

# Gateway 3.0 FAQs

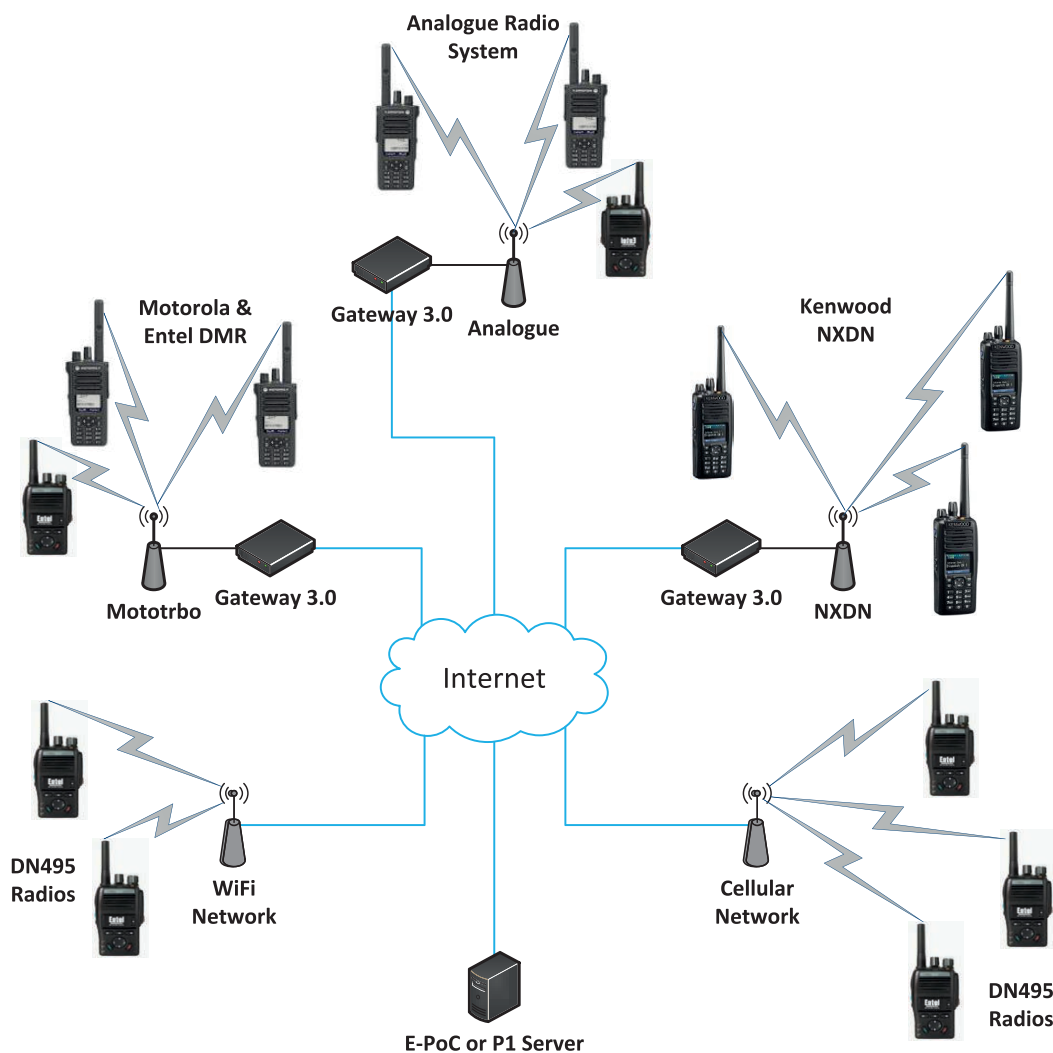


## What does Entel's Gateway 3.0 do?

Entel's Gateway 3.0 enables existing two-way radios and Entel's DN400 Series radios, smartphone / tablet app and Dispatchers to all communicate with each other.

This is especially useful if your existing radio system has reached channel capacity, needs more range or as a migration path to all the benefits of E-PoC / P1 systems (please see the example diagram below).

*You can read about Entel's complete suite of E-PoC & P1 products at the end of this document.*



## Is any reprogramming of my radio system required?

No, the VHF and UHF Gateway can be configured to use your existing Analogue / DMR channel & group etc.

For the Universal Gateway your fixed mobile will be programmed to match your system.

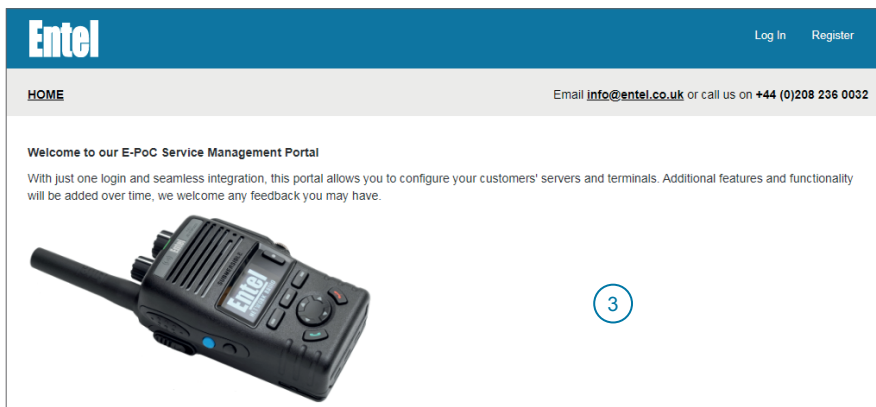
## How easy is it to install Entel's Gateway 3.0?

Gateway 3.0 VHF or UHF is an all in one solution comprising a PC with pre-installed software, a DMR / Analog VHF or UHF radio.

All you have to do is to attach the included antennas (1), connect to the internet via wired LAN (2) or via WiFi.



Gateway 3.0 Universal option requires you to connect your fixed mobile radio via the Gateways external radio connector (4). Programming of the gateway is achieved via our secure, web based, Dealer programming portal (3).



All Gateway programming and updates are carried out 'over the internet' so there is no need to visit site. You can be fully operational in under 5-minutes.

## When will Gateway 3.0 be available?

Gateway 3.0 will be available from mid July 2020.

## What is the cost?

Please ask your Entel Dealer (prices are available in Entel's Dealer Product Book).

## I'm interested to know more. Where do I go from here?

Please contact your Entel Dealer for more information and to place an order (if you don't have one please contact Entel and we will recommend a Dealer to you).

The following pages contain information on Entel's complete suite of P1 & E-PoC products...

## P1 Private PoC System

### What is Entel's P1 Private PoC System?

P1 is Entel's high performance, Business Critical, PoC (Push-to-talk over Cellular) private server, radios, dispatchers and recorder that offers an extremely cost effective alternative to traditional PMR / DMR Tier 2 & 3 / MPT1327 systems etc.

The P1 server can be supplied pre-installed on a DELL PC ready to go (plug-and-play) or as software to be installed in the Cloud.

For a fraction the price of other technologies a single P1 server can support a virtually unlimited number of interference free channels and up-to 5,000 terminals.

#### Entel's P1 products include:

- DN495/P1 Radio
- P1 Recorder (included with the server)
- P1 PC Dispatcher
- P1 Android Dispatcher
- P1 Gateway 3.0

#### P1 supports:

- Entel's DN400 range of business critical PoC radios
- Multiple call types (including Priority, Emergency and Dynamic Group calls)
- Multiple emergency features (including Man-Down and Lone-Worker)
- Messaging, status and data services\*\*
- GPS location including mapping
- Remote programming
- Full recording and logging services
- A virtually unlimited number of simultaneous calls
- WiFi only operation, e.g. for off-line applications such as tunnels / mines etc.

### What type of businesses will benefit from using Entel's P1 Private PoC System?

- Anyone requiring wide-area coverage (Entel's optional SIM's provide coverage throughout Europe, DN radios also provide coverage anywhere you can access a reliable WiFi network)
- Anyone requiring two-way radios that can always make a call, i.e. not limited by the number of VHF / UHF channels available
- Anyone requiring secure communications
- City users where there is limited VHF / UHF range and very high channel congestion
- Anyone where the purchase and on-going costs of PMR / DMR infrastructure is too high

### Can I use Wi-Fi if I am without cellular coverage?

Yes. To enhance coverage, e.g. in buildings / tunnels etc., existing / new Wi-Fi networks can be used.

You can also use P1 without a SIM card on a WiFi network that doesn't have an internet connection, maybe where an extremely high degree of security is required.

## E-PoC Service

### What is Entel's E-PoC Service?

E-PoC is Entel's high performance, Business Critical, PoC (Push-to-talk over Cellular) service that, if required, can also link differing PTT (Push-to-Talk) networks together (including existing Analogue & Digital radio networks).

Entel's E-PoC servers are only ever hosted in Tier III+ data centres with full fall-back redundancy.

#### Entel's E-PoC products include:

- |                                 |   |
|---------------------------------|---|
| • DN495 E-PoC Radio             | <a href="https://www.entel.co.uk/products/dn495">https://www.entel.co.uk/products/dn495</a> |
| • E-PoC Recorder                | <a href="http://www.entel.co.uk/recorder">www.entel.co.uk/recorder</a>                      |
| • E-PoC PC Dispatcher           | <a href="http://www.entel.co.uk/dispatcher">www.entel.co.uk/dispatcher</a>                  |
| • E-PoC Android Dispatcher      | <a href="http://www.entel.co.uk/androiddispatcher">www.entel.co.uk/androiddispatcher</a>    |
| • E-PoC Smartphone / Tablet App | <a href="http://www.entel.co.uk/smartphone">www.entel.co.uk/smartphone</a>                  |
| • E-PoC Gateway                 | <a href="http://www.entel.co.uk/gateway">www.entel.co.uk/gateway</a>                        |

#### E-PoC supports:

- Entel's DN400 range of business critical PoC radios
- Customers' existing smartphones and tablets (using Entel's E-PoC Smartphone / Tablet App)
- Multiple call types (including Priority, Emergency and Dynamic Group calls)
- Multiple emergency features (including Man-Down and Lone-Worker)\*
- Messaging, status and data services\*\*
- Indoor and outdoor location services (including mapping and tools such as geofence etc.)\*\*
- Image and video services\*\*
- Remote programming and update services
- Task management\*\*
- Full recording and logging services
- A virtually unlimited number of simultaneous calls

### What type of businesses will benefit from using Entel's E-PoC Service?

- Anyone requiring wide-area coverage
- Anyone requiring two-way radios that can always make a call, i.e. not limited by the number of VHF / UHF channels available
- Anyone requiring secure communications
- City users where there is limited VHF / UHF range and very high channel congestion
- Anyone who needs to deploy a wide-area coverage radio system at short notice, e.g. highways maintenance, cycle race, car rally, marathon, etc.

*\*At an additional cost on Smartphones. \*\*Future feature and may carry an additional cost*

### Where are Entel's E-PoC servers located? My country's regulations require the server to be located within the country.

- Entel's E-PoC servers will only ever be hosted in Tier III+ data centres with full fall-back redundancy.
- Entel's E-PoC server hardware and locations have been carefully selected to ensure the best performance and lowest possible call latency (equivalent to DMR latency).
- Entel-owned or privately-owned Entel E-PoC servers can be installed wherever the business case / regulations demand.

### Can I use Wi-Fi if I am without cellular coverage?

Yes. To enhance coverage, e.g. in buildings / tunnels etc., existing / new Wi-Fi networks can be used.