

Secure Mobile Telephony via Officer Radio



Capita has delivered new digital TETRA radio systems to 125 prisons in England and Wales, including the supply of 18,000 new, secure, encrypted radio handsets, supporting voice and data connectivity.

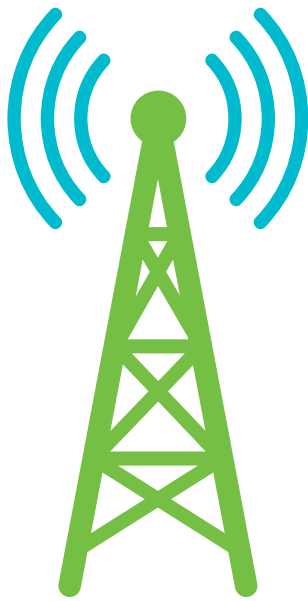
The extensive contract included the design of the new system, all infrastructure, national frequency planning, remote network connectivity, IP based systems control stations and base stations. This design was formally tested against the Ministry of Justice (MoJ) requirements for functionality and performance; configuration was demonstrated and formally accepted through a rigorous testing process.

The radio systems have been designed to be highly resilient and available with a full understanding of the unique security issues associated with installing and supporting radio systems in operational prisons, including the high-security estate.

As a cost-effective addition to the radio system it is possible to provide additional connectivity from the control room dispatcher system to a prison's existing telephony switchboard. Using routing and forwarding configuration calls to specific, cleared numbers within the prison can be automatically redirected to the officer's radio. Outgoing calls can also be made seamlessly from the device.

Features

- Add-on item & feature to the existing Secure Prison TETRA radio networks.
- Provides secure mobile telephony on selected radio handsets that will be able to make and receive calls, via the prison PABX, while on the move, anywhere within the prison estate.
- The selected radios will continue to operate as normal prison radios but will also have the added telephony functionality, appearing as an end user extension number on the existing prison PABX.
- Once the optional telephony component is installed on the radio system, individual radios can be easily configured by the operations staff to receive calls only, or to be able to make and receive calls.
- This facility can be amended or revoked at any time centrally by the control room staff.



Benefits

- Provides full mobile phone coverage throughout the prison estate, in many areas where it would not be possible to receive a conventional mobile phone signal.
- Ensures senior prison staff can be fully engaged instantly with any crisis response regardless of their current location within the prison estate, including any engagement with external agencies.
- Provides fully secure communications inside the prison estate, with TETRA encryption and security features.
- Telephone calls remain private, and cannot be overheard by any other radio users or control room staff.
- Individual radio handsets can be authorised, configured and blocked centrally by the operations staff ensuring full management and control of the capability.
- In addition to the standard prison radio handsets, a wide range of alternative TETRA radio handsets are available, with a much smaller form-factor making them more discrete if required.



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