

UNIFIED COMMUNICATION & COLLABORATION SYSTEMS: EMPOWERING INTELLIGENT MEETING SPACES

Workplaces have evolved beyond traditional office walls. Today's workforce operates across offices, homes, client locations, and multiple geographies, making hybrid work a long-term operational model. According to

Meeting rooms and boardrooms have evolved beyond simple video calls into intelligent, unified collaboration environments that enable seamless communication, inclusive participation, and efficient decision-making. As organisations embrace hybrid work, professional AV technology is driving this transformation by establishing new standards for workplace connectivity and productivity.

Unified Collaboration and Communication (UCC) systems are at the forefront of this evolution, transforming traditional meeting room spaces into integrated collaboration hubs designed for modern workplaces. This article examines how workplaces can leverage these technologies to enhance their Indian pro AV infrastructure.



AI generated image

the recent *ACCA India Talent Trends 2026* report, "In India, 79% of respondents prefer a hybrid working pattern, and 53% are already working in a hybrid model". This growing preference reflects a workplace where flexibility and collaboration must coexist without compromising productivity and engagement.

With flexible working model gaining a trend, enterprises are adapting unified communication that measures effective communication between participants more than just seating capacity, internet connectivity, or video quality. Modern meeting rooms, boardrooms, and training rooms are increasingly deploying technologies that can deliver seamless audio, intelligent video conferencing, effortless content sharing, and intuitive room controls, for conversations to remain focused on ideas rather than technical limitations. The integrated technologies simplify device management, improve interoperability, and deliver consistent user experiences across different room sizes or connecting from different geographies.

A modern UCC system that creates an efficient, seamless collaboration ecosystem includes integrated video conferencing, interactive displays, professional audio, AI-powered cameras, wireless content sharing, room scheduling, and cloud-based

collaboration platforms such as Microsoft Teams.

INDIA'S ENTERPRISE AV LANDSCAPE EMBRACES UNIFIED COLLABORATION

India is also witnessing this transformation with corporates redesigning workplaces. Smart technologies are gaining momentum with workplaces focusing on a critical investment in workplace infrastructure and not just an optional upgrade. From corporate headquarters and educational institutions to government organisations and commercial facilities, demand for integrated video conferencing and unified collaboration and communication systems continues to rise.

As this shift accelerates in the Indian market, pro AV brands and solution providers are moving beyond standalone conferencing devices to deliver comprehensive collaboration ecosystems capable of supporting diverse workplace environments across regions. Among the companies contributing to this evolution are **Avinity** and **Yealink**. By combining intelligent video conferencing, AI-driven audio, and seamless platform integration, their portfolio reflects the industry's transition towards connected collaboration



AVNShare-BYOM-Pro - Avinity's flagship wireless conferencing and collaboration system

hubs rather than conventional conferencing spaces.

AVINITY'S AVNSHARE – BYOM-PRO FOR HYBRID WIRELESS VIDEO CONFERENCING

The AVNShare-BYOM-Pro is Avinity's flagship wireless conferencing and collaboration system designed for executive boardrooms, large meeting spaces, and enterprise hybrid workplaces. Unlike single-output systems, the BYOM-Pro drives two independent displays simultaneously—a main 4K@60Hz output for video conferencing and a secondary 1080p output for presentation content, each with independent touch control.

Key Features:

- **Dual Independent HDMI Outputs:** Main output supports 4K@60Hz for video conferencing; secondary output supports 1080p for presentations or content sharing
- **Seamless Integration:** Dedicated HDMI input with USB UVC passthrough integrates directly with Room PCs, Microsoft Teams Rooms, Zoom Rooms, and other conferencing codecs
- **Intelligent Auto-Switching:** Automatically routes connected USB peripherals to the active participant based on meeting activity
- **Dual Camera Management:** Supports simultaneous connection of two USB cameras with instant switching via wireless transmitter
- **Multi-View Display:** Enables up to five simultaneous sources on screen with flexible layout options for collaborative

discussions and presentations

- **Advanced Moderator Control:** Comprehensive interface gives meeting hosts complete control over presentations, layouts, user access, and multi-view configurations
- **Enterprise-Grade Security:** Features RS-232, Telnet, WebGUI, REST API support, multi-level user permissions, AES/RSA encryption, and network isolation modes
- **One-Touch Control:** Smart 3-button wireless transmitters (HDMI and USB-C) enable instant presentation start/stop without software interaction

YEALINK'S COMPLETE VIDEO CONFERENCING ECOSYSTEM FOR MODERN MEETING SPACES

Recognising the challenges enterprises face—fragmented vendors, compatibility issues, complex management, and security vulnerabilities—Yealink's comprehensive video conferencing ecosystem delivers seamless collaboration across hybrid workspaces.

Yealink MeetingBar A50

The MeetingBar A50 is an all-in-one video bar that brings industry-leading AI capabilities to medium and large meeting rooms. With its triple-eye camera system

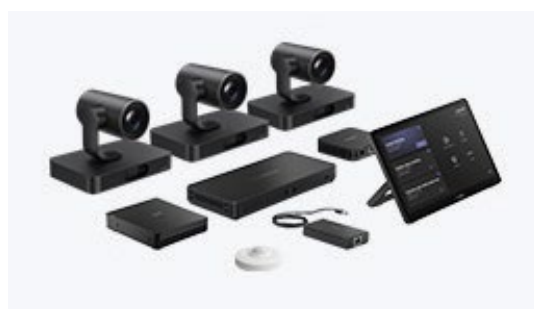


Yealink's MeetingBar A50 - An all-in-one video bar

(3 × 50MP), high-quality audio pickup, and Microsoft MDEP compatibility, it offers effortless deployment with multi-platform flexibility and remote device management.

Yealink MeetingBoard Pro

Available in three sizes (65", 75", and 86"), the MeetingBoard Pro is Yealink's intelligent all-in-one collaboration hub for small to large rooms. It seamlessly



MVC S98 delivers a complete bundle solution combining multiple SmartVision 80 cameras, the MCore 4 AI PC, MTouch Plus control panel, and RoomSensor

integrates video conferencing, HD wireless content sharing, and electronic whiteboarding—all supporting up to 4K video quality. Key features include a triple-eye camera system with AI-powered IntelliFocus and Video Fence, Pro Sound technology with 12-meter full duplex and advanced noise cancellation, dual-solution support (MTRA/MTRW), and integrated whiteboard collaboration.

Yealink MVC S98

For enterprise-grade performance in sophisticated AV environments, the MVC S98 delivers a complete bundle solution combining multiple SmartVision 80 cameras, the MCore 4 AI PC, MTouch Plus control panel, and RoomSensor—creating a fully integrated system for advanced collaboration spaces.

The SmartVision 80 features a 3+1 eye PTZ camera with 20× optical lens, Qualcomm QCS8550 processor (48 TOPS computing power), NDI | HX3 and Dante compatibility, plus comprehensive AI capabilities including IntelliFocus, Speaker Tracking, and Auto Framing.

The MCore 4 powers the system with Intel Core Ultra 5 (34 TOPS), 16GB DDR5 memory, 256GB SSD, and 4K content sharing support, while the MTouch Plus provides an 11.6-inch control interface with flexible deployment options.

The RoomSensor adds intelligent space management by monitoring occupancy, temperature, humidity, and light levels with Bluetooth BLE 5.2 connectivity.

Together, these solutions form a cohesive ecosystem that simplifies deployment, enhances user experience, and provides centralized IT management across any meeting space configuration.

CONCLUSION

As digital ecosystems expand, UCC platforms are becoming orchestration layers that unify disparate technologies into cohesive experiences. With integrated solutions from brands like Yealink and Avinity, organisations aren't merely deploying conferencing tools—they're building adaptive environments that respond to behavioural patterns, integrate with business workflows, and evolve with organisational needs. Tomorrow's intelligent workplaces will make technology invisible, allowing teams to focus purely on connecting, collaborating, and innovating without technical barriers.