



GPS Inside FRS for a Constant Lock on GPS

APPLICATION NOTE

Constant State of Readiness

When responding to domestic or industrial fires, road traffic accidents, floods, or other emergency situations, every second is critical. When an appliance exits the station/garage in an emergency, it may take several minutes to lock onto GPS leaving Mobile Data Terminals (MDTs) disconnected from critical data and the Control Room having no visibility of appliances when they are inside the station.

Bringing GPS inside your Station/Garage

As the GPS signal is too weak to penetrate buildings, emergency vehicles parked inside cannot receive it. Chronos offers Ofcom compliant GPS Repeater solutions which bring the GPS signal inside buildings ensuring excellent indoor GPS coverage at all times. First responders are able to constantly lock on to the GPS signal while their response vehicles wait inside the fire station and upon exiting, the satnav device does not take valuable minutes to acquire the GPS signal. With our solutions, GPS repeating kits can be installed that custom fit into whatever type of structure you need.

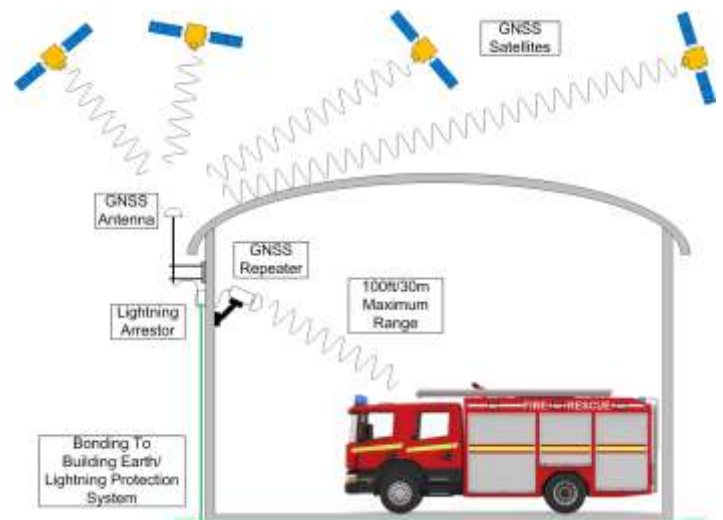
Services

Chronos provides a full range of accessories for distributing GPS signals including complete GPS repeater kits, antennas, amplifiers, splitters, attenuators, filters, cables and GPS over fibre solutions.

In all cases Chronos provides a fully Ofcom compliant installation service including designing the layout and distribution of the solution. This

Benefits

- Live GPS signals brought inside fire & rescue stations
- Emergency vehicle satnav devices and mobile data terminals are constantly locked onto GPS satellites when indoors
- When exiting the building, vehicles already have a GPS signal
- Vehicles are constantly in view by Command and Control Centres



starts with a site survey which ensures that even before commencing an installation the antenna, cable run and repeaters will all be placed at optimum points. Chronos has an experienced team who has installed countless repeater systems in both military and civilian applications. [Products](#)