

Digital Private Mobile Radio



Digital PMR technology such as TETRA has until recently been out of the reach of many commercial PMR users.

Digital radio solutions were historically the preserve of blue light organisations, such as the Police, Fire and Ambulance services. But now with the steady decline in the cost of digital infrastructure, coupled with the recent availability of commercial spectrum which can be used with digital technology such as TETRA, digital PMR is now becoming the communications technology of choice for many commercial organisations. Going digital has many distinct advantages over staying with the older analogue technology.

Features

- Clearer speech quality
- Suppression of background noise
- Full Duplex voice calling
- Easy integration into telephony systems
- Pre-emptive emergency calling
- Short data service
- Encryption

Benefits

- Usable area of radios increase
- Can be used in noisy environments
- Can offer full duplex for important calls
- Ability to integrate into company PBX to allow direct calling from extensions
- Emergency calls that guarantee to get through
- Both free txt and pre set texts allows flexible and efficient working
- Allows secure communications from both the casual listener and more sophisticated eavesdroppers



Fully Managed Services

Arqiva can design, build and maintain network infrastructure, as well as supply and maintain radio terminals, leasing the service to the customer and providing a fully managed radio communications service. This allows customers to easily budget for their communication requirements and limits the need for heavy capital outlays.

412-414 and 422-424 MHz

Arqiva has an indefinite license for spectrum access in the bands 412 to 414 MHz paired with 422 to 424 MHz. This spectrum allows Arqiva to develop digital radio services by building and operating single site, local, regional or national networks.

National Capability

With more than 30 local and 7 regional service centres across the UK, operating 24 hours a day, 365 days of the year Arqiva combines a national capability with local knowledge.

Coordinated from either our National Customer Service Centre or London Customer Service Centre, engineers based at these sites can provide levels of service ranging from working hours emergency call-out to 24 hours, 7 days a week, 365 days of the year business critical support right across the UK.

Technology Independent

Maintaining independence from manufacturers allows Arqiva to take an impartial view of any available technology and give our customers access to the latest and best hardware.



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