

# The Romanian Academy gains the benefits of a professional Wireless Digital Congress Network



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Invented for life

## Industry:

Culture establishment

## End User:

The Romanian Academy

The Romanian Academy, initially known as the Romanian Literary Society, was founded on 1/13 April 1866 and was from the very beginning a national, encyclopedic and active society. During the longest part of its activity, the Romanian Academy succeeded in being the main forum of reflection and intellectual creation, both literary and artistic, of the Romanian people. The most important conference room of the Romanian Academy building is the Aula Magna Hall, an old historical hall and also a symbol of the Romanian culture.

## Business Objective:

The implementation of a wireless discussion system in the Aula Magna Hall was mandatory, in order to avoid the unaesthetic wires and to protect the unique architecture of the hall against wall drilling. A further reason for choosing Bosch wireless discussion systems, was the quick installation time of the system, which gives the end user the possibility to relocate the whole system in a very short time frame.

## Solution:

The audio/visual equipment (Wireless Digital Congress Network and Allegiant Video Control) was supplied and installed by Lotus Telecom, one of Bosch Romania partners with a high level of experience in audio business.

The conference system comprised 42 wireless dual delegate units and the video system is based on Allegiant Matrix with two Autodome cameras. Any delegate unit can be configured as a chairman unit. Beside the hardware part (Central Unit, delegate units, video equipment), the project is defined with a software module for a special application, which automatically video tracks the active delegates. The video output of the video matrix provides video signal to a plasma display and to the VGA projector. In this way, the auditorium and the delegates can easily watch the current speaker. Thanks to the priority function, the chairman can temporary or permanently turn off the active delegates or the delegates, which are in request to speak. The wireless network is provided by WAP (Wireless Access Point), a special device with optical connection to the Central Unit. All signals within the DCN Wireless system are digitally protected against tapping or eavesdropping. The sound quality of the installed system is first rate, that means up to 20 KHz. Additionally, is the entire system protected against interference from other mobile equipment using Wi-Fi, Bluetooth or microwave signals.



Romanian Academy - Aula Magna

Being a mobile phone-proof system, participants can leave their mobile phones switched on during meetings without disrupting the signal of the discussion system.

The batteries maintenance is easy, thanks to the five slots chargers. The Li-Ion batteries offer a great reliability, a long life time (up to 20 h) and a short recharge time.

## Result:

The project was finished in the second half of 2008, since then the system provides constantly safe and clear communication for high level discussion meetings.

The high level of professionalism and reliability of the Bosch DCN wireless discussion system greatly contributes to the success of many conferences and meetings of the Romanian Academy.

## Installed by:

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