

Building services management at a click

Regulating the ambient climate, dimming the lights or lowering the sun blinds are all functions which can now be activated with ease either from an Aastra workplace telephone, cordless DECT phone or GSM mobile terminal. By coupling the KNX components with an Aastra IntelliGate communication system you can now significantly reduce

the number of localised switches, which in turn means substantial cost savings during the basic installation. Users also benefit greatly as a result of the large number of innovative KNX functions and the increased mobility.

Controlling heating, lighting, blinds or ventilation

Blinds & lighting

Sometimes life can be so simple. For instance you can now control the blinds and lights from the comfort of your own phone. Not only is this extremely convenient, it makes the installation of decentralised switches completely redundant. Besides individual processes you can also program or invoke entire scenarios, which can be stored under a function key or in the alpha-numerical phone book. This means that when you are in a meeting room, you can darken the room at the touch of a button, dim the lights, unfold the projection screen and switch on the beamer. The control system works with both system and analogue terminals.

Gate control/door intercom system

Opening the entrance door remotely simply by pressing a button is so practical, and that's just one of many solutions. Others include displaying messages such as "Please wait" or "Busy" on the entrance display system whenever the door key is pressed. If the entrance area is equipped with a video surveillance camera, the images can be fed directly to the reception area, which means the entrance door can be opened using your phone, in complete comfort.

Fork-lift truck drivers also appreciate KNX solutions as they no longer have to use pull switches to open gates at the company business. Instead, all they have to do is press a key on their DECT phone.



Heating, ventilation and PA systems

Another possibility is regulating heating or ventilation systems. If a fault occurs, an alarm is triggered immediately and forwarded either to system telephones, GSM mobile terminals or pagers.

Intelligent KNX control systems can do even more: for instance in offices where the radio plays during the day, the volume is automatically turned down the instant a new incoming call is received.

KNX control systems are also widely used in the studios of radio stations. Whenever the presenter is on air, the phone automatically switches to mute and incoming calls are signalled only by the display and an LED indicator.

Alarm notification

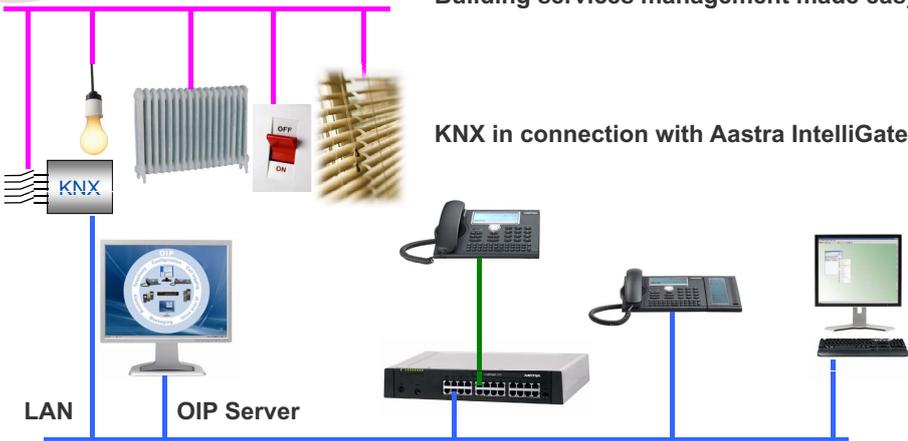
If a technical fault occurs, e.g. a heating, ventilation, motor or lift alarm, it is displayed via KNX on the phone or, in the case of the Aastra OfficeSuite, directly on a PC monitor. The user then has the possibility of triggering a number of other actions using the function keys.

A KNX alarm switch can also be installed under the desk in sensitive environments, allowing employees to trigger an alarm unnoticed by the customer. The alarm is then routed via the communication system and displayed on the terminals of a defined user group (e.g. security guards) or forwarded to outside alarm services.



Building services management made easy

KNX in connection with Aastra IntelliGate



Technical requirements:

PBX platform

- ✦ Aastra IntelliGate with OIP link-up

Terminals

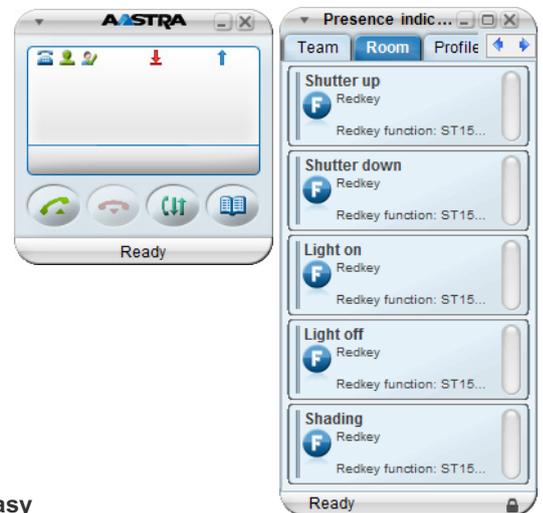
- ✦ System phones with function keys/alpha dialling
- ✦ Analogue terminals
- ✦ ISDN terminals

Licences

- ✦ ATAS licence

Accessories

- ✦ Serial bus or LAN (KNX module)



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