



White Paper:
Arthur Holm Hybrid Meeting
Room Architecture

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ARTHUR HOLM

Make **YourMeetings**Count



Arthur Holm Hybrid Meeting Room Architecture

Executive Summary

Hybrid collaboration has rapidly become the standard operating model for modern organizations. Meetings are no longer confined to physical spaces; instead, they must seamlessly connect in-room participants with remote attendees while maintaining a natural, productive interaction environment.

However, many meeting rooms remain cluttered with visible technology: tabletop microphones, wall-mounted monitors, wall-mounted cameras, cables, and multiple control devices. While functional, these environments often compromise the aesthetics of the space and the comfort of the participants.

Arthur Holm proposes a new approach to hybrid meeting environments — one where technology is **fully integrated into the furniture and architecture of the room**, appearing only when required and remaining invisible when not in use.

This white paper presents the **Arthur Holm Hybrid Meeting Room Architecture**, a premium integrated solution built around:

- ▶ DB3Talk or DX2Talk motorized touch monitors
- ▶ Integrated retractable cameras
- ▶ Embedded computing systems (compatible with multimedia softwares)
- ▶ DynamicSpeaker: Motorized loudspeaker technology
- ▶ AHConnect connectivity solutions

The result is a **high-performance hybrid meeting environment** that combines advanced collaboration technology with refined architectural design.



1. The Evolution of the Hybrid Meeting Room

Hybrid meetings are now the default collaboration model across enterprises, government institutions, universities, and corporate headquarters. Participants expect to interact naturally regardless of their physical location.

To support this model, meeting rooms must integrate multiple technologies, including:

- ▶ Video conferencing platforms
- ▶ Audio capture and reinforcement systems
- ▶ Video displays
- ▶ Content sharing tools
- ▶ Collaboration software
- ▶ Scheduling and room management systems

Common platforms include:

- ▶ Microsoft Teams
- ▶ Zoom
- ▶ Webex
- ▶ Google Meet
- ▶ Other conferencing environments

However, the rapid adoption of hybrid collaboration has created a new challenge: **technology overload in meeting rooms.**

Typical rooms now include numerous visible components:

- ▶ Table microphones
- ▶ External conference cameras
- ▶ Wall displays
- ▶ Ceiling and wall Loudspeakers
- ▶ Control panels
- ▶ Multiple cables and adapters

While effective, this hardware-heavy approach often reduces the elegance and usability of executive meeting spaces.

A new design philosophy is emerging — one where **technology integrates seamlessly into the physical environment rather than dominating it.**



2. Rethinking Meeting Room Design

Arthur Holm approaches hybrid meeting room design from an architectural perspective.

Instead of placing devices around the room, the technology becomes **part of the furniture itself**.

The core principle is simple:

Technology should be available instantly when required and disappear completely when not needed.

This approach delivers three major advantages:

Architectural Integration

Technology becomes part of the table design, preserving the aesthetics of the room.

Operational Simplicity

Participants interact with a single integrated system rather than multiple devices.

Enhanced Meeting Experience

Participants communicate naturally without technological distractions.



3. Arthur Holm Hybrid Meeting Room Architecture

Arthur Holm's hybrid meeting solution integrates multiple technologies directly into the meeting table.

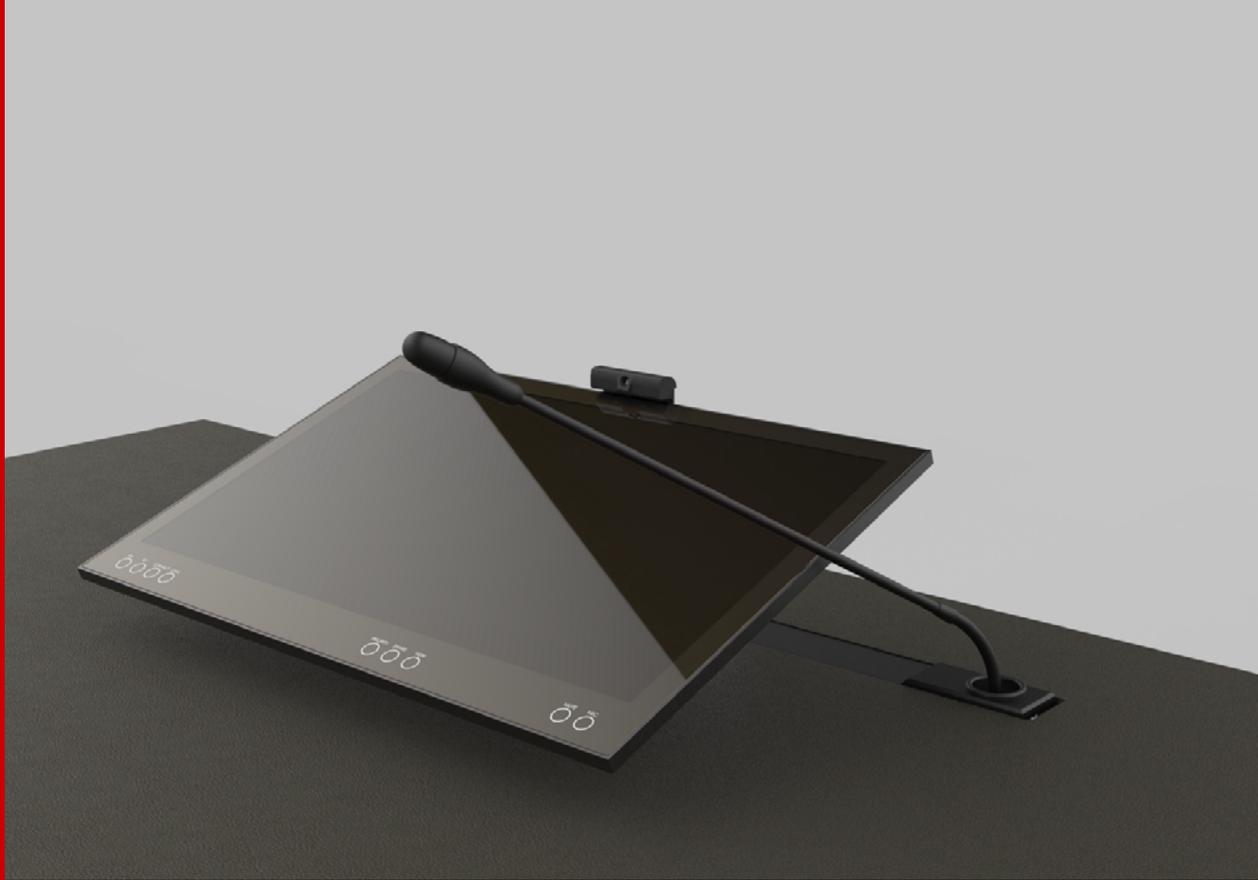
The architecture typically includes:

- ▶ DB3Talk or DX2Talk motorized touch monitors for each participant
- ▶ Integrated retractable cameras
- ▶ Built-in or connected computing devices
- ▶ DynamicSpeaker motorized loudspeakers
- ▶ AHConnect connectivity modules
- ▶ Optional front-of-room displays for shared content

Together, these elements form a **fully integrated hybrid collaboration environment**.

Rather than distributing equipment around the room, the table becomes the **central collaboration hub**.





4. Core Technology Components

DB3Talk Motorized Touch Monitor

The DB3Talk or the DX2Talk monitor serves as the **primary interaction interface for each participant**.

Integrated directly into the meeting table, the monitor remains hidden beneath the surface until activated.

When deployed, it provides:

- ▶ A personal monitor
- ▶ Meeting control interface
- ▶ Content sharing capabilities
- ▶ Integrated microphone input
- ▶ Laptop connectivity through a retractable USB-C cable

The motorized system allows the monitor to rise smoothly from the table and enables users to adjust the viewing angle for optimal comfort.

When the meeting ends, the entire system retracts seamlessly into the table, leaving the surface completely clear.



Integrated Retractable Camera

Video communication is a fundamental component of hybrid meetings. However, conventional camera installations often involve wall-mounted devices that disrupt the room's design. Arthur Holm integrates the camera directly within the table system.

Key advantages include:

- ▶ Natural eye-level communication with remote participants
- ▶ Automatic deployment during meetings
- ▶ Motorized retraction for privacy and security
- ▶ Elimination of visible wall-mounted cameras

This approach enhances both **visual communication and architectural integration.**

Embedded Computing Platform

The Arthur Holm architecture supports integration with computing devices capable of running modern collaboration platforms and multimedia software solutions.

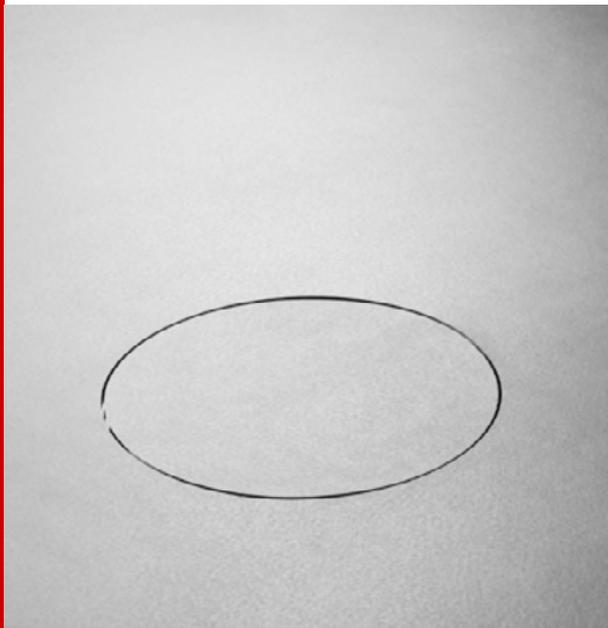
These systems:

- ▶ Run conferencing applications such as Teams, Zoom, and Webex
- ▶ Are compatible with multimedia software solutions
- ▶ Connect to corporate networks
- ▶ Interface with scheduling platforms
- ▶ Enable fast meeting launch and management

Standard connectivity includes:

- ▶ LAN network integration (AHnet)
- ▶ USB for cameras and peripherals
- ▶ HDMI/DVI video outputs
- ▶ Integration with external displays

This ensures compatibility with **existing IT and AV infrastructures.**



DynamicSpeaker Motorized Loudspeaker

The DynamicSpeaker system provides **high-quality room audio while maintaining architectural elegance.**

Installed directly into the meeting table, the loudspeaker remains hidden until audio playback begins.

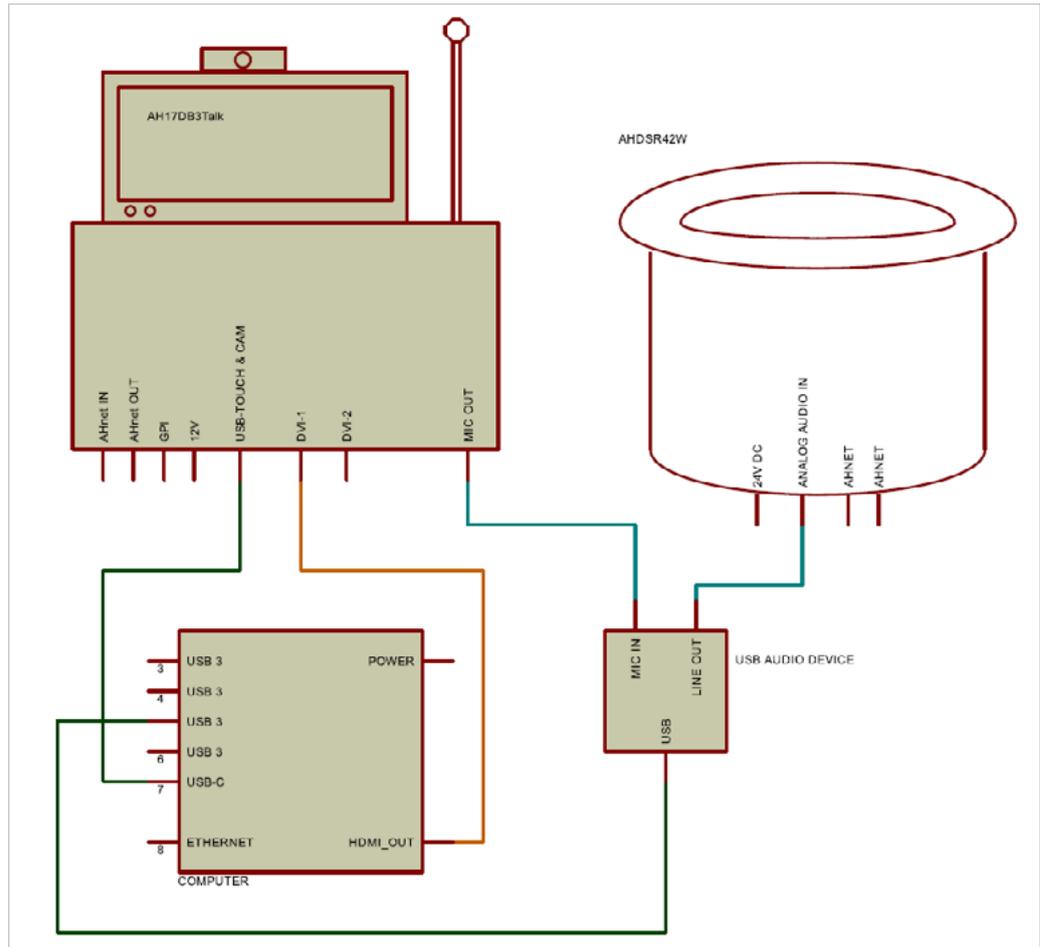
When activated, the speaker rises smoothly to deliver clear and evenly distributed sound throughout the room.

Key features include:

- ▶ Motorized elevation and retraction
- ▶ Optimized speech intelligibility
- ▶ Integration with room DSP systems
- ▶ Reduced need for visible wall-mounted loudspeakers

The result is **balanced audio performance without visual clutter.**

5. System Operation



The integrated architecture follows a straightforward workflow:

1. A participant activates the DB3Talk monitor.
2. The system deploys the monitor, camera, and connectivity interface.
3. The conferencing platform launches on the computing device.
4. Audio is captured through the DB3Talk microphone system.
5. Audio output is delivered through the DynamicSpeaker system.

This workflow allows participants to **start and manage meetings quickly and intuitively**.

6. Benefits of the Arthur Holm Hybrid Meeting Architecture

Architectural Elegance

By integrating technology into the meeting table, the system eliminates:

- ▶ Visible microphones
- ▶ External cameras
- ▶ Cable clutter
- ▶ External control hardware

The result is a **clean, refined meeting environment**.

Executive-Level Meeting Experience

Each participant benefits from:

- ▶ A personal monitor
- ▶ Direct collaboration interface
- ▶ Natural video communication
- ▶ Premium motorized technology

This enhances engagement and meeting productivity.

Privacy and Security

Motorized retraction mechanisms ensure that cameras, monitors, and speakers remain **hidden when not in use**, supporting privacy and reducing visual distraction.

Optimized Hybrid Collaboration

The architecture enables high-quality hybrid meetings through:

- ▶ Individual interaction points
- ▶ Clear audio capture and reproduction
- ▶ Natural engagement with remote participants

Space Efficiency

Integrating the system within the meeting table reduces the need for multiple external devices and simplifies the room layout.

7. Connectivity and Integration

To complement the hybrid meeting environment, Arthur Holm provides **AHConnect connectivity solutions**, enabling elegant access to power, data, and multimedia connections directly from the meeting table.

These modules ensure that participants can easily connect laptops, mobile devices, and external content sources while maintaining the overall design integrity of the room.

Conclusion

As hybrid collaboration becomes the new standard, organizations must rethink how meeting spaces are designed.

Arthur Holm's Hybrid Meeting Room Architecture transforms traditional meeting environments into **fully integrated collaboration spaces** where technology enhances the meeting experience without dominating the room.

By combining:

- ▶ DB3Talk or DX2Talk motorized touch monitors
- ▶ Integrated retractable cameras
- ▶ Embedded computing systems
- ▶ DynamicSpeaker motorized loudspeakers
- ▶ AHConnect connectivity solutions

Arthur Holm delivers a meeting environment that provides:

- ▶ Seamless compatibility with major conferencing platforms
- ▶ Premium audio-visual performance
- ▶ Architectural integration of technology
- ▶ A distinctive and memorable meeting experience

The result is a **future-ready hybrid meeting room where technology works invisibly in support of communication and collaboration, inspires and helps decision making.**



contact

Arthur Holm
marketing@arthurholm.com
<http://www.arthurholm.com>


ARTHUR HOLM