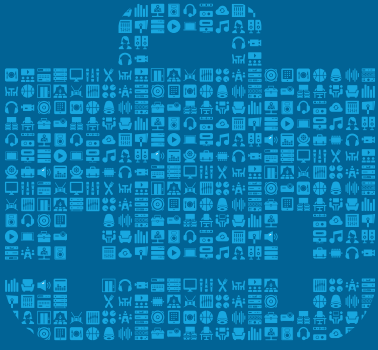# Corporate Hallways & Common Areas with Networked AV

OPPORTUNITY

Communication and ambiance in any corporate facility is enhanced exponentially with clear, intelligible audio and stunning video. There is a lot of opportunity for communication outside cubical and meeting spaces in common areas like hallways, breakrooms, cafeterias, entryways and more.

SOLUTION

HARMAN Professional Solutions delivers technology that can streamline paging, background music, digital communication, and simplified meeting room scheduling throughout hallways and common areas.
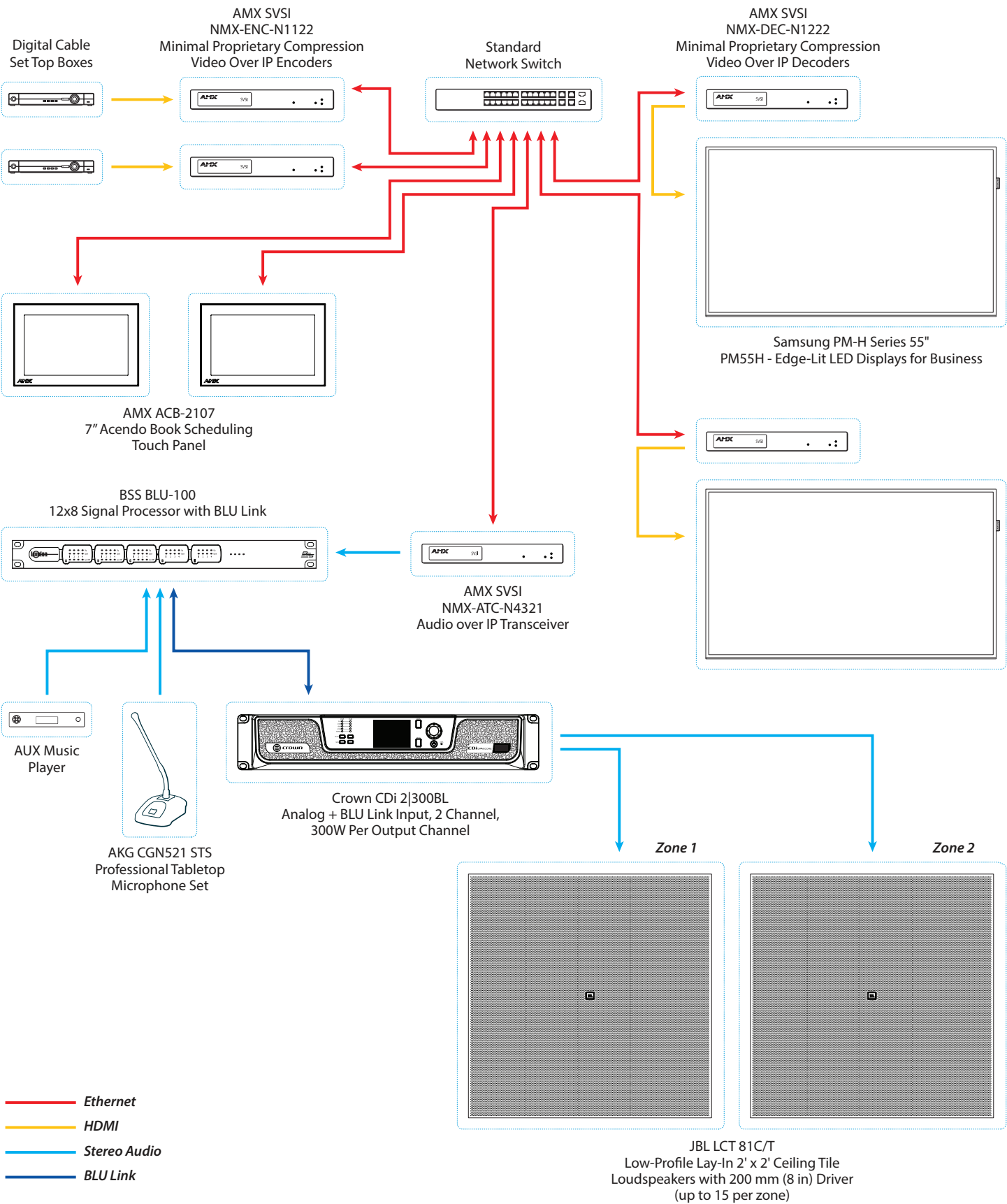
AMX Networked AV N1000 encoders and decoders facilitate live cable distribution over the network that can easily be swapped with urgent or scheduled signage messaging with Samsung Magic Info. In addition, if for any reason the streamed cable signal drops, still images such as corporate branding that are loaded into the N1000 decoders will automatically appear.

A BSS BLU-100 Soundweb London audio signal processor expertly processes and distributes audio to selected zones including paged messages from an AKG CGN521 STS professional tabletop microphone set, background music, and audio that is broken out from the audiovisual content streamed through the N1000 encoders with the assistance of the AMX Networked AV N4321 audio transceiver. Crystal clear, intelligible sound is provided in each zone with a Crown DriveCore amplifier and JBL LCT 81C/T ceiling speakers.

Supporting the flow of business, AMX Acendo Book panels sit beautifully outside each conference room displaying room availability with the room schedule displayed on the panel along with red / green background colors and side bar LEDs to show room availability. They also connect to popular scheduling platforms like Outlook to provide a quick and easy way to book the room right at the touch panel, search nearby room availability, and extend meetings.

HARMAN
A SAMSUNG COMPANY

AKG   AMX   BSS   crown   dbx   JBL PROFESSIONAL   lexicon   Martin   Soundcraft

NETWORKED AV CORPORATE HALLWAYS & COMMON AREAS SYSTEM DIAGRAM

Digital Cable
Set Top Boxes

AMX SVSI
NMX-ENC-N1122
Minimal Proprietary Compression
Video Over IP Encoders

Standard
Network Switch

AMX SVSI
NMX-DEC-N1222
Minimal Proprietary Compression
Video Over IP Decoders

Samsung PM-H Series 55"
PM55H - Edge-Lit LED Displays for Business

AMX ACB-2107
7" Acendo Book Scheduling
Touch Panel

BSS BLU-100
12x8 Signal Processor with BLU Link

AMX SVSI
NMX-ATC-N4321
Audio over IP Transceiver

AUX Music
Player

AKG CGN521 STS
Professional Tabletop
Microphone Set

Crown CDi 2|300BL
Analog + BLU Link Input, 2 Channel,
300W Per Output Channel

Zone 1

Zone 2

JBL LCT 81C/T
Low-Profile Lay-In 2' x 2' Ceiling Tile
Loudspeakers with 200 mm (8 in) Driver
(up to 15 per zone)

Ethernet
HDMI
Stereo Audio
BLU Link

AMX N1000 Series Minimal Proprietary Compression Video over IP

The AMX SVSI N1000 Series Encoders and Decoders packetize video into a minimally compressed IP format to create anywhere from a compact 2x1 presentation switcher up to a large 32x32 large-scale matrix switcher or more with the help of our design experts. The ability to send IP media for distribution using common managed network switches, in any size and configuration, makes N1000 solutions extremely flexible and easy to deploy. The N1000 Series is the perfect solution for low-latency applications such as live in-room presentations.
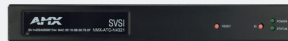
BSS Soundweb London Digital Signal Processors

Used in install sound applications, Soundweb London provides three core functions for audio signals processing, control and distribution. Simplified programs allow designers to assign and define an extensive menu of audio processing choices (called objects) for each incoming channel. Processing capabilities include: mixing / gain (i.e., ambient noise compensator, compressor, ducker, expander, gate, leveler, limiter), crossovers and filters, delay, primitives, graphic and parametric EQ, and more. Those channels can then be connected using a drag-and-drop block diagram. This creates the signal flow that defines the processing, control and distribution of the audio.

AMX Acendo Book Scheduling Panels

These standalone panels include everything you need to locate and book meeting spaces quickly and easily. Integrate directly with room scheduling software like Microsoft Exchange, Office 365, and Google Calendar. User interface background color and built-in room availability bars change between red and green so users can easily locate and book an available room directly from the panel or quickly locate the nearest available room or the next available time.

AMX Audio over IP Transceiver Provides Audio switching and Distribution

The NMX-ATC-N4321 Audio Transceiver is an audio-over-IP solution that both sends and receives two-channel balanced or unbalanced audio over IP. Simply connect a balanced audio input into the IN port and it's converted to IP packets that are switchable and routable éust like data or voice.

JBL Professional LCT 81C/T Low-Profile Lay-In 2' x 2' Ceiling Tile Loudspeaker with 200 mm (8 in) Driver

LCT 81C/T is a full-range ceiling speaker designed to lay into a 2 ft x 2 ft US-style suspended grid ceiling, with no cutting of ceiling tiles required, making for an easy and cost-effective installation with a minimum of mess. The low profile depth of only 100 mm (4 in) allows the speaker to fit in locations where deeper loudspeakers do not. The very high sensitivity of 96 dB provides maximum sound level, even at low tap settings.

Crown CDi DriveCore Series

The CDi DriveCore Series provides an impressive mix of high-performance; rich feature set, and competitive cost. Using technology derived from the flagship Crown DriveCore Install series, the CDi DriveCore is designed for ease-of-use in a variety of small to mid-sized applications. Features include network control/monitoring, high-level DSP, front-panel interface, and support for driving up to 100Vrms speaker loads without requiring a transformer. BL models also feature BLU link to send and receive channels over HARMAN's digital audio BUS.