

DIGITAL SYSTEMS AND COMMUNICATION

# Innovative Solutions for Meetings and Videoconferences

Cutting-edge Tools and Systems  
to transform your meetings  
into engaging and efficient experiences.

In medium to large contexts and spaces, **meetings and videoconferences can often be compromised by audio issues**. Traditional microphones tend to capture not only the voices of participants but also room reflections and other unwanted noises. To address these challenges, **it is essential to equip oneself with appropriate tools and systems** that utilize advanced technologies.

Investing in **professional audio solutions** ensures clear and productive communication, **enhancing interaction among participants**.

There are various types of products and technologies developed to improve audio quality in large spaces. Among these, **ceiling microphones and beamforming microphones represent effective solutions**.

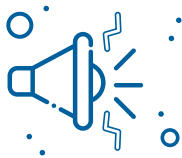
**Beamforming microphones are advanced devices that integrate multiple microphones into a single system**. This technology allows for focusing on sound coming from specific directions, **isolating participants' voices and minimizing environmental disturbances**. Their ability to filter out unwanted noises significantly enhances the audio experience during meetings.

## CUSTOM DESIGN FOR EVERY ENVIRONMENT

It is essential to choose the most suitable tools based on the specific characteristics of each environment. Synteg SA adopts **a consulting and custom design approach**, analyzing the environments and needs of each context **to provide targeted solutions**. They not only handle the **selection of devices** but also their **strategic positioning** and **optimization** of their use. This ensures clients receive high-quality, user-friendly tools.

## ADVANTAGES OF BEAMFORMING MICROPHONES

Synteg SA offers the installation of audio systems that provide benefits for their clients, such as beamforming microphones and other digital devices that enable audio processing.



### 1. Sound Isolation

Focus the audio on the voices of participants, minimizing interference.



### 2. Noise Filtering

Significant reduction of background noise, ensuring clear and clean audio transmissions

## INTEGRATION WITH AUDIO CORRECTION SYSTEMS

In situations where audio disturbances are particularly complex, it is possible **to combine the use of high-performance microphones with passive audio correction systems**, such as sound-absorbing panels. These devices further **improve the acoustics of the environment**, creating a more favorable space for communication.

Investing in the right audio technology is crucial for ensuring productive and efficient meetings and videoconferences. **With the expertise of Synteg SA, you can rely on customized solutions that optimize interaction and improve communication effectiveness in your workspaces.**

