

AV in a Networked World

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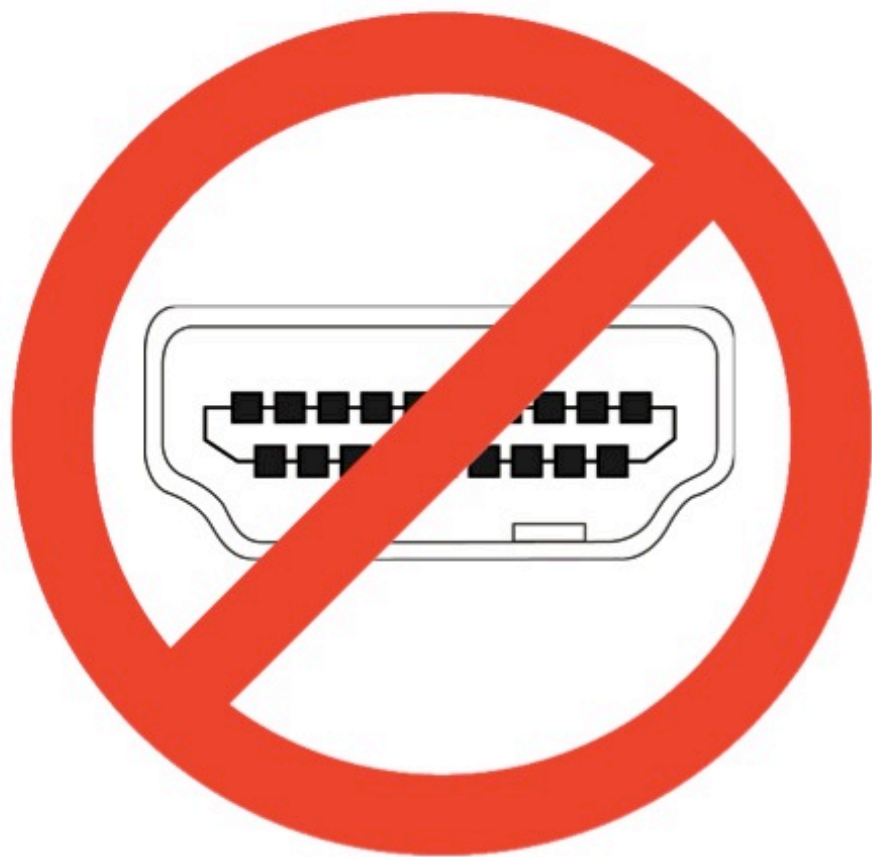
Tertiary ICT Conference
Thursday 7th September 2017













- “IT has never lost a convergence war. I don’t believe they are going to lose this one. It’s just a matter of time until network architectures are seen as the distribution platform of choice.”

– Andy Whitehead, AV Magazine, Nov 2015

AV for an IT World: The Six Pillars of IT

Network Centric

Standards Based

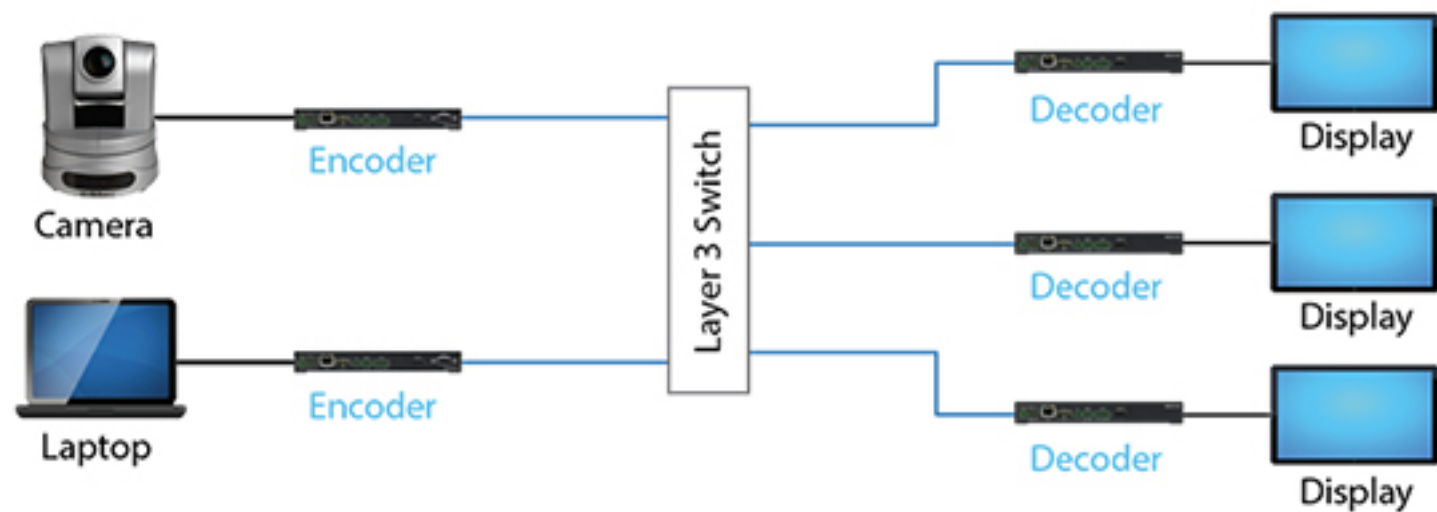
Scalable

Reliable

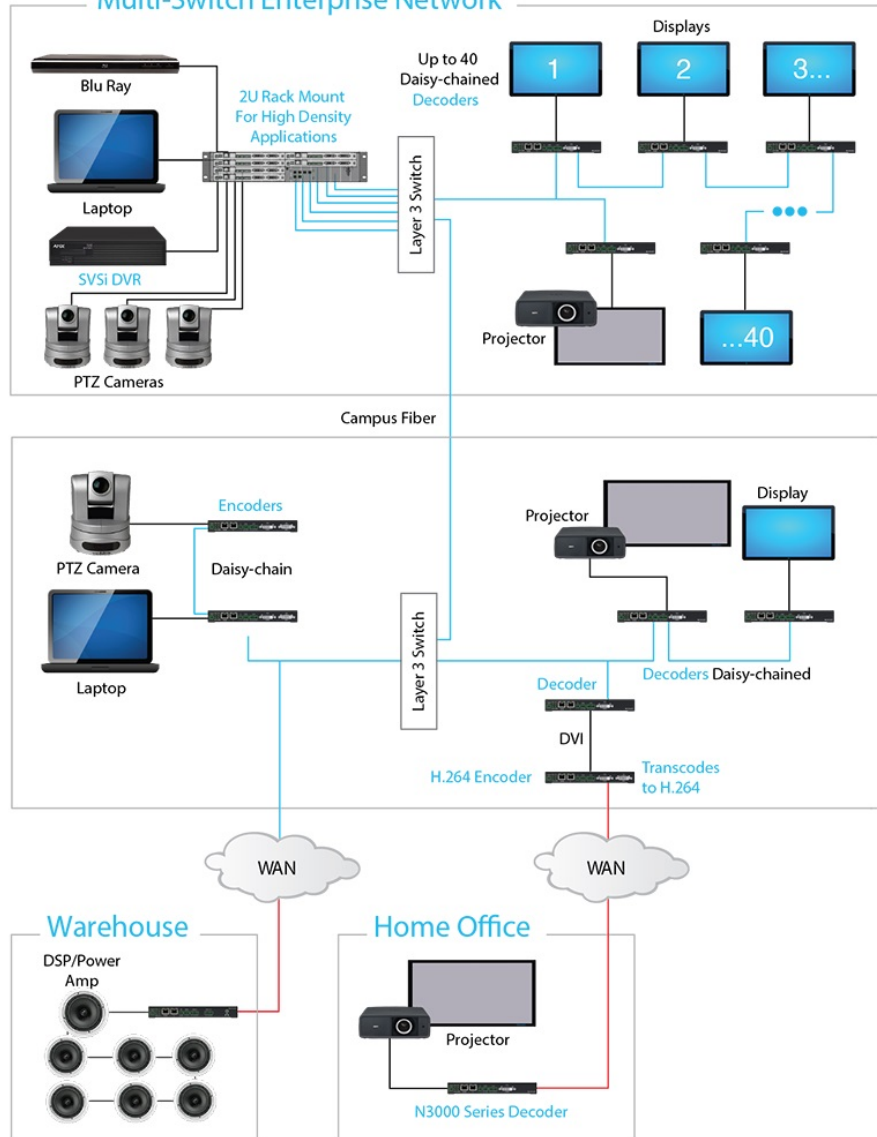
Centrally Managed

Secure

Basic Networked AV

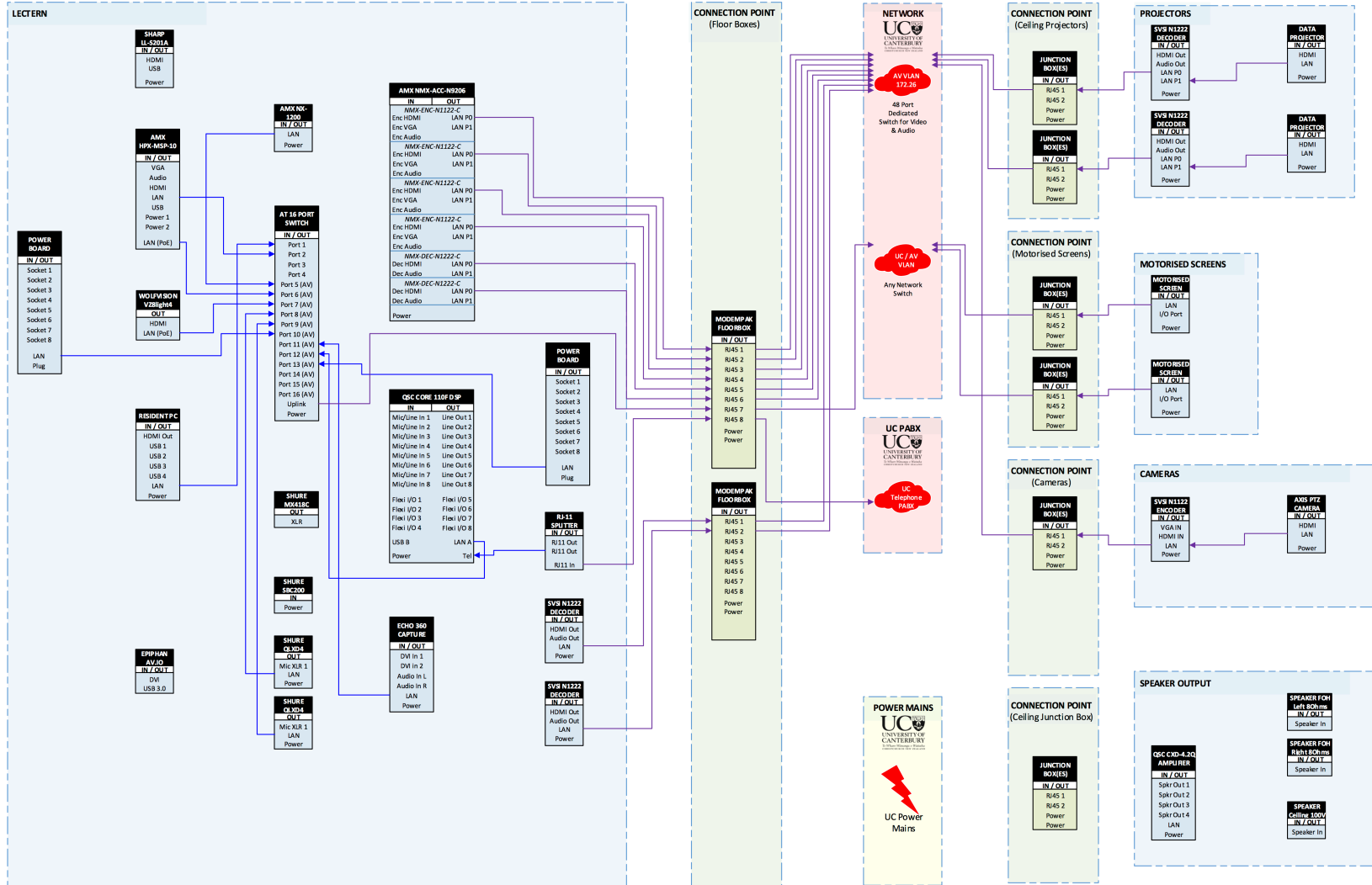


Multi-Switch Enterprise Network

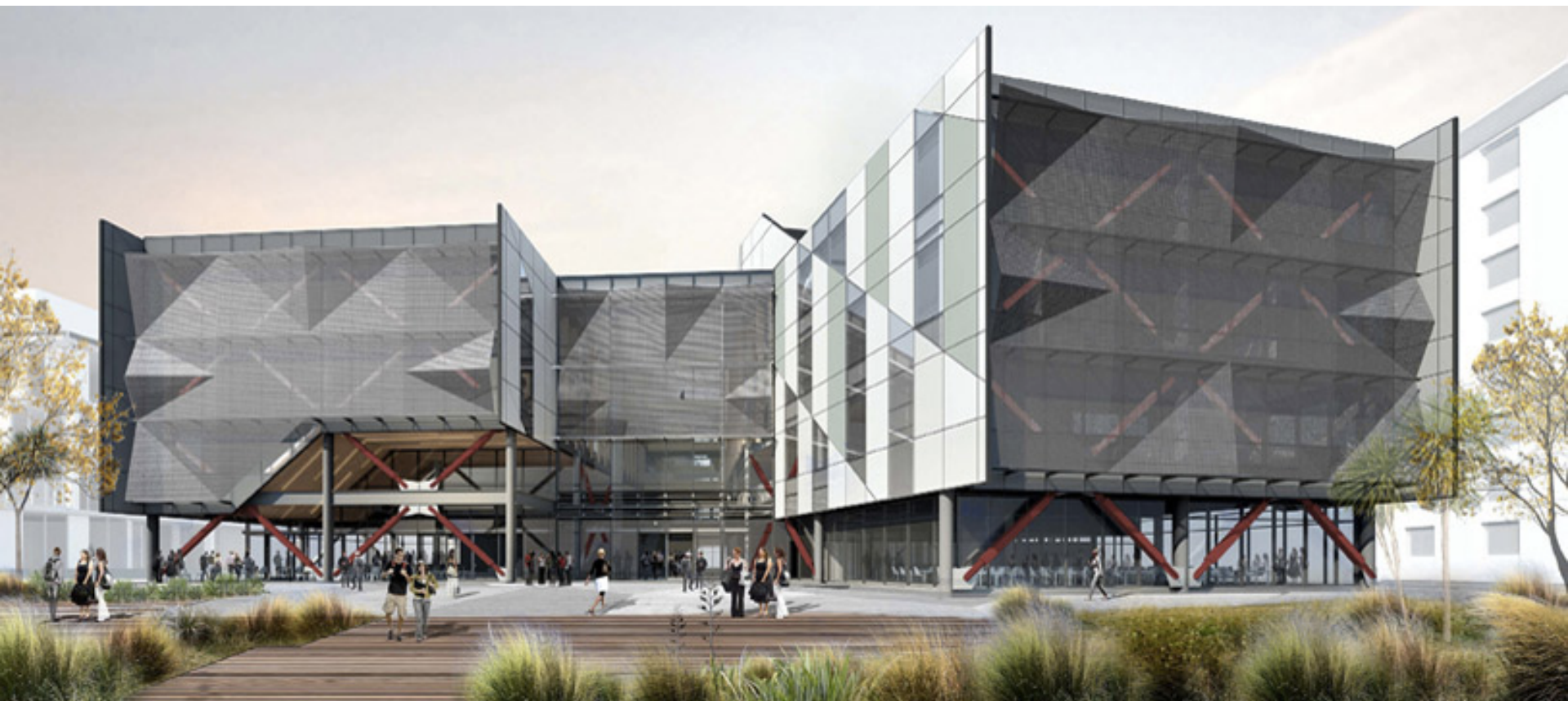


Audio Visual Schematic – AV High Lecture Theatre

LEGEND: HDMI Cable USB Cable Cat6 UTP Cable Audio Cable Power Cable VGA Cable 14 AWG Speaker Cable



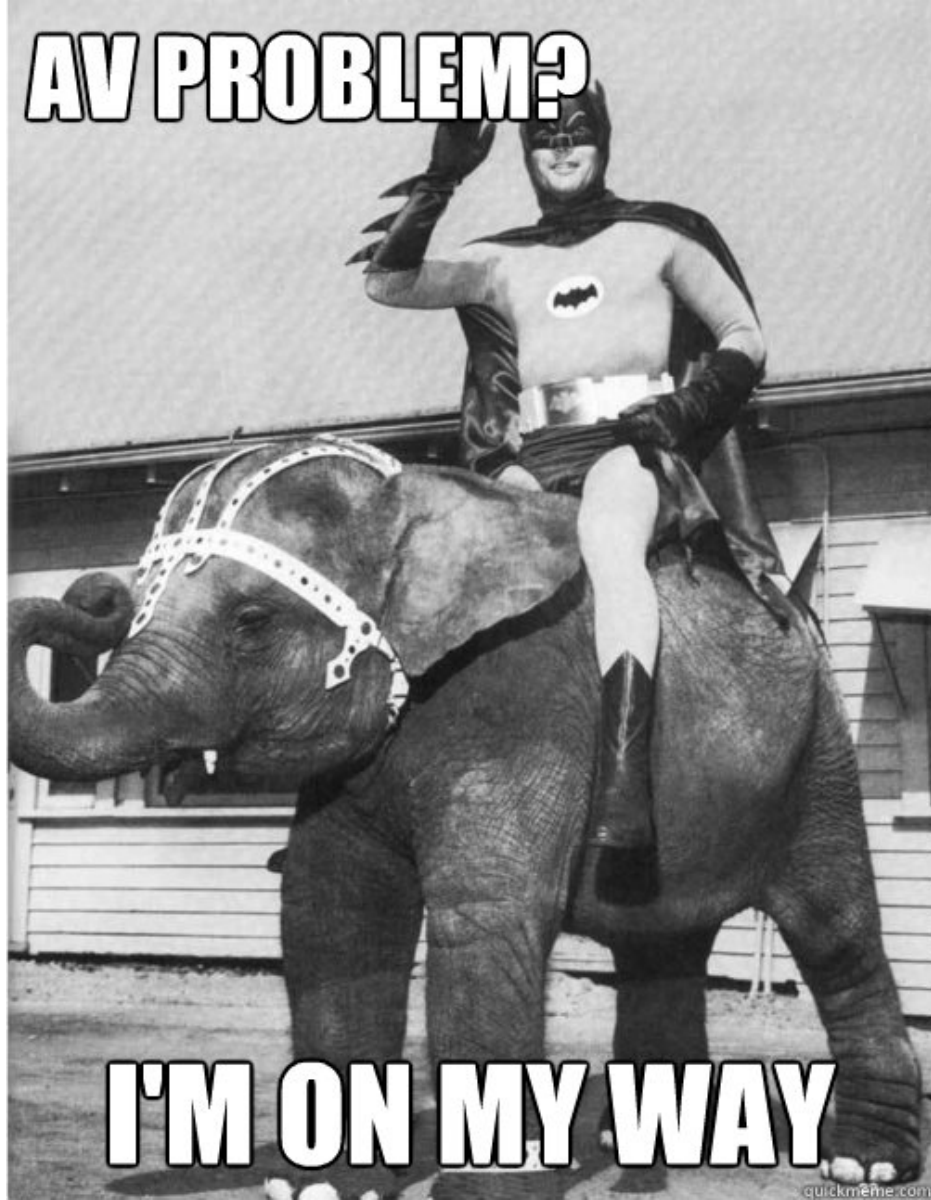








AV PROBLEM?



I'M ON MY WAY

AV VLAN IP Allocation - x Live view - AXIS V5915 P x


172.26.154.42/view/viewer_index.shtml?id=8

AXIS V5915 PTZ Network Camera

Live View | Set

View size Stream profile PTZ preset

Motion JPEG



Up

Down

016-05-06
40 Whel...

AXIS Camera
Manageme...

File Edit View Tools Help

av-for-f3-dsp

Core Processing Page 1

Design Eleme...

Default Loca

Core 1

Microphone P

Microphone Channel 1

Lectern Mic
Lav Mic 1
Lav Mic 2
XLR Input 1
XLR Input 2
AEC Ref

5-Channel Acoustic Echo Canceller

AEC Out 1
AEC Out 2
AEC Out 3
AEC Out 4
AEC Out 5

High-Pass Filter
Parametric Equalizer
Notch Feedback Controller

Gain
Mute

1 2 3 4 5 Ref

Schematic Pag

User Control I

Snapshots

Named Contr

Inspector

VNC Viewer

Forestry F3

Power Off

Image Blank

Volume

1. Preview of this input is on the computer monitor

2. Press "Left Projector" or "Right Projector" button above to project image

Mute

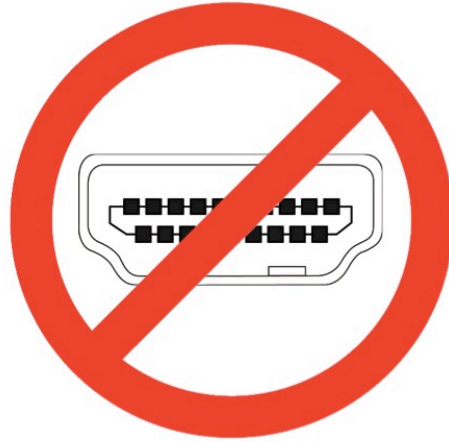
PC Laptop HDMI Doc Cam Disc Camera

Checklist

- Ensure relationships between AV & IT network team are 'healthy'
- Building network cabling infrastructure
- AV Equipment = Able to be IP controllable
- Internal skillsets (networking, IT) within AV
- Ensure you use AV Integrators who have skillsets and experience with ICTS integrations
- Choose robust and proven products

Future is Now

- Virtualisation of AV central controllers
- Virtualisation of audio DSP and distribution
- Complete remote support



“Let’s Do This.”

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