

# Smarter Meetings. Superior Collaboration.

## Edge and Embedded AI Solutions for Video Collaboration

Video meetings with customers, partners, and geographically dispersed teams are now standard practice for optimizing effectiveness. Teams connect from home offices, huddle rooms, remote locations, and boardrooms across continents. However, conventional video tools haven't kept up. Subpar audio-visual quality that lacks intelligent framing, laggy experiences, and complex setups that don't scale well across room types leave employees feeling frustrated and disconnected.

Enterprises need smarter AI-powered solutions that deliver broadcast-quality collaboration, are intuitive, distraction-free, and flexible. Meanwhile, IT teams must support diverse room while prioritizing privacy, compatibility, and a seamless user experience. To make virtual meetings feel natural and inclusive, next-gen video collaboration must be smarter.

### AI-powered Video Collaboration Solutions

Our AI-powered video collaboration solutions are built to support the modern workforce with immersive, intelligent, and scalable video experiences. Built on the Qualcomm Dragonwing™ platform and supported by edge-based AI frameworks, these systems deliver real-time framing, speaker tracking, noise suppression, and easy connectivity across a range of conferencing platforms.

From multi-camera video bars to digital whiteboards and 360° camera/speaker/mic systems, modular solutions powered by Qualcomm® technology adapt to any room size and configuration. With on-device AI, they deliver inclusive, distraction-free meetings that ensure everyone is seen, heard, and engaged, without relying on the cloud for AI inferencing.



## Benefits

- **Immersive Meeting Experiences:** AI-powered camera framing, speaker detection, noise suppression, and HD audio enhance focus and clarity
- **Flexible and Scalable Deployments:** Modular components support diverse setups, from huddle rooms and large boardrooms to bring-your-own-device setups
- **Plug-and-play Simplicity:** Easy integration with leading Android based video conferencing apps, UVC/UAC protocol for BYOD meetings
- **IT Friendly:** Pre-tested with leading video conferencing applications and Microsoft MDEP supported
- **Cinematic AV Quality:** AI-enhanced visuals and audio create immersive, professional meeting experiences across all environments
- **Energy-efficient Design:** Optimized for low power consumption while delivering peak performance

## Use Cases

- **Enterprise Conference Rooms:** Premium, distraction-free experiences in hybrid meetings with real-time video framing
- **Remote Work/Home Offices:** Professional-quality video collaboration in compact form factors
- **Corporate Boardrooms:** Multi-camera setups with AI-driven control and dynamic framing
- **Education and Training Centers:** Enhanced instructor tracking and voice clarity for remote learning

## Powered by Qualcomm® technology

At the core of this solution are our advanced chipsets and AI frameworks that deliver low-latency, high-quality collaboration, at the edge:

- **Dragonwing Platform:** A family of low-power, high-performance system-on-chips (SoCs) designed specifically for edge AI inference in embedded and industrial environments
  - **Chipsets:** Qualcomm® QCS8250, Dragonwing QCS6490, Dragonwing QCS5430, Dragonwing QCS8550, Dragonwing SM6115
- **Hardware Partners:** AmTran (VC5) & Thundercomm (VC3, VC1)

## Ready to Redefine the Meeting Experience?

Turn any room into a smart, AI-driven meeting space with video collaboration powered by Qualcomm Technologies.

**Contact sales to get started**

