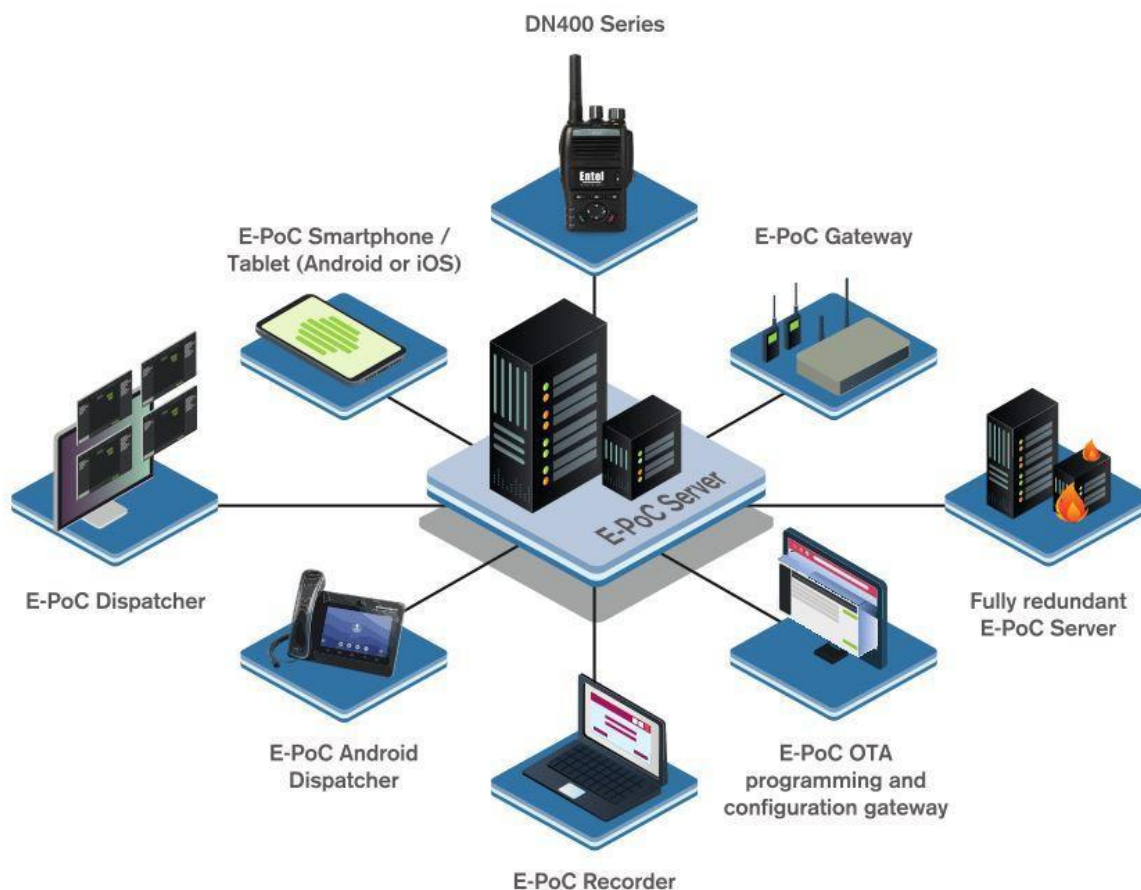


Model	Description
DN4x5	4G LTE/WiFi E-PoC radio
GW4x2	E-PoC to Analogue/DMR gateway
E-PoC Smartphone App IOS	Smartphone app license for Android & IOS
E-PoC/DISP/1	Basic PC dispatcher software license
E-PoC/EDISP/1	Advanced PC dispatcher software license with
Maptools	
E-PoC/ANDROID/1	Android dispatcher software license
E-PoC/REC/1	Recorder PC software suite license



## E-PoC:

- Entel's Business Critical, Push to Talk over Cellular (and WiFi), service.
- Secure using AES256-bit encryption as standard and robust using fully redundant cloud server's hosted Tier 3+ data centres and multi-network roaming SIM's.
- Fast due to its extremely high bandwidth, low latency internet connections that ensure DMR like call latency but with far superior audio quality.
- Comprised of multiple products including DN400 Series radios, IOS & Android Smartphone apps, Radio Gateways to link legacy radio systems to E-PoC, advanced PC and low-cost standalone dispatchers.
- Able to be used anywhere there is an internet connection, Entel's EMEA SIM provides virtually unlimited coverage throughout Europe including all four UK Networks.
- Able to be deployed instantly with virtually unlimited interference free channels.
- Cost effective, there is no infrastructure to install and maintain, no site rentals, license or IP link fees to pay.
- Simple to deploy and maintain with over the air programming and updates that can be instantly applied without having to leave your chair.
- Fully featured E-PoC provides all the features you might expect of Tier III DMR and more.



## DN4x5 for E-PoC

DN4x5 Radio with E-PoC Service

### DN4x5 Radio Features

- Virtually unlimited range
- Virtually unlimited number of channels
- PTT group and individual voice calls
- GPS, WiFi & Bluetooth included as standard
- AES256 encryption as standard
- Emergency Button, Lone-Worker & Man-Down \*
- Designed for the lowest possible call latency
- Can be used on Wi-Fi and cellular networks
- 4G (LTE), 3G & 2G cellular network support
- IP68 2 meters for 4 hours
- MIL STD 810 C/D/E/F/G
- 3 Watts audio output
- Lockable accessory connector
- Comprehensive range of accessories
- Size 97mm(h) x 59.5mm(d) x 33mm(d) with CNB420E
- Size 97mm(h) x 59.5mm(d) x 37mm(d) with CNB450E
- Duty cycle with CNB420E 1350mAh Li-Ion battery 11h
- Duty cycle with CNB450E 2000mAh Li-Ion battery 17h
- Weights 253g with CNB420E battery
- Weights 267g with CNB450E battery

### Standard DN4x5 Package

- DN4x5 Radio Body
- License for Entel's high performance E-PoC Service<sup>T</sup>
- EMEA Roaming SIM with fair use airtime allowance<sup>T</sup>
- Software maintenance (upgrades and updates)<sup>T</sup>
- CNB450E 2000mAh Lithium-Ion battery pack
- CSAHX 1-way rapid drop-in mains charger
- Spring loaded rear clip
- High efficiency antenna
- Quick start user guide
- 24 months manufacturers warranty\*\*

### DN4x5 Radio with 12-months E-PoC Service and EU roaming SIM

Model	Description	Price + vat
DN495/1	4G LTE / Wi-Fi PoC Radio 1 <sup>st</sup> Year E-PoC Service	£440.00
DN495+1	Additional year DN E-PoC Service (annual payment)	£140.00

### DN4x5 Radio with 12-months E-PoC Service, less SIM

Model	Description	Price + vat
DN495/1-SIM	4G LTE / Wi-Fi PoC Radio 1 <sup>st</sup> Year E-PoC Service	£385.50
DN495+1-SIM	Additional year DN E-PoC Service (annual payment)	£95.00

### DN425 North America Variant Radio with 12-months E-PoC Service, less SIM

Model	Description	Price + vat
DN425/1-SIM	4G LTE / Wi-Fi PoC Radio 1 <sup>st</sup> Year E-PoC Service	£385.50
DN425+1-SIM	Additional year DN E-PoC Service (annual payment)	£95.00



For a comprehensive list of current features please visit: [www.entel.co.uk/DNFeatures](http://www.entel.co.uk/DNFeatures)

\*Man down sensor will be fitted free of charge if requested at point of order

\*\*Warranty on battery and accessories is 12 months / All prices exclude VAT / All prices are Ex works GB

<sup>T</sup> Whilst in E-PoC Service contract, supplied without SIM for regions / countries outside Europe.

## DN Accessories

### Battery Packs and Chargers

Price + vat

■ CNB450E	2000mAh rechargeable Lithium-Ion battery pack	£47.00
■ CNB420E	1350mAh rechargeable Lithium-Ion battery pack	£47.00
■ CSAHX	Single pod rapid charger, 110-240V, state 2-pin or 3-pin plug	£30.00
■ CMC450E	Single pod rapid charger, 12v DC with cigar plug	£47.00
■ CSBHX	Six pod intelligent rapid charger, 110-240v, state 2-pin or 3-pin plug	£236.00

### Audio Accessories

■ CMP450/DX	Heavy duty submersible speaker microphone	£47.00
■ CHP450D/DX	Double ear-cup defender with large PTT & comfort headband	£261.00
■ CHP450HD/DX	Double ear-cup defender with large PTT (hard hat use only)	£261.00
■ CHP450HS/DX	Single earpiece ear defender with large PTT (hard hat use only)	£247.00
■ CXE19/DX	Bone conductive headset with in-line PTT	£772.00
■ CXR16/DX	'D' shaped earpiece, throat microphone with large in-line PTT	£434.00
■ CXR5/DX	Bone conductive skull microphone with large in-line PTT	£434.00
■ EA12/DX	'D' shaped earpiece with tie clip microphone / PTT	£26.00
■ EA15/DX	Acoustic tube experience with boom microphone & in-line PTT	£26.00
■ EA19/DX	'D' shaped earpiece with boom microphone & in-line PTT	£26.00
■ EHP/DX	'D' shaped covert style earpiece	£17.00

### Miscellaneous

■ DNMD5	Man-Down Switch for DN495 radios (recommend Entel fits)	£18.00
■ DNFIT	Man-Down fitting for DN495 radios	£25.00
■ CAT90	DN495 cellular antenna	£15.00
■ CBH420	Spare metal belt clip for CNB420E	£7.00
■ CBH450	Spare spring loaded belt clip	£8.00
■ CSP450	Service battery, no regulator	£37.00
■ CLCDX5	Heavy duty black leather case & strap	£26.00
■ PTT450E/DX	PTT Interface for CHP Accessories	£114.00
■ PTT451C/DX	PTT Interface for CXR Accessories	

\*Warranty on battery & accessories is 12 months / All prices exclude VAT / All prices are Ex works GB

## E-PoC Options

### E-PoC Radio Service Options

#### E-PoC Gateway 2.0



- Integrates DMR Tier II & Analogue PMR systems with E-PoC
- Simple to install (takes less than 5-minutes)
- OTA (Over The Air) programmable
- Extends the range and capabilities of existing radio systems
- Allows for migration from existing radio systems to E-PoC
- Scalable to support multiple sites etc.
- All in one box solution (no need for additional hardware)
- Other infrastructure solutions available. Please contact your Entel Account Manager for details.

#### E-PoC Radio Gateway 2.0 (incl. Hardware / Radio Interface)

Model number	Description	Price + vat
GW422	PC-based gateway, includes VHF (136-174MHz) Analog / DMR Tier II radio and 1 <sup>st</sup> year E-PoC license	£532.00
GW482	PC-based gateway, includes UHF (400-470MHz) Analog / DMR Tier II radio and 1 <sup>st</sup> year E-PoC license	£532.00
GW2.0+1	Gateway 2.0 – additional year's license (annual payment)	£62.50

#### E-PoC Smartphone App (Android and iOS) & PoC Services (uses Smartphone SIM)



- Individual Calls
- Group Calls
- Dynamic Groups
- Presence Check
- Status Messaging
- Text Messaging
- Call Interrupt
- Sending GPS location
- Map
- Status Messaging
- Broadcast Calls
- Emergency Button

#### E-PoC Smartphone App (Android or IOS) & PoC Service (uses Smartphone SIM)

Model number	Description	Price + vat
E-PoC/IOS/1	IOS Smartphone App with 1 <sup>st</sup> year E-PoC Service*	£75.00
E-PoC/ANDROID/1	Android Smartphone App with 1 <sup>st</sup> year E-PoC Service*	£75.00
E-PoC/APP+1	Smartphone App additional year E-PoC Service (annual payment)*	£62.50

\*It is possible to share DN495 license with a Smartphone in which case the Smartphone App is free of charge but only one of the two devices can be used at any one time

## E-PoC Options

E-PoC Radio Service Options

### E-PoC PC Dispatcher Software



#### Basic Dispatcher

- Group, Broadcast and Individual Calling
- Priority Call (Call Interrupt)
- Talk Group Scan (multi listen)
- Real-Time Positioning and Precise location with detailed Street View
- Local Call Recording
- Send / Receive Text messages
- Emergency / Lone-Worker / Man-Down monitoring

#### Advanced Dispatcher (as per basic, plus)

- Geofencing / Zones
- Zone Management
- Lone Worker Protection Zone properties
- Modify Zone Shape / Border
- Export / Import Zones: Backup / Restore Zones
- Dynamic Group over Zone GPS Track History Routes For Each User

### E-PoC PC Dispatcher – Basic Software

Model number	Description	Price +
E-PoC/DISP/1	PC Dispatcher software with 1 <sup>st</sup> year E-PoC service	£949.00

### E-PoC PC Dispatcher – Advanced Software with Map Options

Model number	Description	Price + vat
E-PoC/EDISP/1	PC Dispatcher software with extended map options and 1 <sup>st</sup> year E-PoC service	£1,699.00
E-PoC/EDISP/+1	PC Dispatcher software with map option – additional year's license (annual payment)	£332.50

## E-PoC Options

### E-PoC Radio Service Options

#### E-PoC Android Dispatcher



- Group, Broadcast and Individual Calling Priority Call (Call Interrupt)
- Talk Group Scan (multi-listen)
- Real-Time Positioning and precise location with detailed Street View
- Local Call Recording
- Send / Receive Text messages
- Emergency / Lone-Worker / Man-Down monitoring

#### E-PoC Android Dispatcher (Software Only\*)

Model number	Description	Price
E-PoC/ANDROID/1		Android
	Dispatcher software with 1 <sup>st</sup> year E-PoC service	£75.00
E-PoC/APP+1	Android Dispatcher software – additional year’s license (annual payment)	£62.50

#### E-PoC Recorder



- GPS Recording
- Individual and Group Call Recording
- Emergency Call Recording
- Channel Stats
- Connection Stats
- Login Changing
- Message Recording
- Data Export

#### E-PoC Recorder (Software Only)

Model number	Description	Price + vat
E-PoC/REC/1	Standalone full Recorder software with 1 <sup>st</sup> Year license (annual payment)	£199.00
E-PoC/REC/+1	Standalone full Recorder additional year Service (annual payment)	£40.00

# P1 Private Server

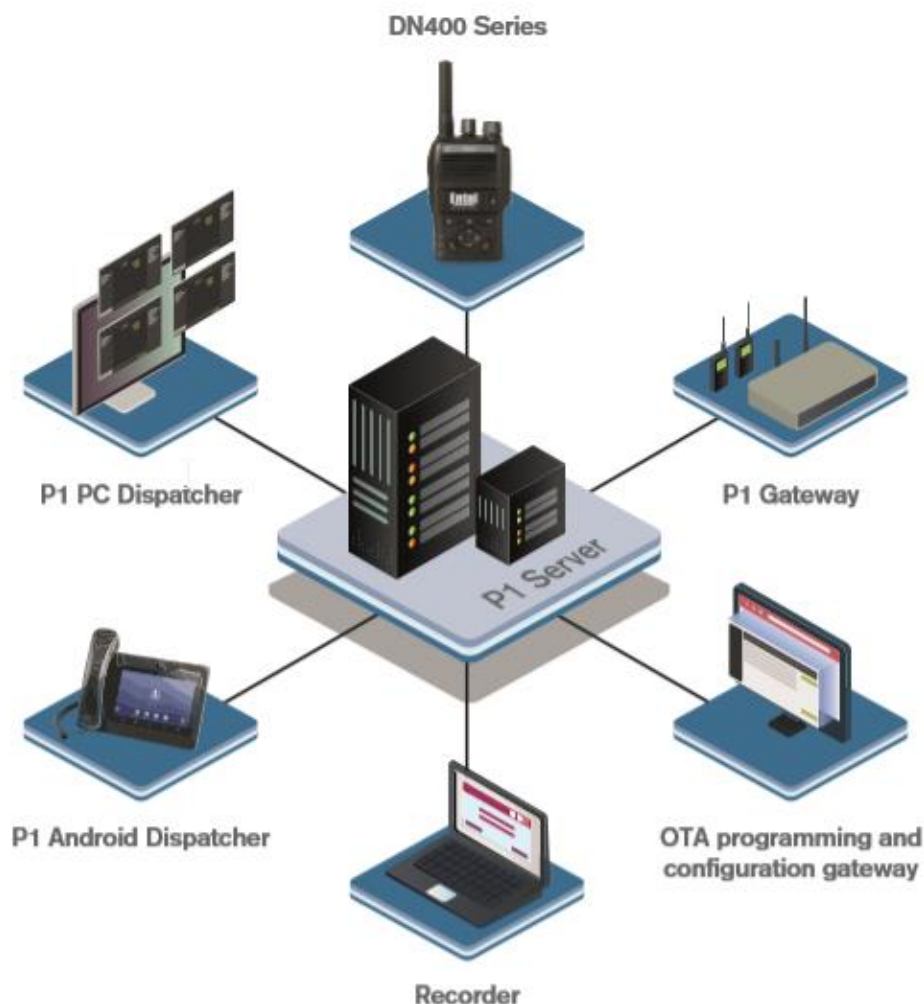
Model	Description
P1 Private Server Software	P1 PC/Cloud lifetime server software license
DN4x5/P1	P1 4G LTE/WiFi Radio with lifetime P1 software license
GW4x2/P1	P1 to Analogue/DMR gateway with lifetime software license
P1/DISP	P1 PC Dispatcher lifetime software license
P1/DNL	P1 Android Dispatcher lifetime software license





## P1 Private Server:

- Entel's ultra-low cost, Push to Talk over Cellular (and WiFi), private server option.
- Secure using AES256-bit encryption as standard.
- Flexible P1 can be installed on your own server hardware or in the cloud.
- Superior audio quality P1 delivers far superior audio quality compared to DMR.
- Comprised of multiple products including DN400 Series radios, Radio Gateways to link legacy radio systems to E-PoC, advanced PC and low-cost standalone dispatchers.
- Able to be used anywhere there is an internet connection.
- Able to deliver a virtually unlimited number of interference free channels.
- Cost effective, there no site rentals, license or IP link fees to pay (the server does require a single internet connection).
- Easy to deploy and maintain with over the air programming and updates that can be instantly applied without having to leave your chair.
- Very well featured E-PoC provides all the features you might expect of DMR and more.



## P1 Private Server Software

Low-cost on-site / wide area private PoC server system

### General Features

- Ideally suited to smaller on-site and wide-area DN495-based radio systems requiring own server
- Supports all the common features including:
  - Group and Individual calling
  - GPS
  - Emergency button
  - Lone-Worker
  - Man-Down
- Virtually unlimited number of interference-free channels
- Each P1 server supports a single end-user
- Perfect for smaller hire applications
- Compatible with P1 Gateway: extend the range of, or migrate from, existing Analogue / DMR radio systems
- The P1 server can be hosted on a PC at the customer's premises or in the cloud



PC hardware not included

Model number	Description	Price + vat
<b>Private Server Software (for Hardware Server)</b>		
P1/HWS	Private Server Software with recorder, lifetime license dongle and remote installation support	£1,042.00
<b>Private Server Software (for Cloud Server)</b>		
P1/CS	P1 Private Cloud Server software with recorder, first years license fee and remote installation support	£1,085.00
P1/CS+1	P1 Private Cloud Server software annual license fee (Year 2 on)	£250.00

Model number	Description	Price + vat
<b>Spare P1 Terminal Licenses</b>		
P1/DNL	Spare lifetime P1 private server terminal license (when purchased with the server)*	£29.00
<b>Admin Fee</b>		
P1/ADMIN	To add extra licenses / DN radios after initial installation (+ cost of licenses)**	£312.20

\* To avoid the admin fee you might consider ordering spare DN495 licenses with your server.

\*\* Admin fee will be waived if ordering more than 50 DN495/P1 radios

## DN4x5 for P1 Private Server

DN4x5 LTE radio for P1 private PoC systems

### DN4x5 Radio Features

- Virtually unlimited range
- Virtually unlimited number of channels
- PTT group and individual voice calls
- GPS, WiFi & Bluetooth included as standard
- AES256 encryption as standard
- Emergency Button, Lone-Worker & Man-Down \*
- Designed for the lowest possible call latency
- Can be used on Wi-Fi and cellular networks
- 4G (LTE), 3G & 2G cellular network support
- IP68 2 meters for 4 hours
- MIL STD 810 C/D/E/F/G
- 3 Watts audio output
- Lockable accessory connector
- Comprehensive range of accessories
- Size 97mm(h) x 59.5mm(d) x 33mm(d) with CNB420E
- Size 97mm(h) x 59.5mm(d) x 37mm(d) with CNB450E
- Duty cycle with CNB420E 1350mAh Li-Ion battery 11h
- Duty cycle with CNB450E 2000mAh Li-Ion battery 17h
- Weights 253g with CNB420E battery
- Weights 267g with CNB450E battery

### Standard DN4x5 Package

- DN4x5 Radio Body
- License for Entel's high performance P1 Server
- EMEA Roaming SIM with fair use airtime allowance
- Software maintenance (upgrades and updates)
- CNB450E 2000mAh Lithium-Ion battery pack
- CSAHX 1-way rapid drop-in mains charger
- Spring loaded rear clip
- High efficiency antenna
- Quick start user guide
- 24 months manufacturers warranty\*\*

Model	Description	Price + vat
<b>DN495 Radio</b>		
DN495/P1	DN495 radio. Requires P1/DNL.	£236.00
<b>DN425 North America Variant Radio</b>		
DN425/P1	DN425 radio. Requires P1/DNL.	£236.00
<b>P1 Terminal License</b>		
P1/DNL	Lifetime P1 private server terminal license	£29.00
<b>DN495 Roaming EMEA SIM Card</b>		
P1/EMEA/SIM	Multinetwork EU roaming SIM card pre-fitted option for DN4x5/P1 (annual fee). <i>Not required if using on Wi-Fi only</i>	£59.00



\* Warranty on battery & accessories is 12 months / All prices exclude VAT / All prices are Ex works GB

## DN Accessories

### Battery Packs and Chargers

Price + vat

■ CNB450E	2000mAh rechargeable Lithium-Ion battery pack	£47.00
■ CNB420E	1350mAh rechargeable Lithium-Ion battery pack	£47.00
■ CSAHX	Single pod rapid charger, 110-240V, state 2-pin or 3-pin plug	£30.00
■ CMC450E	Single pod rapid charger, 12v DC with cigar plug	£47.00
■ CSBHX	Six pod intelligent rapid charger, 110-240v, state 2-pin or 3-pin plug	£236.00

### Audio Accessories

■ CMP450/DX	Heavy duty submersible speaker microphone	£47.00
■ CHP450D/DX	Double ear-cup defender with large PTT & comfort headband	£261.00
■ CHP450HD/DX	Double ear-cup defender with large PTT (hard hat use only)	£261.00
■ CHP450HS/DX	Single earpiece ear defender with large PTT (hard hat use only)	£247.00
■ CXE19/DX	Bone conductive headset with in-line PTT	£772.00
■ CXR16/DX	'D' shaped earpiece, throat microphone with large in-line PTT	£434.00
■ CXR5/DX	Bone conductive skull microphone with large in-line PTT	£434.00
■ EA12/DX	'D' shaped earpiece with tie clip microphone / PTT	£26.00
■ EA15/DX	Acoustic tube experience with boom microphone & in-line PTT	£26.00
■ EA19/DX	'D' shaped earpiece with boom microphone & in-line PTT	£26.00
■ EHP/DX	'D' shaped covert style earpiece	£17.00

### Miscellaneous

■ DNMD5	Man-Down Switch for DN495 radios (recommend Entel fits)	£18.00
■ DNFIT	Man-Down fitting for DN495 radios	£25.00
■ CAT90	DN495 cellular antenna	£15.00
■ CBH420	Spare metal belt clip for CNB420E	£7.00
■ CBH450	Spare spring loaded belt clip	£8.00
■ CSP450	Service battery, no regulator	£37.00
■ CLCDX5	Heavy duty black leather case & strap	£26.00
■ PTT450E/DX	PTT Interface for CHP Accessories	£114.00
■ PTT451C/DX	PTT Interface for CXR Accessories	

\*Warranty on battery & accessories is 12 months / All prices exclude VAT / All prices are Ex works GB

## P1 Private Server Options

### P1 PC Dispatcher Software



- Group, Broadcast and Individual Calling
- Priority Call (Call Interrupt)
- Talk Group Scan (multi listen)
- Real-Time Positioning and precise location with detailed Street View
- Local Call Recording
- Send / Receive Text messages
- Emergency / Lone-Worker / Man-Down monitoring

Model number	Description	Price + vat
<b>PC Dispatcher Software</b>		
P1/DISP	P1 PC Dispatcher Basic Software with lifetime private server license	£55.00

### P1 Android Dispatcher Software



- Group, Broadcast and Individual Calling
- Priority Call (Call Interrupt)
- Talk Group Scan (multi-listen)
- Real-Time Positioning and precise location with detailed Street View
- Local Call Recording
- Send / Receive Text messages
- Emergency / Lone-Worker / Man-Down monitoring

IP Phone hardware not included

Model number	Description	Price + vat
<b>Android Dispatcher Software</b>		
P1/DNL	Lifetime P1 private server terminal license	£29.00

### P1 Gateway2.0



- Integrates DMR Tier II & Analogue PMR systems with P1
- Simple to install (takes less than 5-minutes)
- OTA (Over The Air) programmable
- Extends the range and capabilities of existing radio systems
- Allows for migration from existing radio systems to P1
- Scalable to support multiple sites etc.
- All in one box solution (no need for additional hardware)

Model number	Description	Price + vat
<b>Gateway 2.0</b>		
GW422/P1	PC based gateway, includes VHF (136 174MHz) Analog / DMR Tier II radio. Requires P1/DNL.	£503.00
GW482/P1	PC based gateway, includes UHF (400 470MHz) Analog / DMR Tier II radio. Requires P1/DNL.	£503.00