AV-over-AIoT Solutions
Empowering an Intelligent Audiovisual Future for All

Networked AV
Industrial Video Conferencing
Edge AI Meets Pro AV

Healthcare / Education / Transportation / Surveillance / Government and many more…
As a pioneer in the AV-over-AIoT (AV-over-IP) field, AREC is committed to providing our customers with advanced and intelligent audiovisual solutions to accelerate their next-generation digital deployment and assist their business or service development for a new future.

The convergence of Pro AV, IoT and AI has opened up innumerable opportunities across industries, especially in the wake of the Covid-19 pandemic. To meet the needs of the innovative video solutions, customers can leverage our strong AV-over-AIoT technologies and expertise, including hardware, software, and cloud platform integration, to create the value-added video solutions and reduce the risk of technology development.

**Industries**

**Healthcare**
Telemedicine, coexistence of virtual and real diagnosis to create the value-added clinic service

**Education**
Hybrid and Blended Learning to provide more flexible and personalized learning experience

**Transportation & Surveillance**
Fleet management, intelligent video surveillance, cloud management and more

**Government & Manufacturing**
Private video conferencing to meet the specific communication needs.
Multiple Audiovisual Services

Private Video Calls/ Video Chat/ Telemedicine
Private and secure one-to-one online video call or with a few participants for real-time video communications.

Classroom and Training Recording
The process of recording classroom lectures or training content as videos and making them available in digital format for students or staff to view online.

Multiple AV Sources Capture and Processing
Capture and processing multiple AV signals and content delivery over the network.

Video on Demand
It is a way that enables viewers to access and watch video content instantly, anytime, anywhere, and on any device.

Successful Case: NTUH Hsin-Chu Branch

NTUH Hsin-Chu Branch has applied the AREC AV-over-AIoT Solutions into clinic visit and Cardiac Catheterization Rooms.

AREC Telemedicine Solution has a high integration capability to achieve coexistence of virtual and real diagnosis to create the value-added clinic service. Combined with the existing registration system and clinic procedures in NTUH Hsin-Chu Branch, with AREC Telemedicine Solution, doctors in the consultation room can see on-site and online patients in turn during the clinic hours.

AREC Video Intercom Solution for Cardiac Catheterization Room has been adopted in NTUH Hsin-Chu Branch. This solution can quickly integrate medical and audio-visual equipment in the cardiac catheterization surgery room, allowing physicians to communicate directly with family members outside the surgery room through one-to-one video intercom solution and provide multiple surgical information. Patients’ family members can also watch the surgical health education videos during the waiting period.