Maximum flexibility.
Zero interference.

DICENTIS Wireless Conference System

BOSCH
Invented for life

boschsecurity.com

The **wireless conference** system for the **mobile generation**

▶ Standard Wi-Fi technology for co-existence with other Wi-Fi networks.

▶ Smart wireless management to ensure interference-free wireless conferencing.

▶ Touch-screen Wireless Devices with built-in NFC reader for a superb meeting experience and future expandability.

▶ True wireless connectivity for easy control and redundancy.

Born from and for the mobile generation

With the need to use office space more efficiently, municipalities and corporations are looking for better ways to manage spaces such as meeting areas and multipurpose rooms. This calls for more flexible – as well as reliable – conference systems. At the same time, the range of mobile devices (phones, tablets, laptops) being brought into meetings and conferences is constantly on the increase, so interference between all these Wi-Fi networks in the conferencing environment must be avoided.

Maximum flexibility. Zero interference

The DICENTIS Wireless Conference System addresses these needs perfectly. This best-in-class solution is designed to be the most flexible discussion system available using the DICENTIS Wireless Access Point (WAP) as control unit. With minimal time required for set-up, several events can take place in sequence, leading to increased efficiency in planning meetings.

To ensure the most enjoyable and efficient meeting, the DICENTIS Wireless Conference System co-exists with other networks. It is designed to avoid interference issues from other wireless networks in the area, such as mobile phones and wireless access points for Wi-Fi networks.

The DICENTIS Wireless Conference System makes it possible to enjoy interference-free conferencing anywhere people meet.

This new system is perfect for applications in multi-purpose rooms and historical buildings where a flexible wireless solution offers significant advantages.

Wireless devices

Choice of wireless devices

Two different devices are available: the Wireless Device and the Wireless Device Extended, which has a 4.3-inch capacitive touch-screen for fast, intuitive use. A company logo can be uploaded to customize the device; an appealing feature for organizations and rental companies. Another useful feature includes the possibility to identify speakers. Moreover, these devices can be upgraded with additional software modules like voting, identification and dual use to further expand their functionality.

Elegant design

The DICENTIS Wireless Conference System reflects Bosch's many years of experience in designing state-of-the-art conferencing equipment. The aesthetic design of the Wireless Device Extended, recognized by the iF Design Award 2015, complements any interior, from traditional, centuries-old structures to new, ultra-modern, multi-purpose buildings. The system is built with high-end finishing materials, giving it a modern yet trendy look.
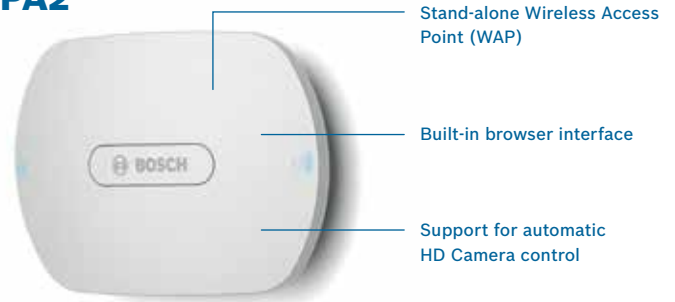
Discrete unobtrusive microphone. Pluggable short-stem or long-stem microphone also available.

Built-in Near Field Communication (NFC) Reader for contactless smart card.

Excellent speech intelligibility.

Timeless design in high-end finishing materials.

4.3-inch touch-screen with straightforward user interface in original languages and all standard international characters.

Personalize with own company logo.

iF DESIGN AWARD 2015

Software configurable participant or chairperson wireless device.

WAP as Control Unit

WPA2

The WAP can be placed almost anywhere - attached to a wall or ceiling, placed on a tripod or left free-standing. For basic system set-ups or for use as a wireless standalone system, the WAP functions as a controller, negating the need for an additional control unit. Individual wireless discussion devices can be added or rearranged simply by moving them. The WAP includes a built-in browser interface that enables true wireless connectivity and offers support for automatic control.

Stand-alone Wireless Access Point (WAP)

Built-in browser interface

Support for automatic HD Camera control

High-level security

All signals within the DICENTIS Wireless Conference System are encrypted with WPA2, a highly secure standard encryption method used by mobile devices to guarantee protection against tapping or eavesdropping. As the system uses standard Wi-Fi, it can follow the WPA2 standards as they evolve.

A subscription mode is available, to allow wireless devices to be added easily to the system. Even if the administrator or operator forgets to close the subscription process, the system features automatic subscription blocking. Bosch has gone to considerable lengths to make sure that the information within this system remains secure and confidential.

Meeting continuity

Optionally, two WAPs can be set up to create wireless redundancy and maximize reliable communication. This ensures meeting continuity, because if one WAP fails the other takes over. Unique in the market is that this system does not require extra wiring between the WAPs.

Easy camera configuration

Support for automatic camera control of up to 6 Bosch HD Conference Dome cameras means there is no need for third-party software applications. Configuration of these cameras can be done via a built-in browser interface. If only one camera is used, no additional hardware is required.

Smooth configuration and control of system
A built-in browser interface provides extended functionality and tablet control. True wireless connectivity enables direct connection to the WAP with any tablet or laptop and without the need for additional equipment, such as a router.

Convenience for all

Easy to install
The system can be up and running very quickly. An installation wizard guides the installer through first-time set-up quickly and easily, with only a WAP, a tablet or laptop, and the Wireless Devices needed. Once set up, other devices can be quickly and easily added to the system.

Easy to maintain
The Wireless Devices use smart battery management and lithium-ion batteries, which have virtually no charge degradation during their long life. A fully charged battery lasts for up to 24 hours, which is far longer than most meetings or conferences last. An administrator can keep track of the power consumption of all active discussion devices via the browser interface, and even see how often a battery pack has been used. Batteries are easy to remove and replace.

Easy to manage
The system is based on standard Wi-Fi according to the IEEE 802.11n standard, so is easy for IT staff to understand and manage. It operates in 2.4 and 5 GHz and is always visible in the wireless infrastructure. Other Wi-Fi access points will recognize the DICENTIS WAP and can avoid using the same channel, preventing the traditional "battle for bandwidth".

Easy to use
No special training is required. The chairperson can manage the entire conference on the browser interface of his or her mobile device (tablet or laptop). This includes managing speaking rights and voting.

The 4.3-inch touch-screen gives participants clear, distraction-free guidance on its operation. This user interface supports the original languages of the participants and displays all standard international characters. In the browser interface of the DICENTIS WAP, devices can be given a seat name and a list of participants can be defined. For Wireless Device Extended this includes the use of a Near Field Communication (NFC) card for identification of the places around the conference table.

Smart battery management
A fully charged battery lasts for up to 24 hours. The battery status is indicated by the LEDs on the battery pack.

A delightful **conference experience**

Acoustic excellence

The well-renowned audio experience offered by Bosch conferencing systems is again made evident in the DICENTIS Wireless Conferencing System. Several technologies contribute to this, starting with advanced audio processing.
This enables the microphone and loudspeaker to be active at the same time, resulting in a face-to-face meeting experience. The system also makes use of built-in and intelligent Acoustic Feedback Suppression, a Bosch invention that automatically adapts itself to the environment and maximizes speech intelligibility when higher volumes are required.

Another advance is high-directive microphone technology, developed entirely by Bosch. This allows ultra-clear speech without the speaker having to pay attention to the location of the microphone, enhancing the listening pleasure for all participants.

And finally, Packet Loss Concealment allows the system to automatically predict what a damaged or lost packet should be and then fills the gap, resulting in continuous audio without losses. This is a unique capability that no other competitive product offers.

Perfect for
multi-purpose rooms

Conference centers and multi-purpose rooms frequently hold different events, each with different set-ups and configurations. Due to its high degree of flexibility and ease of installation, the DICENTIS Wireless Conference System is perfect for these kinds of applications. It's easy to set up, remove after use, and rearrange in another room. This ensures that rooms and equipment can be used in the most profitable and efficient way.

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For applications where flexibility is required, the DICENTIS Wireless Conference System is the perfect solution. It is even easy to transport to off-site meetings.

Ideal for
historical buildings

The DICENTIS Wireless Conference System can be installed, rearranged and operated with virtually no impact on the integrity of a historical building. No cables have to be laid or holes drilled. This avoids concerns about damaging the building or ruining the aesthetics of a historically significant venue.

The system that grows with **your needs**

Future-proof

An investment in the DICENTIS Wireless Conference System is an investment in the future. Scalable and expandable system design, combined with enhancement possibilities through adding functionalities via software modules, make it a truly future-proof system that can grow with your needs. Future expansion with additional features like voting and language distribution is possible without changing the device, simply by adding the relevant software modules.

1   DICENTIS Wireless Devices Extended
2   DICENTIS Wireless Access Point
3   Bosch HD Conference Dome
4   Power over Ethernet Switch
5   Tablet control via browser interface and WAP

DICENTIS system components

Wireless Device	
	▶ Unique, software configurable device ▶ Interchangeable modes: delegate, chairperson or dual discussion ▶ Microphone mute function ▶ 'Request to speak' indicator ▶ 'Possible to speak' indicator ▶ Available software module: 'Dual use' enables two participants to use one device.
Wireless Device Extended	
	▶ All characteristics of the Wireless Device ▶ Built-in NFC reader for identification via contactless smart card ▶ 4.3-inch capacitive touch-screen ▶ Company logo upload ▶ iF design award winner 2015 ▶ Optional software modules: 'Identification' and 'Voting'
Wireless Access Point (WAP)	
	▶ WPA2 encryption for high-level security ▶ License-free frequency band conforming to IEEE 802.11n ▶ Mountable on ceiling, wall or floor stand ▶ Typical range at least 30 x 30 m (100 x 100 ft) ▶ Intelligent built-in Digital Acoustic Feedback Suppression
Browser interface	
	▶ Easy, intuitive system control via browser interface ▶ Optimized for touch-screen control ▶ All required functions like microphone control, voting management and participants' database ▶ Real-time meeting data including results to support external applications like hall displays or web-casting
Battery pack & charger for five batteries	
	▶ Removable lithium-ion long-life battery packs (up to 24 hours) ▶ Sleep mode setting saves battery operating time ▶ Long service life with no charge degradation ▶ Full recharge in just three hours ▶ Built-in microprocessor controls charging cycle ▶ Simultaneous charging of up to five battery packs
Transport case for eight devices	
	▶ Each case enables transport and storage for WAP and eight Wireless Devices with microphones ▶ Robust and proven construction ▶ Equipment shaped foam interior ▶ Easy to pack, unpack and transport equipment ▶ Roller wheels for convenient transportation and cushion grip handles; trigger release latches
Accessories	
	▶ Option between DICENTIS high-directive microphone, short-stem microphone or long-stem microphone