BOSCH
Invented for life

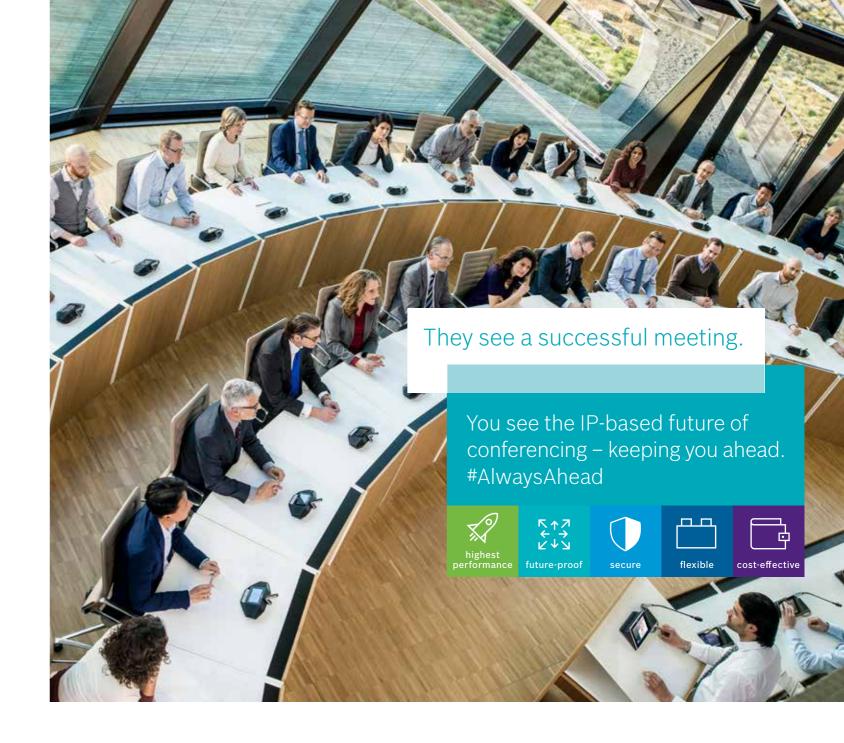# World-class conference solutions
Portfolio overview

Conference Systems by Bosch

Building on true world-class expertise, Bosch Security Systems has led the conference market for over 65 years. How? By addressing customer needs with outstanding products that suit everyone's needs and the promise of continuing to do so for many years to come. As a strong business partner for secure conferencing, Bosch solutions are known for their quality, flexibility and reliability.

The market for conference solutions has changed rapidly over the past few years, moving from standalone systems to more integrated solutions. Modern conference systems must offer much more, in terms of capabilities, security and cost to meet the needs of customers across the market. For instance, next to straightforward discussions and simultaneous interpretation, today's international institutes place greater emphasis on supporting more languages to host even larger international summits in the future. And by doing this, to use equipment complying to the latest standards, ensuring the right quality level to serve simultaneous interpreters in the best way. Customers managing convention centers require greater flexibility in system set-up and integration of third-party systems. They need to be able to easily increase capacities for their larger or more international events.

And for conferences where sensitive and confidential or highly-secure content is discussed, data must be protected against tampering, unauthorized access and eavesdropping.

With these increasingly complex needs, organizations also look for cost reductions, asking to use existing networks or a single cable to share audio, video, meeting data and even internet. These trends all point to the need for a stable partner in conferencing systems, with solutions that meet today's needs while assuring future growth. To highlight latest innovations, this means using secure IP networks for robust and flexible solutions based on IP, Ethernet and software systems. Or reliable wireless solutions for quick-set up and breakdown without impact on location.

They see a successful meeting.

You see the IP-based future of conferencing – keeping you ahead.
#AlwaysAhead

| highest performance | future-proof | secure | flexible | cost-effective |

Solutions for a wide variety of uses, from small local events to international summits

With its extensive history in conference solutions, Bosch has decades of experience in designing state-of-the-art equipment. Today, we offer a range of highly secure and extremely versatile conference solutions for different application areas that vary from small local events to giant international summits.

These systems are the result of intensive collaboration with experienced delegates, interpreters and operators. Working with Bosch engineers and designers, they helped us refine the user experience, a key factor in the development of our product portfolio.

We place flexibility and the user experience at the heart of our products, so that Bosch customers can plan for expansion with adaptability for the years ahead. As a result of advanced engineering and customer input, our systems meet the needs of the entire conference chain, with ease of integration and maintenance that also benefit the system installer.

World-class solutions for meetings and conferences

The result is a revolutionary product portfolio. Ideal for a wide variety of uses, from small to more challenging application areas, you can chose the future proof and fully IP based DICENTIS Conference System or go for the more traditional, DCN Conference System. These systems can be seamlessly integrated with the INTEGRUS Language Distribution System, enhancing ease of use in multi-lingual conferences.

For straightforward, court room and corporate meeting sessions, we have the digital CCS 1000 D Discussion System, where audio recording can be an important requirement. When safe guarding the integrity of the building, quick set-up and breakdown time, the WiFi-based DICENTIS Wireless Conference System is the perfect match.

Functions	DICENTIS Conference System	DICENTIS Wireless Conference System	DCN Conference System	CCS 1000 D Digital Discussion System	INTEGRUS Language Distribution System
Discussion	Yes	Yes	Yes	Yes	n.a
Electronic voting	Yes	Yes	Yes	—	n.a.
Identification	Yes	Yes	Yes	—	n.a.
Language selection	Up to 100 languages + Floor	—	Up to 31 languages + Floor	—	Up to 31 languages + Floor
Interpretation equipment	ISO 20109:2016	—	IEC60914:1988	—	n.a.
Connectivity with INTEGRUS Language Distribution	Yes	Yes	Yes	Yes	n.a.
Flush mounting	—	—	Flush range	—	n.a.
Automatic camera control	Yes	Yes	Yes	Yes	n.a.
Dante™ support	Yes	—	Yes	—	n.a.
Multimedia content	MMD2 range	—	—	—	n.a.
Show customer logo in screen	Yes	Yes	—	—	n.a.
License based expandability	Yes	Yes	—	—	n.a.
Dual usage	Yes	Yes	Yes	—	n.a.
Built-in MP3 Recording	—	—	—	USB and Internal	n.a.
Individual microphone channel outputs	—	—	Yes	Yes	n.a.
Advanced configuration and control by web browser	—	Yes	—	Yes	n.a.
PC software for extended configuration and control	Yes	—	Yes	—	n.a.
Synoptic Microphone Control	Yes	—	Yes	—	n.a.
System Technology	IP	WiFi	Digital (proprietary)	Digital (proprietary)	Digital IR
Maximum System Size (Seats)	750*	120	4000	245	n.a.

*more possible upon request

Ideal for city councils, parliaments, boardrooms, convention centers and rental companies

DICENTIS
Conference System

▶ Open platform based on OMNEO media networking architecture for system flexibility and cost-effective installation and maintenance

▶ License-based expandability for a future-proof system that can easily take on new functionality

▶ Easy integration with supporting systems to provide features such as automatic camera control

▶ Simultaneous interpretation of up to 100 languages

▶ Easy interfacing with third-party Dante audio devices

▶ Optimized user experience for maximum meeting efficiency

▶ Cable and power supply redundancy to ensure meetings are held without system interruption

The DICENTIS Conference System is the revolutionary IP-based platform for the integrated conference world of tomorrow. With an IP- and server-based architecture, it is built on open standards to ensure a high degree of flexibility and enable third-party integration. The system harnesses the most powerful security protection on the market to safeguard sensitive data throughout the conference chain.

Open IP platform based on OMNEO
At its heart, the DICENTIS Conference System makes use of the unique IP-based OMNEO media networking architecture. Developed by Bosch and operating over fully standardized Ethernet networks, it ensures flexibility with cost-effective installation and maintenance. The system even re-uses existing infrastructure and allows for integration of third-party solutions. Because the system is IP based, it is easy to be maintained by the own IT department.

Future expandability with license-based software
With regular software updates, the DICENTIS Conference System easily expands to incorporate newly-developed functionality, without the need for costly hardware replacements. Customers maintain their system through the DICENTIS Software Maintenance Agreement.

Secure and reliable operation
Inherent cable and power supply redundancy protects against data loss in the rare event of system failure, thus guaranteeing meeting continuity. In addition, all audio and control data running through the system are securely encrypted by proven industry technologies, satisfying the most stringent and internationally recognized standards. This protects data against tampering and unauthorized access—essential in highly-sensitive meeting situations.

User-experience optimized conference devices
DICENTIS Conference Systems are designed to maximize meeting efficiency, and to meet the unique requirements of different organizations. A wide variety of conference devices with specific functions are available, each designed for optimal user experience.

DICENTIS System server
Operated without keyboard, monitor or mouse and runs all the DICENTIS services

DICENTIS Interpreter desk
Simultaneous interpreting in multi-language conferences with or without video output

DICENTIS Discussion device with voting
Discussion, user identification, quick and easy voting via colored voting touch buttons

DICENTIS Audio processor and powering switch
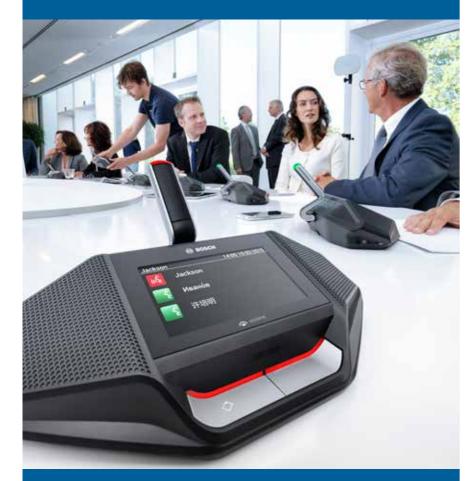Central equipment that provides power to all DICENTIS Conference devices

DICENTIS Discussion device
Request to speak functionality and dual discussion

DICENTIS Multimedia device
Discussion, user identification, language selection, voting, participant list control, live video feed, Internet access and much more

DICENTIS Discussion device with touchscreen
Discussion, User identification, language selection, voting, full dual use and speaker request list in native characters. A company logo can be uploaded to customize the device

DICENTIS Discussion device with language selector
Discussion, user identification, language selection, dual discussion and dual identification

Inform. Impress. Inspire.

Ideal for conference centers, multi-purpose rooms, historical buildings and rental companies

DICENTIS Wireless Conference System

▶ Secure Wi-Fi technology for co-existence with other Wi-Fi networks

▶ Smart wireless management to ensure interference-free wireless conferencing

▶ Touchscreen wireless devices with built-in NFC reader for a superb meeting experience and functional expandability

▶ True wireless connectivity for easy control and redundancy

Conference centers and multi-purpose rooms frequently hold events with different set-ups and configurations. Due to its high degree of flexibility and ease of installation, the DICENTIS Wireless Conference System, based on standard Wi-Fi technology, is the perfect solution. Because the system is wireless, it can be installed, easily repositioned and operated in multi-purpose rooms and historical buildings with virtually no impact on the location's integrity.

Interference-free wireless conferencing
The DICENTIS Wireless Conference System co-exists with other networks. It is securely designed to avoid interference issues from other wireless networks in the area, including mobile phones and wireless access points.

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 that functions as a controller, a tablet or laptop, and the wireless devices needed. With minimal time required for set-up, multiple events can take place in sequence, allowing increased efficiency in planning meetings.

Easy to use
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.

Secure, reliable operation and meeting continuity
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 wiretapping or eavesdropping.

DICENTIS Wireless access point
The WAP can be configured simply as a controller for a standalone system. Or it can be used for WAP redundancy, as a primary or secondary WAP to ensure meeting continuity

DICENTIS Wireless discussion device with touchscreen
Discussion, user identification, language selection, voting, full dual use and speaker request list in native characters. A company logo can be uploaded to customize the device

DICENTIS Wireless discussion device
Discussion and dual use, with a choice of three pluggable microphones. A fully charged battery lasts for up to 24 hours

Maximum flexibility. Zero interference.

Ideal for applications that require flush-mounted conference devices

The DCN Conference System uses Digital Congress Network (DCN) technology to handle speaking and listening. It can be used as an integrated desktop or flush-mounted system to facilitate and manage international conferences, from small to complex set-ups.

Add style and comfort with flush mounting
For an installation that blends with the venue décor, choose flush-mounted conference devices, which can be built into tables or arm-rests. This adds an organized and uncluttered feel to the venue, giving extra usable space for better delegate comfort.

System expansion
The system supports up to 4,000 delegate units and is compatible with a wide range of external components such as cameras, public address systems, touchscreen controllers and video conferencing interfaces.

Audio expanders and OMNEO interfaces can be connected for audio logging and/or distributing audio to other rooms.

Many features - multiple benefits
The system is expandable with the DCN Conference Software Suite that offers wide control and customization, with options including synoptic layout, delegate numbers, interpreters, agenda, speaker lists and voting sessions. It also includes data options including XML streams for advanced logging, and API functionality for interfacing with third-party applications.

DCN Conference System

▶ Central devices are connected through a loss-free high-speed fiber optic cable, creating a secure and redundant backbone

▶ 31 interpretation channels, plus floor

▶ Easy integration with INTEGRUS for wireless distribution of the language channels

▶ Modular flush-mount pannels

DCN Dark Discussion range
Available with different functionalities, such as discussion, language selection, voting.

DCN Interpreter desk
Up to 31 interpretation channels and original floor language

DCN Central Control unit
Operates with or without application software

OMNEO Dante interface
For audio logging and/or distributing audio to other rooms

DCN Discussion range
Available with different functionalities, such as discussion, language selection, voting.

DCN Flush-mount device
Enables tailor-made fixed installations to be built into tables and arm rests

Talk about perfection.

Ideal for town halls, local business centers and courtrooms

The digital CCS 1000 D Discussion System is a standalone system and is easy and fast to set-up due to front panel controls on the control unit.

CCS 1000 D
Digital Discussion System

▶ Excellent speech intelligibility with built-in Digital Acoustic Feedback Suppression

▶ Built-in audio recording on internal memory and/or USB memory stick

▶ On-board support for automatic HD camera control

▶ Extended configuration and control via built-in web server

▶ "Energy saving mode" for automatic switch-off after two hours of inactivity

▶ Four individual outputs for courtroom optimization

Easy discussion control via built-in web browser
For more advanced configuration and meeting control, a laptop or tablet can be used with the system's built-in web browser. The chairperson manages the discussions by remotely activating or deactivating participant microphones and shifting participants from the waiting list to the speaker list.

Excellent speech intelligibility
The system delivers excellent speech intelligibility thanks to advanced digital audio processing and superior microphone and loudspeaker performance. The loudspeaker and the microphone are activated simultaneously to create a more natural face-to-face meeting feel, encouraging participants to more easily take part in the meeting.

Built-in and external audio recording
The audio of the entire meeting can be recorded with the built in MP3 recorder (the floor plus one individual channel). This makes it possible to archive meetings electronically, with no need to manually record the meeting with an external device. The control unit's internal memory can record up to 8 hours of discussion, and store up to 4,000 hours of discussion on a single USB stick.

CCS 1000 D Discussion device
The CCS 1000 D discussion device can be easily configured as a two button chairperson device

CCS 1000 D Discussion device
Enables participants to speak and listen to the proceedings

CCS 1000 D Control unit
Controls the cameras, and interfaces with external equipment; an extension unit can be added to provide extra power in case of larger systems

Compact yet versatile.

Ideal for conference centers, international organizations and rental companies

INTEGRUS
Language Distribution System

▶ Advanced digital technology immune to interference from lighting for a superior listening experience

▶ Confidential meetings using infrared audio distribution

▶ User-friendly selection of up to 32 channels

▶ Easy integration with Bosch Conference Systems

▶ Hassle-free operation and maintenance with long battery lifetime

The INTEGRUS Language Distribution System is a fully digital infrared solution. Specifically designed for multilingual meeting set-ups, it enables delegates to perfectly understand the speaker in their own language. Simultaneous interpretation of presentations and speeches is transmitted to the delegate's pocket receiver and headphones. Because it is an infrared system, conference or meeting participants can move freely around the location and still follow proceedings. The INTEGRUS Language Distribution system can be used with all Conference Systems from Bosch.

Secure infrared language distribution with no interference from lighting
Operating at a higher frequency band than lighting systems, INTEGRUS suffers no interference. Even when used in direct sunlight, there is no impact on sound quality. As the INTEGRUS infrared signals cannot pass through solid structures, walls or ceilings, conference integrity can be ensured. This makes INTEGRUS an ideal choice for meetings involving secure, sensitive or confidential subject matter. For conference venues with multiple rooms, the physical boundaries of infrared signals ensure that there is no interference between separate conferences or sessions.

Superior audio quality
Thanks to Bosch IR digital technology, sound reproduction is incredibly faithful, with superior quality and a signal/noise ratio of more than 80 dB. Audio quality is further enhanced when INTEGRUS is used with Bosch Conference Systems.

Optimal battery performance
The pocket receivers electronically manage their own charging process to offer best possible charging performance and maximum battery life. The charging units can accommodate up to 56 receivers and a full charge in 105 minutes. A fully charged battery lasts for up to 200 hours operation with alkaline batteries and up to 75 hours operation with battery pack.

INTEGRUS Radiator
Fanless cooling offers silent operation, expandable for maximum coverage

INTEGRUS Transmitter
Easy interfacing with Bosch conference solutions and third-party audio sources

INTEGRUS Lightweight neckband headphones
Wide range of headphones available with high quality sound reproduction

INTEGRUS Pocket receiver
Wireless convenience with superior listening experience

The language of perfection.