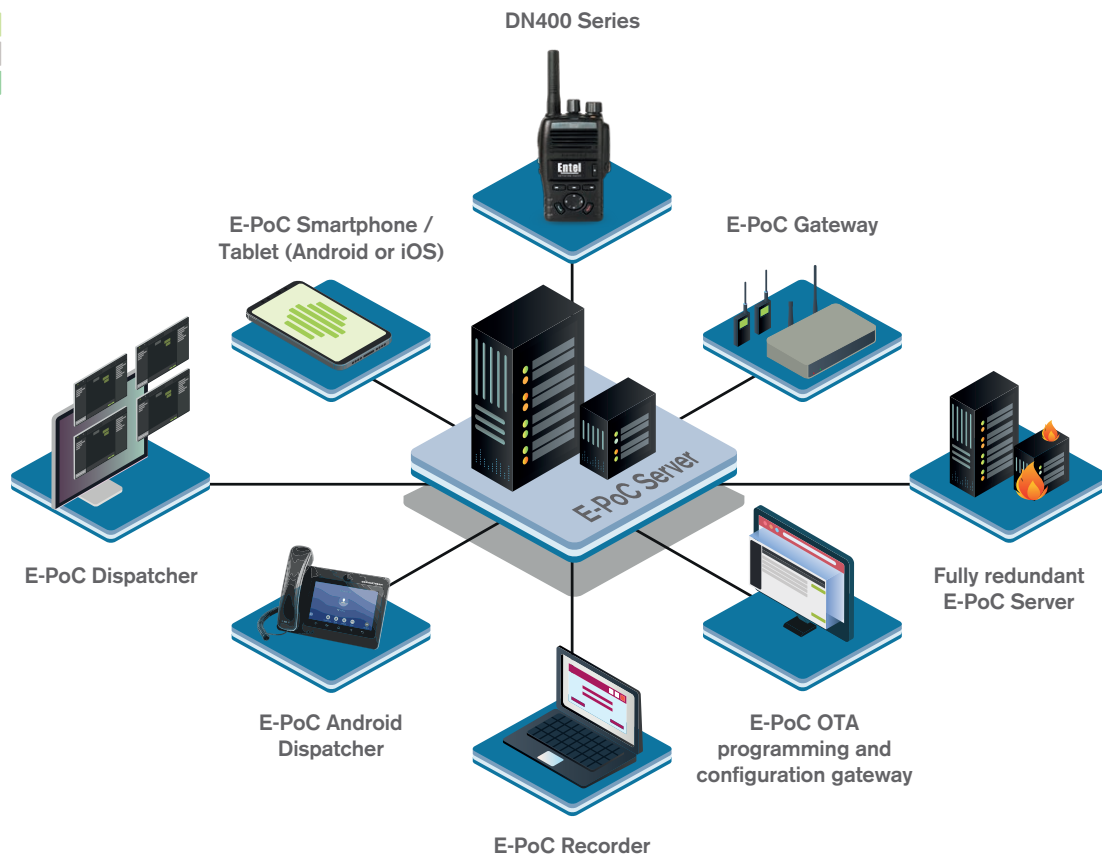# E-PoC Service

Complete Professional Push-to-Talk Over Cellular (PoC) / Wi-Fi Solution

- DN400 Series Radio & Smartphone App
- Dispatchers & Recorder
- High Performance Server
- Radio Gateway

DN400 Series

E-PoC Smartphone /
Tablet (Android or iOS)

E-PoC Gateway

E-PoC Server

E-PoC Dispatcher

Fully redundant
E-PoC Server

E-PoC Android
Dispatcher

E-PoC OTA
programming and
configuration gateway

E-PoC Recorder

E-PoC Service

The professional Push-to-Talk Over Cellular (PoC) / Wi-Fi solution you can rely on

Achieve unified communications with Entel's powerful E-PoC Service.

Standing at the forefront of Push-to-Talk over Cellular (PoC) / Wi-Fi solutions, our robust E-PoC Service Suite delivers seamless business-critical communication.

Eliminating the need for costly and complex infrastructure, E-PoC performs exceptionally for multi-site, high-density city-centre, cross-country and cross-boarder operations. Whether for a pair or thousands of portables and with a virtually unlimited number of channels, users will be delighted with the range, reliability and clarity of this comprehensive communication solution.

Our versatile E-PoC solution is equally suited to in-building operations. Utilising existing Wi-Fi networks, E-PoC delivers enhanced coverage and communications beyond compare; all without the need for traditional infrastructure or dependence on cellular networks.

Where operations require both in-building and wide-area coverage, users can be assured of seamless switching between Wi-Fi and roaming multiple LTE cellular networks.

With instant deployment almost anywhere, a virtually unlimited range and number of channels and, best of all, no interference, there has never been a more comprehensive solution. Simply power on the DN400 Series handset and it's ready to go.

The E-PoC Service delivers

- Unified communications with seamless connection to existing radio systems
- Instantaneous deployment, whether for a pair or thousands of radios, almost anytime and anywhere
- Far superior network resilience and fully redundant, Tier III+ data centre hosted servers
- A virtually unlimited range
- A virtually unlimited number of interference-free channels
- Far superior audio quality with DMR-equivalent latency
- Broadcast, individual, group, dynamic group, emergency and priority calling (including call interrupt)
- Talk group scan (multi-listen)
- GPS tracking (with geofence tools option)
- Emergency and Lone-Worker (plus optional Man-Down)
- AES256 encryption
- Instantaneous Over-The-Air (OTA) programming
- Full history and call recording option
- Messaging

E-PoC is Mission Critical PTT (MCPTT) ready and, with many of the world's emergency services already switching to PoC, you can be assured this robust technology meets the very highest of demands.

Just some of the many applications ideally suited to E-PoC:

Wide-area and multi-site

- Highways maintenance, construction, etc.
- Multi-site university and school campuses
- Security patrols
- Sporting events – marathons, cycle races, motor sport
- Transport and logistics hubs and operations
- Farming and forestry
- Utilities
- Rescue services
- Local authorities
- Port authorities

In-building and high-density

- Port authorities
- Stadiums
- Shopping centres
- Exhibition centres
- Museums
- Hospitals
- Applications in cities where PMR channels have limited availability / are subject to high levels of interference

E-PoC Service comprises several components, together ensuring the very best performance, resilience, security and features. Whether off-the-shelf or bespoke, end users have the flexibility to optimise the solution for their operation.

DN400 4G LTE Wi-Fi PoC Radio Series

Entel's best-in-class DN400 Series is the vital component needed to realise E-PoC's full performance and resilience.

- IP68 (2m 4h) submersible and extremely rugged
- Ultra-compact design
- Built in Wi-Fi, GPS and Bluetooth
- AES256 encryption as standard
- 3-Watts of outstanding quality audio that is far louder than any other hand-held radio on the market
- Achieves ultra-low latency
- High contrast white on black OLED display
- Ergonomic controls designed for use with gloved hands
- Basic to advanced configuration options
- Emergency and Lone-Worker (plus optional Man-Down)
- Messaging
- Instantaneous Over-The-Air (OTA) programming
- Quick release battery and rapid drop-in chargers
- Large range of tailored accessories
- Remote disable / revive
- Caller ID and presence check

www.entel.co.uk/DN400

E-PoC PC Dispatcher
Professional Command & Control Centre Solution

Fully featured software enabling controllers to communicate with, locate, manage and ensure the safety of your mobile workforce.

- Broadcast, group, dynamic group, individual, emergency and priority calling (including call interrupt)
- Talk group scan (multi-listen)
- Local voice recording and history
- Call queueing
- Messaging
- Emergency / Lone-Worker / Man-Down monitoring
- Communication with PMR / DMR radio users (requires E-PoC Gateway)
- Get device information
- Real-time positioning
- Detailed street view
- Customisable map window size (multi-screen use)
- Geofencing / zones (create / edit / delete virtual zones on the map)
  - Zone control (monitoring in / out)
  - Disable channel change
  - Modify zone shape / border
  - Export / import zones: backup / restore zones
  - Dynamic group over zone
  - Passing in / passing out monitoring
  - Check if empty monitoring
  - Stay time monitoring
  - Connect / disconnect monitoring

www.entel.co.uk/dispatcher

E-PoC Android Dispatcher
Professional Desktop Dispatcher Solution

This powerful, multifunction dispatcher enables you to communicate with, locate, manage and ensure the safety of your mobile workforce from the convenience of a desktop IP video phone.

- Instantaneous group and one-to-one calls
- Priority calling (call interrupt)
- Supports emergency features
- Mapping with GPS location
- Call history and recording
- Instantaneous messaging
- Practically unlimited range and simultaneous calls
- No expensive license fees or infrastructure

www.entel.co.uk/androiddispatcher

E-PoC Application for Android & iOS
Professional Push-To-Talk Application

Enabling smartphone and tablet users to communicate with the E-PoC network in a similar way to our DN400 Series radios.

- Individual and group calling
- Custom groups
- Mapping
- Emergency button
- Messaging
- Call and message history
- Instantaneous Over-The-Air (OTA) programming
- Remote disable / revive
- Caller ID and presence check

www.entel.co.uk/smartphone

E-PoC Recorder
Professional Voice & Data Recording Application

This smart, multi-function software allows controllers to sort, search and replay voice records, view message history and monitor user activity. Plus, GPS location history grants to ability to analyse user movements.

- Login / logout records
- Individual and group call recording
- Emergency call recording
- Channel change records
- Connection stats
- Message recording
- GPS recording
- Data export

www.entel.co.uk/recorder

E-PoC Gateway 2.0
Professional gateway solution connecting E-PoC to existing radio systems

This all-in-one and easy-to-install low cost gateway enables you to extend the range of, or migrate from, existing radio systems.

- Multiple network support
- Enhance existing radio systems with E-PoC capabilities
- Over-the-air (OTA) programmable
- Scalable
- Easy to install
- Low cost
- Other infrastructure solutions available

www.entel.co.uk/gateway

Entel's E-PoC software has been optimised in conjunction with TASSTA GmbH

Contact

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