

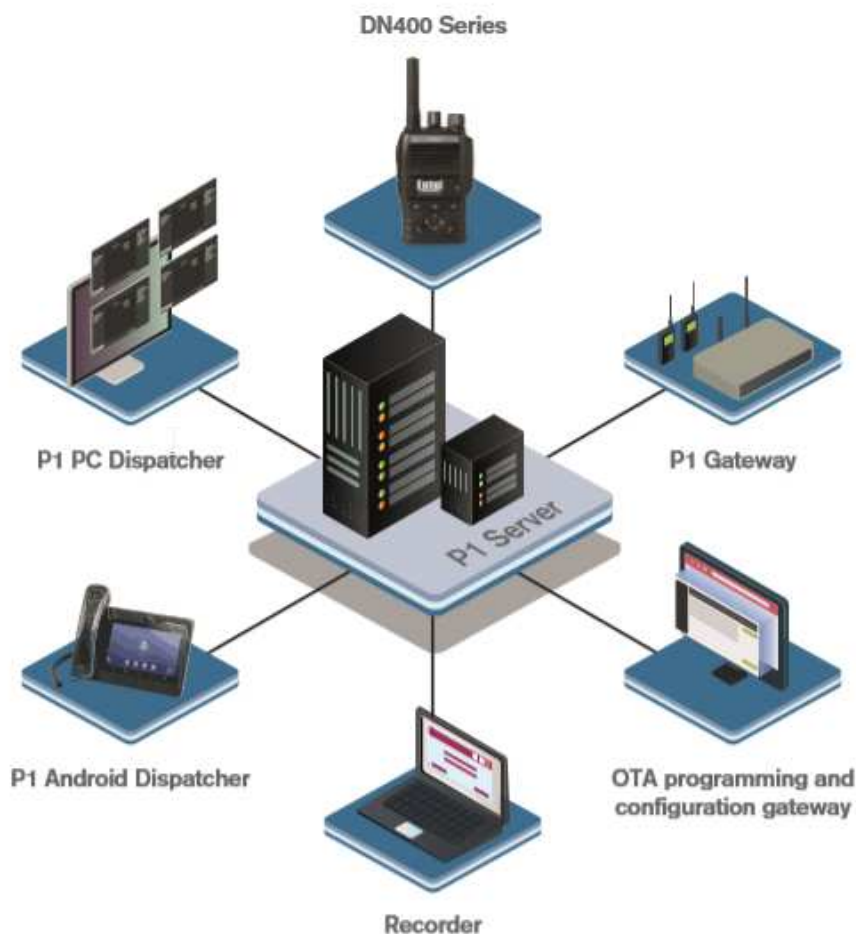
P1 Private Server

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
DN4x5/P1 (v2.0)	P1 to Analogue/DMR gateway with lifetime software license
DN4x5/P1 / GW-UNI/P1 (v3.0)	P1 Universal gateway
P1/DISP	P1 PC Dispatcher lifetime software license
P1/SMARTPHONE	Smartphone app license for Android & IOS
P1/ANDROID	Android dispatcher 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 P1, 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 P1 provides all the features you might expect of DMR and more.



P1 Private Server

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

General Features

- Simple plug-and-play solution with no ongoing Ofcom or PoC service fees to pay
- Ideally suited to on-site, wide-area & multi-site systems (an extremely cost effective replacement for DMR / Analogue repeaters & trunked radio systems)
- Supports all the common features including:
 - Group and Individual calling
 - GPS with History & Call Recording
 - Emergency button
 - Lone-Worker
 - Man-Down
- Virtually unlimited number of interference-free channels
- Each P1 server supports a single end-user & a virtually unlimited number of sites
- Perfect for Hiring, WiFi only systems e.g. tunnel / mining applications etc.
- With P1 Gateway, extend the range of, or migrate from, existing radio systems
- The P1 server can be hosted on a PC at the customer's premises or in the cloud



DELL PC hardware included

P1 Server pre-installed on DELL PC

Part number***	DELL P1 Master Server* with all software installed, basic PoC configuration applied & complete with lifetime license USB dongle.	Maximum Number Terminals**	Opt1 HDD 12m DELL Basic UK support	Opt2 HDD 3y DELL Pro global support	Opt3 SSD 12m DELL Basic UK support	Opt4 SSD 3y DELL Pro global support
P1/HWS/DELL50	P1 Server Software, installed & configured on DELL PC running Debian OS (does not include terminal licenses)	50	€2,353.00	€2,553.00	€2,436.00	€2,639.00
P1/HWS/DELL100	P1 Server Software, installed & configured on DELL PC running Debian OS (does not include terminal licenses)	100	€2,791.00	€3,050.00	€2,988.00	€3,161.00
P1/HWS/DELL500	P1 Server Software, installed & configured on DELL PC running Debian OS (does not include terminal licenses)	500	€2,889.00	€3,189.00	€2,837.00	€2,983.00

DELL PC varies their prices on a regular basis, please check prices before quoting your customers.

Please specify which option is required when ordering.

Prices for P1 servers for up to 1000, 3000 & 5000 number of terminals are available on request.

Please allow an approximately 6 week lead-time for DELL P1 servers (higher cost DELL PC options are available with a shorter lead-time).

DELL may discontinue and upgrade a PC at any time, please check price and availability before quoting your customer.

P1 Cloud Server and Options

Part number	Description	RRP
P1/CS	P1 Master* Cloud Server software with recorder, remote AWS installation & basic PoC configuration (AWS server size determines the max number of terminals supported).	€1,555.00
P1/CS+1	P1 Private Cloud Server software annual license fee	€303.00
P1/DNL	Spare lifetime P1 private server DN terminal license (when purchased with the server)****	€35.00
P1/ADMIN	To add extra licenses / DN radios after initial installation (+ cost of licenses)****	€378.00

* For a backup server please deduct £1,042.00 from above RRP prices.

** Terminals include DN's, PC Dispatches & Gateways. This is PC hardware limitation.

*** Please suffix/SSD if you want the SSD option, /3 if you want the 3-year DELL cover or /SSD/3 if you want both. Prices exclude carriage and any duty / taxes. Dell's Terms & Conditions apply to DELL PC hardware and DELL support, copy available on request.

**** 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

DN495 for P1 Private Server

DN495 LTE radio for P1 private PoC systems

DN495 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 DN495 Package

- DN495 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	RRP
DN495 Radio		
DN495/P1	DN495 radio. Requires P1/DNL. & SIM	€286.00
P1 Terminal License		
P1/DNL	Lifetime P1 private server terminal license	€35.00
DN495 Roaming EMEA SIM Card		
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>	€77.00



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

DN Accessories

Battery Packs and Chargers

RRP

■ CNB450E	2000mAh rechargeable Lithium-Ion battery pack	€57.00
■ CNB420E	1350mAh rechargeable Lithium-Ion battery pack	€57.00
■ CSAHX	Single pod rapid charger, 110-240V, state 2-pin or 3-pin plug	€37.00
■ CMC450E	Single pod rapid charger, 12v DC with cigar plug	€57.00
■ CSBHX	Six pod intelligent rapid charger, 110-240v, state 2-pin or 3-pin plug	€286.00

Audio Accessories

■ CMP450/DX	Heavy duty submersible speaker microphone	€57.00
■ CHP450D/DX	Double ear-cup defender with large PTT & comfort headband	€316.00
■ CHP450HD/DX	Double ear-cup defender with large PTT (hard hat use only)	€316.00
■ CHP450HS/DX	Single earpiece ear defender with large PTT (hard hat use only)	€299.00
■ CXE19/DX	Bone conductive headset with in-line PTT	€934.00
■ CXR16/DX	'D' shaped earpiece, throat microphone with large in-line PTT	€512.00
■ CXR5/DX	Bone conductive skull microphone with large in-line PTT	€512.00
■ EA12/DX	'D' shaped earpiece with tie clip microphone / PTT	€32.00
■ EA15/DX	Acoustic tube experience with boom microphone & in-line PTT	€32.00
■ EA19/DX	'D' shaped earpiece with boom microphone & in-line PTT	€32.00
■ EHP/DX	'D' shaped covert style earpiece	€20.00

Miscellaneous

■ DNMD5	Man-Down Switch for DN495 radios FOC	€22.00
■ DNFIT	Man-Down fitting for DN495 radios FOC*	€30.00
■ CAT90	DN495 cellular antenna	€18.00
■ CBH420	Spare metal belt clip for CNB420E	€8.00
■ CBH450	Spare spring loaded belt clip	€10.00
■ CBE450	Dummy battery with regulator for 12v operation	€62.00
■ CSP450	Service battery, no regulator	€44.00
■ CLCDX5	Heavy duty black leather case & strap	€32.00
■ PTT450E/DX	PTT Interface for CHP Accessories	€138.00
■ PTT451C/DX	PTT Interface for CXR Accessories	€354.00

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

**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	RRP
PC Dispatcher Software		
P1/DISP	P1 PC Dispatcher Basic Software with lifetime private server license	€67.00

P1 Gateway 3.0



- Available in three versions:
 - With built in UHF Analogue / DMR Tier II radio
 - With built in VHF Analogue / DMR Tier II radio
 - Universal for connection to almost any make or fixed mobile*
- LED display for status and to aid setting-up
- 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.

P1 Radio Gateway 3.0 (incl. Hardware / Radio Interface)

Model number	Description	RRP
GW425/P1	PC-based gateway, includes VHF (136-174MHz) Analog / DMR Tier II radio. Requires P1/DNL.	€889.00
GW485/P1	PC-based gateway, includes UHF (400-470MHz) Analog / DMR Tier II radio. Requires P1/DNL.	€889.00
GW-UNI/P1	PC-based Universal gateway for connection to a mobile radio / system of your choice. Requires P1/DNL.	€726.00

P1 Private Server Options

P1 Radio Service Options

P1 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

P1 Android Dispatcher (Software Only*)

Model number	Description	RRP
P1/ANDROID	Android Dispatcher software with lifetime P1 license	€35.00

***Note: IP Phone hardware is not included**

P1 Smartphone App (Android and iOS) & PoC Services (uses Smartphone SIM)



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

P1 Smartphone App (Android or IOS) & PoC Service (uses Smartphone SIM)

Model number	Description	RRP
P1/SMARTPHONE	IOS/Android Smartphone App with lifetime P1 license**	€35.00

*Requires mobile radio with an accessory interface

** 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