

# Let off the lead



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## Cordless and unbound: new mobility at the threshold

### **Previously: fixed connection**

What happens when a visitor rings the doorbell? An electrical impulse travels from the door station along a wire and triggers a signal at the indoor station. Most of the time, the classic in-house telephone is permanently installed at a central location in the home, often in the hallway. The resident goes there when he hears the bell, sees the picture of the visitor, speaks with him and lets him enter using the door release. Sometimes he uses the same device to turn on the light or to open more doors, such as those to the courtyard, the garage or the entrance to his floor.

In many cases, this is still the way things are and it continues to be so in many plans. But things have now changed. Mobile use of the Internet is showing the way: people are

no longer following technology, but rather the other way round. The technology is in place where it is needed and adapts to the needs.

And these needs are changing. Living and working under one roof is becoming ever more frequent, more and more people are living alone, and the desire for more convenience and security is growing. On the one hand, we can be reached at any time; on the other hand, we are seldom to be found at the same location. In short: the world in which we live has become more flexible and more mobile – there is no longer a universal pattern.

### **Now: open systems**

Thus, door and building communication is no longer sticking to such patterns. The design possibilities are multiplying, both in terms of technology and form.

So what happens today when a visitor rings the doorbell? The electrical impulse still travels along a wire and it is a sign of clever planning if it still causes at least one fixed device to sound. However, at the same time, the signal can leave the wire and be converted into a radio signal that is detected by the mobile Siedle Scope call station using the DECT standard. It works anywhere in the house, without any noticeable delay, is secure, encrypted and includes video and voice transmission in real-time. Or it can change its medium, becoming a data packet in the network. When the packet

reaches its destination in the network, programs or apps turn computers, panels, iPads or iPhones into virtual indoor stations. They can be used in the garden, on the terrace, on the next floor, across multiple locations or anywhere else within reach of the mobile communications network. The threshold is becoming mobile.

Siedle provides a wide range for flexible, mobile communication at the threshold, from the simple upgrading option to highly complex system integration. All offers have something in common: the typical Siedle requirements of high quality and good design. These requirements include an awareness that the threshold between inside and outside makes particularly high demands. Whatever system is used, all aspects of the door communication must be reliable.