

Fail-safe system fact sheet

March 2017

Swisscom recommends changing all emergency telephones over to mobile-network-based solutions in order to ensure flawless communication in the future.

Conversion of landline telephony at the end of 2017

With All IP, Swisscom is providing the technical basis for the digitisation of Switzerland as a business location; it is investing around CHF 1.7 billion every year into the expansion and modernisation of its network. All IP gives the customer greater flexibility, ease of use and efficiency – irrespective of location and devices. Swisscom is planning to transfer all services currently provided via traditional landline-based technology over to the modern Internet Protocol (IP) technology by the end of 2017. Support for the traditional technology is guaranteed until then. The old telephony infrastructure will be gradually decommissioned from 2018 onwards. Customers who have not yet switched to an IP product by then will be helped to do so by Swisscom.

Swisscom recommends that any of its customers with special applications that use traditional landline-based telephony should address this topic as soon as possible and start making the necessary adjustments. These special applications also include lift telephones, alarm systems and modem applications that are based on the traditional landline telephony system. Swisscom recommends switching to a mobile-network-based solution as quickly as possible. The system manufacturer will be able to advise you.

What are the benefits of switching to a solution based on mobile networks?

Using mobile technology offers the following advantages:

- Proven technology that has already been supported by leading and innovative manufacturers for a number of years
- Increased redundancy as the mobile solution can access multiple base stations (with emergency power supply)
- Optimised costs thanks to a targeted pricing model
- Easy installation and immediate start-up
- Everything from a single source – the lift manufacturer will be able to maintain the entire lift system including communications solution

Swisscom's mobile-network solutions for manufacturers

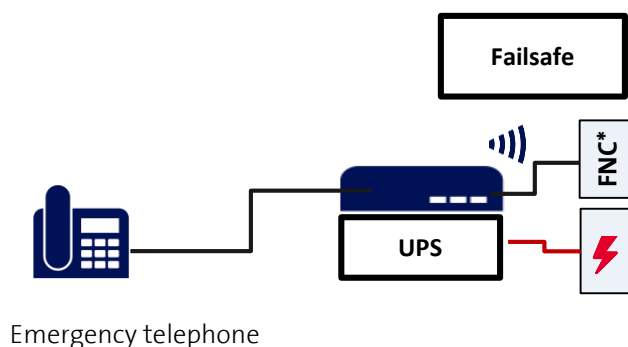
Swisscom's CMP Lite uses the innovative technology of the Connectivity Management Platform (CMP) for a special solution designed for the lift industry. Manufacturers of other special applications are also welcome to obtain advice on the range of offers available.

Is there an alternative landline-based IP solution?

Customers who do not wish to switch their analogue lift telephones to mobile-network-based solutions are offered an alternative landline-based IP solution. The initial cost of the switch is low. The solution comprises an IP landline-based telephony system, an Uninterruptible Power Supply (UPS) system with battery backup for maintaining power to the router in the event of a local power outage, and a mobile fail-safe system (if the landline goes down, calls are transferred to the mobile telephony network; antenna extensions are available). Swisscom also offers installation by a service technician at a fixed price.

This solution is mainly aimed at lift manufacturers, property managers and building owners. It also addresses the needs of providers or users of emergency call facilities (e.g. remote alarm systems for senior citizens). Thanks to dual redundancy in the case of both power and network failure, the solution ensures the availability of an emergency telephone link so that contact can be made in case of emergency.

This option will also be available to major business customers in conjunction with a Swisscom Line basic connection from the first half of 2017 onwards.



*Fixed network connection

What does Swisscom recommend?

Swisscom recommends migrating all special applications to a mobile-network-based system or an IP-enabled landline system. The communication system should be connected to a local emergency power supply. If a mobile-network-based solution is not possible, a landline-based IP solution offers a simple alternative.

What should the owners of special applications do?

They should bring up this topic with their system provider and request the switch. If the system provider does not offer a solution, switching to the Swisscom landline-based IP solution as soon as possible is recommended.