

# Bosch Wireless DCN System for Senat Hall in Iuliu Hatieganu University



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Invented for life

## Industry:

Education

## End User:

### Iuliu Hatieganu University

The Iuliu Hatieganu University for medical studies has a long tradition in Cluj. The interest for medical science started in the Middle Ages and has been continuously developed until today. Many professors of this university have enjoyed appreciation and prestige. For example, Victor Babes, a well-known specialist in the field of microbiology; Iuliu Moldovan, a pioneer in public sanitary policies and Iuliu Hatieganu, the brightest clinician in Transylvania.

## Business Objective:

The Senat Hall of the Iuliu Hatieganu University in Cluj-Napoca is located in the new wing of the Iuliu Hatieganu University. Because of the modern furniture it was mandatory to implement a congress system with mostly wireless components in order to avoid disturbance in esthetics. Another reason for choosing BOSCH wireless congress system is the need for flexibility and short installation time.

## Solution:

The audio visual equipment Wireless Digital Congress Network was supplied and installed by Alloprotect, a BOSCH Partner in Romania.

The conference system comprised 24 delegate units, the majority being wireless. Any delegate unit can be configured as a chairman unit. The chairman can temporarily or permanently switch off the active delegates or the delegates who are in request to speak, thanks to the priority function. 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 - up to 20 KHz. BOSCH DCN Wireless is a hybrid system which means that the installed network can easily be expanded in future with an interpretation system by adding interpretation desks and BOSCH Integrus system. A complete range of monitoring software can be applied on the Iuliu Hatieganu University BOSCH DCN system as well.

The entire system is protected against interferences from other mobile equipment using WiFi, Bluetooth, or microwave signals.



Iuliu Hatieganu University

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

The battery maintenance of the wireless units is easy, thanks to the five slots chargers. The batterie technology is Li-Ion, which offers a great reliability, long-term usage (up to 20 h) and a short recharge time.

## Result:

The project was finished at the end of 2009 and fully achieved its objectives: to guarantee safe and clear communication for high level discussion meetings.

The DCN wireless communication system greatly contributed to the success of many conferences and meetings of the Iuliu Hatieganu University.

"Using BOSCH Congress solution combined with the revolutionary wireless technology, the sound quality is at the highest level. The functions of the installed system and the intelligibility level of the acoustics, meet all our requirements. The experts from BOSCH provide us with the best conference solution" said Petru Susca. Vice-Manaer of Iuliu Hatieganu

## Installed by:

Alloprotect  
40d Fagului street  
400483 Cluj-Napoca, Romania  
[www.alloprotect.ro](http://www.alloprotect.ro)

## Bosch Security Systems Romania

30-34 Horia Macelariu Street  
013937 Bucharest, Romania  
+40 21 405 76 27  
[www.boschsecurity.ro](http://www.boschsecurity.ro)