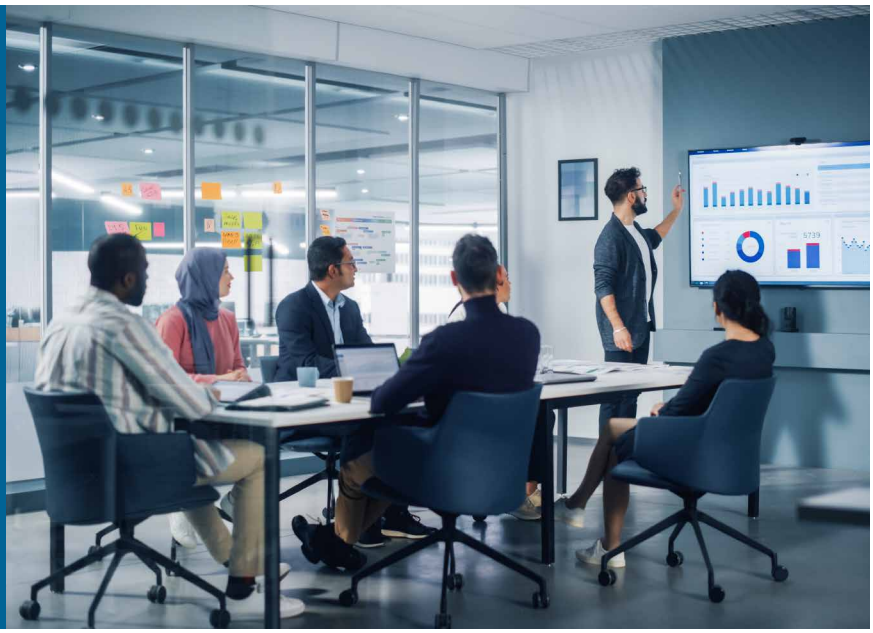
APPLICATION BRIEF

CORPORATE



Microsoft Teams Room with AMX and Yealink

OPPORTUNITY

Microsoft Teams is a leading collaboration and communications platform used in enterprise and educational institutions. Organizations that standardize on Microsoft Teams seek simple to use meeting spaces with standardized user interfaces to enhance user productivity.

While Microsoft Teams provides an excellent collaboration experience and a simple-to-use interface, it does not offer the ability to control non-Microsoft Teams devices. Though smaller spaces may not require more than a camera or soundbar, larger spaces often require additional equipment to deliver optimal audio and video clarity to all meeting participants. For spaces to incorporate sophisticated video switching, audio routing, or environmental systems, a separate control system is required.

SOLUTION

AMX worked with Yealink, a leading 'Certified for Microsoft Teams' rooms hardware manufacturer, to develop complimentary technologies that enable customizable AMX control pages to be seamlessly added to Microsoft Teams Rooms UIs running on the Yealink MTouch II touch panel.

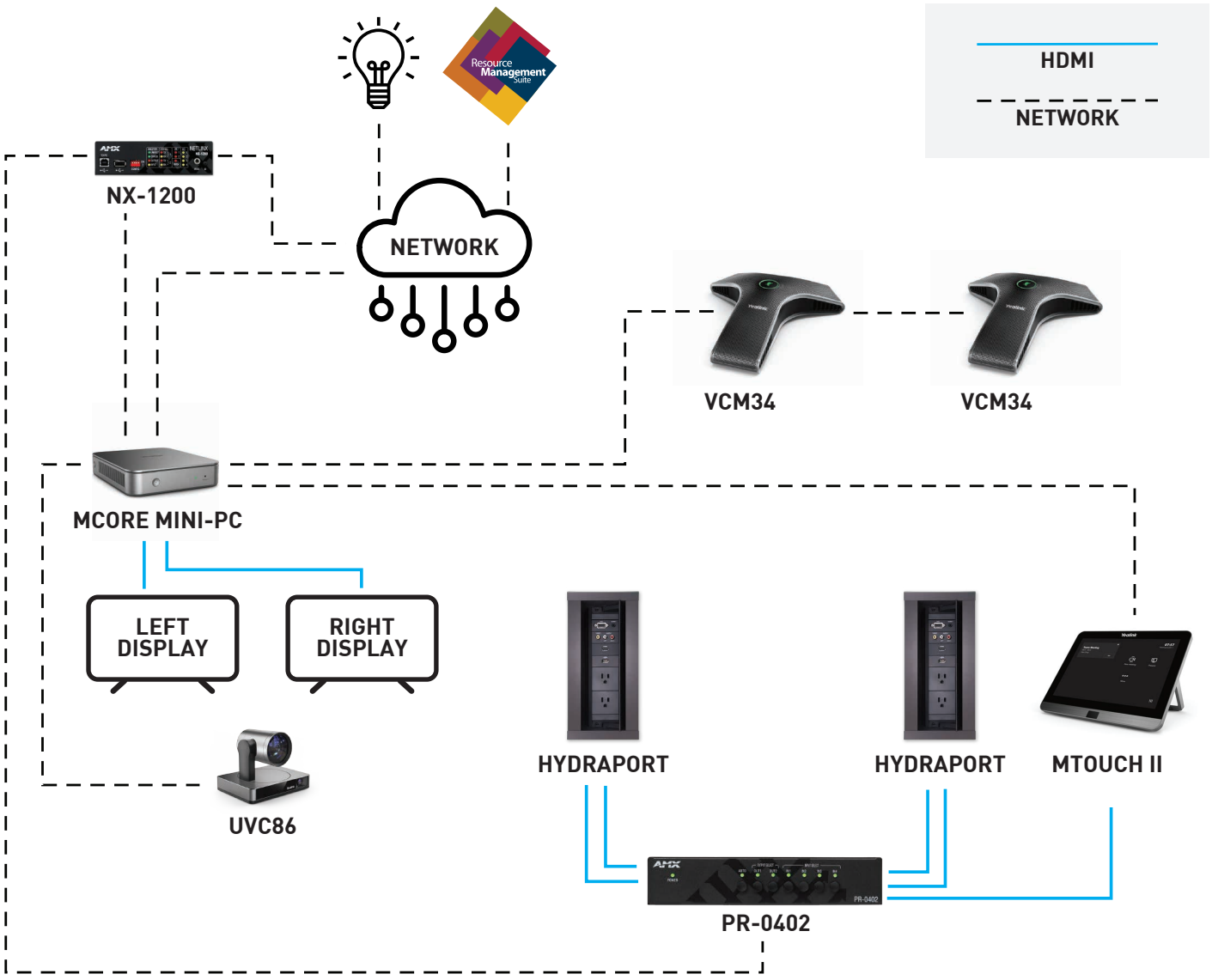
With the addition of an AMX NetLinx NX Controller to any Yealink Teams Rooms MVC solution, control for lighting, temperature control, AV, and more can be added to a Teams Room while preserving the look and feel of the standard Teams UI.

Medium rooms equipped with Yealink 4K PTZ cameras, microphones, MCore mini-PCs, and an MTouch II touch panel can be supplemented with AMX HydraPort connectivity, an AMX Precis 4K60 HDMI switcher, and an NX controller. HydraPort connectivity offers meeting attendees convenient access to HDMI connections to the presentation system as well as USB

and AC power. The AMX Precis HDMI switcher routes connections from an AMX HydraPort to the Yealink MTouch II to allow any attendee to share their laptop content. The custom control UI, enabled through the partnership between Yealink and AMX, makes it simple to switch between table inputs to determine which laptop will be shared in the Teams call as well as the ability to control other room systems such as lighting and temperature control.

Larger rooms can also benefit from similar technologies without any limitations thanks to the flexibility of the AMX NX controller.

YEALINK APPLICATION DIAGRAM



AMX NX-1200 NetLinx NX Integrated Controller

Programmable network appliance specifically designed to control AV and building technology using multiple analog and digital formats.

AMX Precis PR-0402 4x2 4K60 HDMI Switcher

Extremely affordable yet fully featured HDMI video routing solution for small to medium installations. Featuring 4 HDMI inputs and 2 HDMI outputs.

AMX HPX-900 HydraPort 9 Module Connection Port

Modular AV table box for supplying power or connecting mobile devices to projectors or displays in a conference room or classroom.

Yealink UVC86 4K Dual-Eye Tracking Camera

The Yealink UVC86 features a built-in dual 4K camera and a range of AI-driven features, including Auto Framing, Speaker Tracking and Presenter Tracking.

Yealink MCore Mini-PC

The Yealink MCore Mini-PC is a native and easy-to-use video conferencing mini-pc solution that is specially designed for Microsoft Teams or Zoom rooms.

Yealink MTouchII Touch Panel

The Yealink MTouch II Touch Panel connects via Wi-Fi for ease of use. It supports video conferencing systems and features a human motion sensor that detects movement.

Yealink VCM34 Video Conferencing Microphone Array

The Yealink VCM34 is a video conferencing microphone array which can work as the audio input device for the Yealink Video Conferencing System or Yealink UVC PTZ Camera.

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