



technology made easy

Control solutions for conference rooms



# Technology has to work intuitively and reliably

RTI automates building services,  
presentation technology and online services  
and brings them exactly in line with  
**your expectations** and needs.



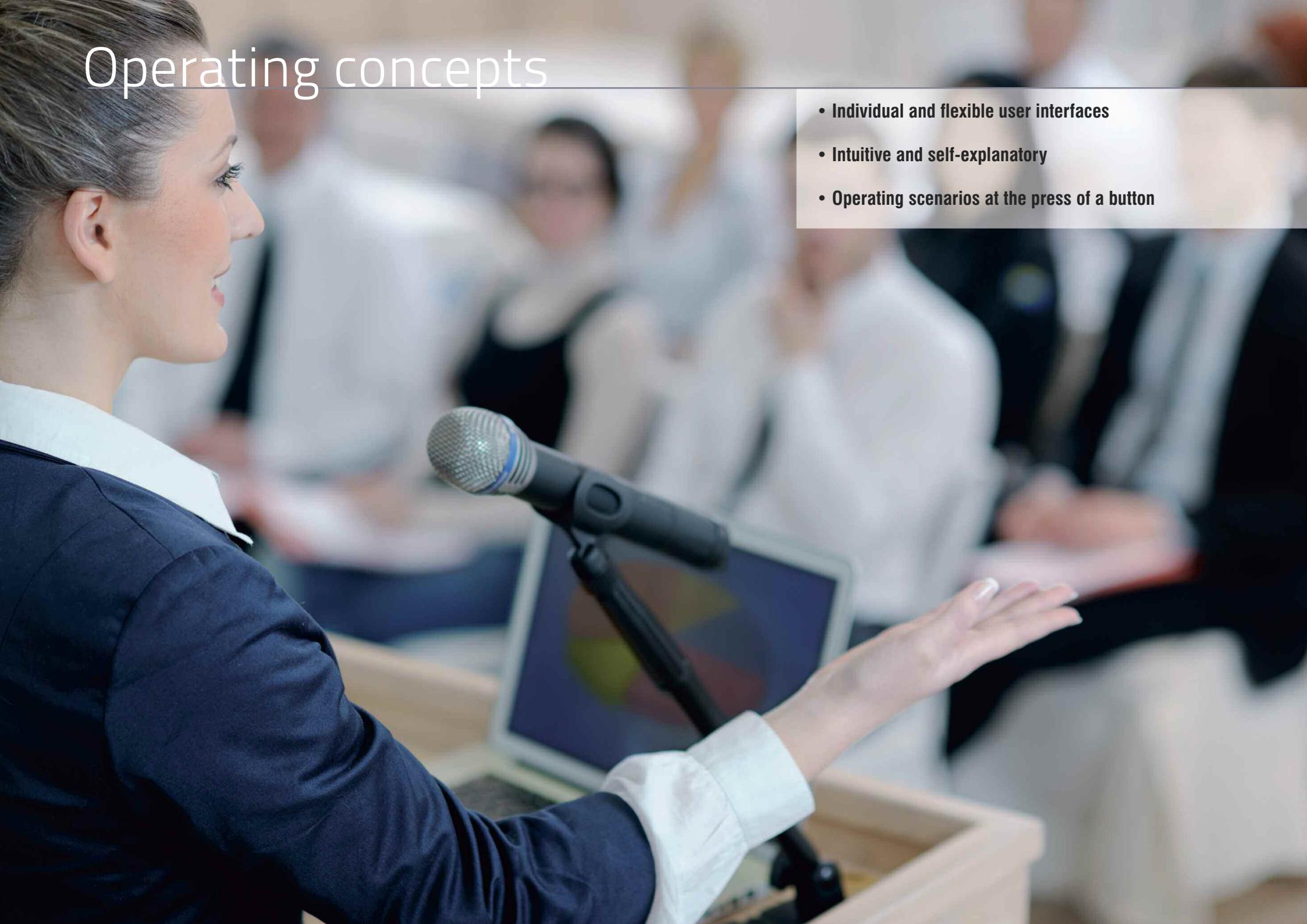
## RTI – technology made easy

RTI is the link between the technical devices in your conference room and provides the speaker or meeting moderator with a unified and intuitive user interface. The interface is available on remote controls, touch panels, tablets, smartphones and computers.

You may wish to upgrade the technology at some point or expand the system – with RTI, that's no problem. Nothing changes with regard to your existing user interface.

# Operating concepts

- Individual and flexible user interfaces
- Intuitive and self-explanatory
- Operating scenarios at the press of a button



## Presentation technology

 Having five remote controls in a conference room is a thing of the past. The existing projector, screen, TV and audio system are integrated into the system and can be controlled via one interface.

Unimportant, confusing functions are not shown. Individual presentation scenarios, with which all devices can be switched on at the press of a button, make operation effortless. Presentations are reliably projected to a screen from the PC, presenter or video playback device.



## Building services



Light, shading, heating and air conditioning can be controlled in various ways. Traditional cabling or a bus system are usually installed. RTI is connected to the existing electrical wiring and interacts with all common building bus systems. Furthermore, RTI is the official partner of EIB/KNX. The clear overview of room conditions such as target/actual temperatures, lighting conditions or open windows are standard.



## Online and network services



Of course, RTI can access various online services which are likely to be used every day. Breaking news, the stock exchange or simply the weather forecast can be displayed in your user interface. You will be automatically informed about weather warnings. Furthermore, your RTI system will show you door cameras or surveillance cameras.



## Unique operating concept

RTI user interfaces can be freely designed and therefore accommodate all requirements in terms of corporate identity, tasks and personnel. Ease of use and security are the number-one priority.



# Control units

- For all purposes
- Timeless design
- Smartphone and tablet integration



## Desktop Touch Panels

Everything in view – and under control

A desktop panel gives an overview of all technical devices and scenarios in the modern conference room. At the touch of a button, everything required for a presentation or a coffee break is controlled in a manner that is easy to handle. You can concentrate on the most important things. The stationary installation ensures that the panel is always in its place and ready for use.

Via the feedback, the technology that is not visible can be controlled safely and comfortably. You are always in complete control.

The contents of the touch panel pages as well as the designs of the buttons, backgrounds and icons can be designed according to your wishes and needs. Your own personal operating concept can be created.



## Computer, Tablets, Smartphones

for Apple®, Android® and PC

RTI can integrate products from third party providers with the help of so-called virtual touch panels. Windows computers can be integrated into the RTI, as can Apple iPads®, iPhones®, iPods® and all Android®-based tablet PCs and smartphones.

The control units behave exactly like an RTI touch panel and are seamlessly integrated into the control concept. Accessory products such as a motorised wall docking station for iPads create a perfect and elegant solution.



## In-Wall Touch Panels

Safe and aesthetically pleasing

In-Wall panels are control units set into the wall and are the ideal solution to provide building services (lighting, heating, shutters) and central functions such as "Everything on/off". In conference rooms it is ideal for starting frequently used scenarios immediately upon entering the room. For example, a "Start Presentation" button can switch on the light, start up the projector or the LC display, boot the presentation PC and lower the shutters. The bezels of the wall panels are available in different colours and can be changed at any time.

In rooms that are open to the public it is preferable to use solid in-wall touch panels and to do without mobile control units due to the risk of theft.



# Control units



- Combination of buttons and touch screen
- Flexible usage
- KNX compatible

## Handheld Devices

Buttons and display individually programmable

These models combine the advantages of the most common buttons with the flexibility of a touch panel. These mobile control units allow for complex controls with visual feedback, such as showing device states (e.g. on/off), temperatures or weather forecasts.

Just as with all RTI touch panels, technology which is not visible can be controlled safely, as device states are shown on the display of the handheld device.



## Keypads

Conventional practicality

For the operation of building services (e.g. lights or shutters), a simple switch is the first choice in many places. RTI keypads are freely labelled, can be engraved with symbols and give feedback to the user via different LED lighting or text display. The keypads in Decora Design come with 2, 4 or 8 buttons and are available in black and white.

If a simple keypad is not sufficient, this can be replaced with small, discreet touch panels. Here, all the possibilities for visual feedback in image and text are available. These are perfect for showing target/actual temperatures.



## KNX/EIB & More

Open to the world of building technology

As an official partner of KNX, RTI is the perfect platform for the visualisation and control of established bus systems. The connection is secure and convenient via Gateway, without having to interfere with the existing electrical wiring.

Intuitive control with feedback to the RTI control units creates comfort and safety which far exceeds switches and keypads. This way, the entirety of the building services can be integrated into complex, recurrent or automated scenarios.

The following building bus systems, among others, can be integrated into RTI: KNX, Sienna, LCN, Z-Wave, Lutron, HomeMatic, DALI.



# Control and management

- Easy management
- Can be extended to any number of rooms
- Audio/Video over long distances



## Remote access

Complete control

If several conference or meeting rooms are integrated into the control concept, a large, central RTI touch panel or a PC with a virtual panel should be available, which allows the building technician access to all important functions.

Decentralised functions such as lights or shutters in individual rooms or the heating are controlled from this point. A building floor plan makes navigation easier. All on/off buttons can be integrated with return of information on the main control panel.

A large touch panel is also ideal for displaying surveillance cameras. High-priority functions such as holiday mode (the system goes into energy-saving mode) are activated via this RTI touch panel.



## Processor

The heart of the control system

The RTI processor is the core of every RTI system. Technology to be controlled, as well as the control units, are connected to the processor via a cable, ZigBee or RF.

All information and commands are received here and directed to the relevant device or control unit to be controlled.

A processor can also execute commands independently, for example via an internal clock. Popular applications for this are lighting conditions dependent on the time of day or the automatic switching on and off of the presentation technology in the mornings and the evening.

## Signal management

So that everything arrives in tact

With the HDBaseT matrices switch from RTI, you can integrate the audio/video signal management seamlessly into your control system. A standard CAT-5e/6 network cable is sufficient for cabling – this simplifies and makes the installation inexpensive.

With the correctly placed range extenders, you can reach distances of up to 70 metres from the source, for example the laptop on the conference table and the projector on the ceiling, without any loss in quality.

Switching between different presentation scenarios is performed reliably and is easy to handle with RTI control – whether from a desktop panel, keypad, handheld device or smartphone.

