



Enterprise mobility & wireless connectivity

- Business mobility and enterprise LTE
- Spectrum availability & assessment
- Critical communication for organisations
- Enterprise Wireless system and service propositions
- High performance wireless for vital processes



Business critical mobile broadband communications and convergence to LTE

Industries such as transportation, aerospace, healthcare, public services, infrastructure and utilities have historically used a wide **variety of mobile voice and data systems**. These systems and devices often date back decades and many of them historically only support voice. Typically, these systems and applications have an above average availability and performance; also they feature some specific functionalities like group call, prioritisation and PTT (push to talk). Over the years these systems have proven indispensable.



Over time, the organisation and its processes have developed a **dependency on these mobile applications** and they have proven themselves to be of great operational and economic impact to these businesses; hence the term *business critical* mobile. The notion comes very close to the term *mission critical* which is often reserved for public safety forces where the use of mobile voice and data relates to saving lives. Thus, the need for mobile communication has steadily developed from being *nice to have* into being *need to have* !



Typically, such industries and organisations find themselves surrounded by a **myriad of voice and data systems** often once developed per application; either still analogue or digital, dated or relatively new, privately owned and operated or as a service from a service provider. This complexity adds to the cost of ownership and difficulties to maintain service levels. Many organisations have started investigating the convergence to one integral

future proof wireless network such as LTE! The **convergence and transition towards LTE** would allow a coherent and future proof network to cater for all incumbent and future mobile needs, both voice and data and provide migration towards next generations of standards. The convergence towards LTE is further enabled by a suite of trunked radio features that users are already accustomed to and are being developed right now by the standardisation bodies, these will become available over the coming years.

Convergence business critical wireless usage to LTE



Analogue radio networks



Digital trunked radio's



Wifi private networks

Proprietary wireless systems



Private GSM networks

Mobile data subscriptions



With the convergence towards one integral broadband wireless standard come **strategic considerations** such as spectrum access and availability, private or as-a-service options, features and system choices and transition strategies. As a result, the organisation disposes of a coherent future proof enterprise mobile broadband service; thus truly having:

Ultimate Wireless Mobility !