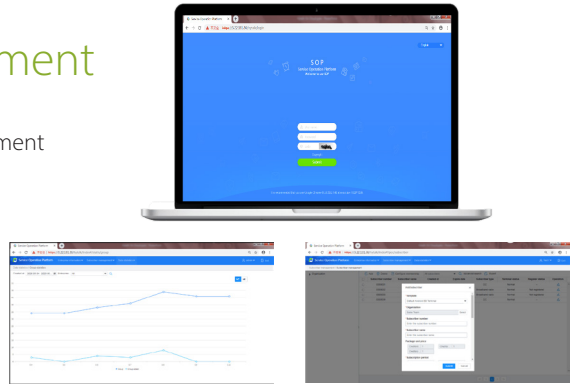
Recordings

• Global System Recording

• Web Based Console

• Replay and Download Call History

• Support Multimedia Message and Video Recording

Why Hytera HyTalk?
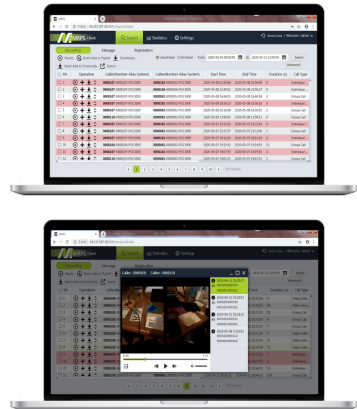
1. Fully Hosted for zero hassle and no IT overhead, or On Premise for total control over your infrastructure – you decide.

Hytera HyTalk is available as a hosted service, so your devices will work right out of the box, leaving you to focus on your business and not on IT infrastructure. For larger organisations with in-house IT capabilities, the entire Hytera HyTalk software suite can be hosted on the premises for the ultimate level of control over your infrastructure.

2. Get closer to the action with video-based communications

Hytera HyTalk not only provides high quality voice communications with your team, but lets you see them too! One to one video calls, as well as industry leading Push to Video (PTV) group calling adds an extra dimension to your conversations.

3. Always connected, Anywhere in the world

Hytera HyTalk uses the Microsoft Azure cloud to bring you Hytera HyTalk as a completely hosted solution, which will scale as much as you need it to, removing the bottlenecks experienced with traditional communications systems.

4. Capture the truth & effectively communicate – all from one device!

The VM780 body worn camera with Hytera HyTalk is the ultimate package for keeping your team safe and connected. Communicate in real time with the press of a button whilst simultaneously recording events for evidence gathering.

For professionals by professionals
– with boundless possibilities!

Hytera HyTalk is designed for the professional communication demands of a variety of vertical industries. It is the perfect choice for professionals who want to communicate without coverage or capacity constraints.

PoC Radio
◆ Logistics and transportation
◆ Leisure and catering

PoC Radio
◆ Urban management
◆ Hotel and restaurant

Smart PoC Radio
◆ Intelligent park
◆ Property management
◆ Logistics and warehousing

4G body worn camera
◆ Law-enforcement

Smart PoC Radio
◆ Transportation
◆ Supermarket

Multimode Smart Radio
◆ Meet emergencies
◆ Law-enforcement

Hytera HyTalk can help overcome Operational challenges

Improve Organisational Efficiency

Reliable communications significantly drives the growth of organisational efficiency. Using equipment such as phones may cause staff to always fall a step behind the situation because of no central platform for group information sharing and history logs reviewing.

Enhance Collaboration

Cross regional collaboration requires communication with wide area coverage that can adapt to multiple types of devices. Staying connected anywhere and anytime is critical. With HyTalk you are able to leverage messaging, audio and video communications.

Presence and Location Awareness

Not knowing the GPS location can waste valuable response time on getting to a team member or someone who is in danger or needs immediate attention. Displaying real-time on-duty status and tracking real-time location matters in organisation management.

Workforce Safety

In complex circumstances, employee safety comes first. They need to be protected and alerted. The sooner an emergency is triggered and found, the quicker the organisation can react.

Shorten Training Cycle

Many tools require a specific training for users to correctly use them. It takes a lot of time to get employee on their job due to necessary training. A user-friendly tool is much welcome in any place for anyone and it lowers the operation cost for enterprises.

Centralized Management

Enterprise is always asking for centralized management. It gets things in order and in control. Given the resources are distributed in different facilities, a centric database, management platform and a solution of remote checking and updating are essential.

Industry Scenarios

Hytera HyTalk provides industry solutions that mitigate the potential communication challenges of its users in a variety of different critical and operational scenarios, enabling and them to successfully meet their demands in real-time.
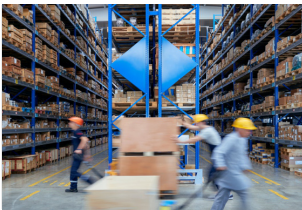

Hotel and Hospitality

Catering

Delivery

Logistics

Transportation

Security

Property management

City management

Healthcare

Manufacturing

Wholesale

Events

Featured Products

The Hytera HyTalk service is available on any kind of mobile devices provided by Hytera including PNC, PDC and BWC series terminals with the Hytera HyTalk application client and 3G/4G/WLAN network access.

This hosted solution provides a rich Smart PoC radio type where users can benefit from instant voice call, unified dispatch, and multimedia data communication services.

PDC680 | PTC680
Dual-mode Rugged Radio

- 2G/3G/4G/WLAN
- 140 x 60 x 29.1mm
- 325g (including standard battery)
- 3.6" HD touchscreen
- IP68, MIL-STD-81 0G
- 2m drop resistance
- 13MP rear camera

- Dual SIM
- Smart MDM
- GPS/BDS/GLONASS/Galileo/QZSS
- TETRA or DMR

PTC760
Multi-mode Advanced Radio

- 2G/3G/4G/WLAN/DMO/TETRA
- 139.5 x 68 x 26mm
- 378g
- Speaker: 2W
- 13MP Front Camera / 13MP Rear Camera
- Multi-Mic Noise reduction
- IP67 | MIL-STD 810G

- NFC
- Dual-Sim
- Android 10 (GMS)
- BT4.2 BDR+EDR+BLE
- GPS/BDS/GLONASS/Galileo/QZSS/A-GPS
- 4.0" Main Screen | 1.0" Top Screen

PDC550
Smart PoC Radio

- 2G/3G/4G/WLAN/DMO/RMO
- 155 x 75 x 21.5mm
- 375g (including standard battery, antenna and belt clip)
- Speaker: 1W (rated), 2.5W (Max.)
- 5MP front camera, 13MP rear camera
- Dual-mic noise reduction

- IP68, MIL-STD-810G
- Working temperature: -20° to 60°C
- 5.0" touchscreen, 1280*720
- BT4.1
- Drop resistance: 2m
- GPS/BDS/GLONASS/AGPS

PNC460

XSecure Rugged Device

- 2G/3G/4G/WLAN
- 164x75x14mm
- 275g (including standard battery)
- Speaker: 2W (rated), 3W(Max.)
- Camera: 8MP(front), 50MP(rear)
- Dual-mic noise reduction
- Anti-shake video recording

- IP68
- Working temperature: -20℃ to 60℃
- 5.0" touchscreen, 1920x1080
- BTS.0
- 1.5 m drop resistance
- GPS/BDS/GLONASS/ AGPS/Galileo

PNC560

XSecure Rugged Device

- Network : 2G/3G/4G/SG/WLAN
- Dimensions : 166.6 x 77.1 x 13mm
- 270g (including standard battery)
- Speaker: 2W (rated), 3W (Max.)
- Camera: 8MP{front},
  48MP + 8MP{rear)
- Dual-mic noise reduction

- Anti-shake video recording
- IP68, MIL-STD-810 G
- Working temperature: -20℃ to 60℃
- 6.3'touchscreen, 2340x1080
- BT5.0
- 1.5 m drop resistance
- GPS/BDS/GLONASS/ AGPS/Galileo

PNC360S

PoC Radio

- 2G/3G/4G/WLAN
- 104 x 54.6 x 26.5mm
- 190g (including standard battery)
- Working time:>24hours(5-5-90)
  (4000mAh)
- Speaker: 2W (rated)
- IP67/MIL-STD-810H

- Working temperature:
  -20℃ to 60℃
- Keypad
- 1.77" color display, 160x128
- BT4.1
- 1.2m drop resistance
- GPS/BDS/GLONASS/AGPS

PNC380
PoC Radio

- Network: 2G/3G/4G/Wi-Fi
- Dimensions: 145.1 x 60 x 26.1mm
- 208g (including standard battery)
- Working time: >24 hours (5-5-90) (4000mAh)
- Speaker: 5W (rated)
- 8MP rear camera, for PNC380 Pro only

- IP67, MIL-STD-810G
- Working temperature: -20°c to 60°
- Keypad, 2.0 color display, 320x340
- BT4.1
- 1.2m drop resistance
- GPS/BDS/GLONASS/AGPS

MNC360
PoC Mobile Radio

- 2G/3G/4G/WLAN
- 170mm x 66mm x 39.3mm
- 300g
- 2.0" Display
- Dual Sim & Dual LTE Antenna
- BT 4.2
- NFC (Optional)

- Input Voltage 9-25 V DC
- 4W Built-in Speaker
- IP54
- GPS/BDS/GLONASS/ Galileo/A-GPS
- Android 7.1

VM780
4G Body Camera

- 2G/3G/4G/WLAN
- 115 x 61 x 26mm
- 205g (with standard battery)
- H.264 and High Efficient Coding
- 216° swivel camera
- Night vision (5m recognizable, 10m visible)
- Continuous video recording: >9 hours

- 1.5W speaker x 2
- Dual-mic noise reduction
- IP68, MIL-STD-810G
- 2m drop resistance
- GPS/BDS/GLONASS/AGPS

SC580
Body Camera

- 2G/3G/4G/WLAN
- 91 x 55 x 29mm
- 158g (with battery)
- 3200mAh removable battery
- Night vision (5m recognizable, 7m visible)
- Electronic image stabilization
- Front and rear cameras

- H.264 and High Efficient Coding
- Dual-stream
- Dual-mic noise reduction
- IP68, MIL-STD-810G
- 2m drop resistance
- GPS/BDS/GLONASS/AGPS

Supporting Applications

The Hytera HyTalk service is available on any kind of mobile device provided by Hytera including PNC, PDC and RVM series terminals with the Hytera HyTalk application client and 3G/4G/WLAN network access.
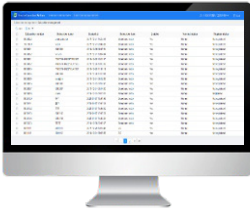
Service Operation Platform

- Manage all of your devices and subscribers in one place
- Visualized KPI and network topology for quick troubleshooting and risk prediction
- Open API for third-party applications

Web Based Dispatch System

- Full control room functionality for managing and communicating with subscribers
- Simultaneous monitoring of multiple groups and subscribers for total situational awareness
- Keep your users safe with real time emergency call monitoring and alarms
- Live location data, including history trace & geofencing

Multimedia Recording and Playback System

- Massive voice, video and SMS recording
- Web browser interface with advanced search, playback and analysis functions
- Flexible centralized or distributed deployment
- Multi-level deployment supported
- Download voice & video calls for evidence management and training purposes

Smart Mobile Device Management

- Management of both narrowband and broadband terminals
- Batch programming, upgrade, key management, permission control, and APP push
- Efficient data acquisition and security analysis
- Quick configuration and OTAP

Hytera Communications Europe

939 Yeovil Road, Slough, Berkshire, SL1 4NH

info@hytera-europe.com | www.hytera-europe.com

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