



PROFITEL IP

INDUSTRIAL COMMUNICATION MADE SIMPLE



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IP Telephone System for industrial environments

Ethernet is the way forward

The focus on Ethernet as a common language for data transmission has also reached the world of telecommunication. Already a de-facto standard for industrial data and control systems, Ethernet is also attractive as a platform for industrial telephony. Amongst the most essential benefits from this approach are significant savings as a result of using one common infrastructure rather than one for each system, and the increased level of safety achieved by extensive redundancy measurements.

Not just a telephone system

ProfiTel IP is more than just a telephone - it is a complete communication system designed for harsh environments. It can be installed in any new or existing IP environment and be used as a fail-safe telephone system with options like PA functionality, WLAN HotSpot and remote I/O. It may also be used as a network node, effectively using the telephone itself as an ethernet switch (ProfiTel IP NET). This will also allow you to connect any IP based equipment such as surveillance cameras, PLC's and measuring equipment directly to the telephone.

Future proof, secure and flexible

The use of Ethernet makes the system highly versatile and future proof while the modular design makes ProfiTel IP easy to adapt to almost any application. Install ProfiTel IP outdoors, indoors or wherever there is an IP network connection available. Choose between handset, handsfree, keypad or pushbutton operation or use the hotline model where the telephone calls a predefined number as soon as the handset is picked up.

Protect your investments

If you have existing systems or an installed base of telephones, such as explosion proof telephones, special telephones or telephones in remote areas it may seem overwhelming to replace everything in one operation. Due to the ProfiTel IP Gatekeeper's ability to support both old and new technology you can easily combine analogue and IP telephones within one installation, and the Gatekeeper may even be networked with other systems. This opportunity to upgrade the installation in steps, makes the ProfiTel IP system not just a brilliant decision for the future - it also helps protect the investments that have already been made.

No matter what application you want to use it for, we will help you prove that investing in a ProfiTel IP system is the right decision!



Handsfree version



Handset version



Operator console and software



Gatekeeper



Telephone configurator

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Built for harsh environments

Designing a communication system suitable for mines, railway, highway and industry in general is a great challenge in terms of harsh conditions, noisy environments, long distances and the demand for zero downtime.

A typical example is a subsea road tunnel where salt sprays, exhaust fumes, temperature and humidity create a corrosive atmosphere where only stainless steel will survive. Noise from passing traffic is reflected by the tunnel walls and requires telephones with loud and crisp quality voice level. The telephones are in many cases highly exposed to public access and will have to be as tamperproof as possible.

ProfiTel IP has been designed with all these issues in mind and its rugged stainless steel construction provides efficient protection against rough conditions. It is the ideal solution for emergency telephones, or as a public information system, intercom, or simply as a telephone system for use in any harsh environment.

One of the key attributes of the system is the remote configuration and automatic self test ability that allows you to configure, manage and test all your ProfiTel IP tele-phones from one central location. Not only does this ensure reliable operation, it also gives the owner significantly lower maintenance costs leading to a positive impact on the long-term cost of ownership.





Profitek has been involved in manufacturing and delivery of emergency telephones for railway and road tunnels since 1988. All our experience and knowledge about emergency systems in harsh environments has been used in the design of Profitel IP.

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