Corporate Capabilities

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TL1

TL1   To achieve the grayscale background image under Format Picture > Picture Corrections –set Brightness to -50%. Under Picture Color set Saturation to 0%.

Tina Lang, 7/22/2020

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We enable discovery by removing obstacles to insight and understanding. We are driven to continuous improvement, mutual profitability, and delivering exceptional results.

Design, Integration, and Support Scope

● Network Infrastructure, IT Support
● Enterprise-Level Audio Visual
● Custom, Showcase Audio Visual
● Security, Access, Notification
● Telephony, Intercom, Mobility

Locations:

- **Iowa** – HQ, Technical Center, Custom Manufacturing

- **Chicagoland** – Pentegra and IT Services HQ (Schaumburg)

- **Houston** – Managed Services

- **Virginia Beach** – Software Services HQ

- **Anaheim** – Custom, engineered display structures

- **Ontario, Canada** – Marketing, Finance services

- **Loughborough, UK** – Mechdyne EMEA

- **Malaysia** – Service presence

Global Reach:

Process driven delivery

Complex projects

Individual to new building-scale projects
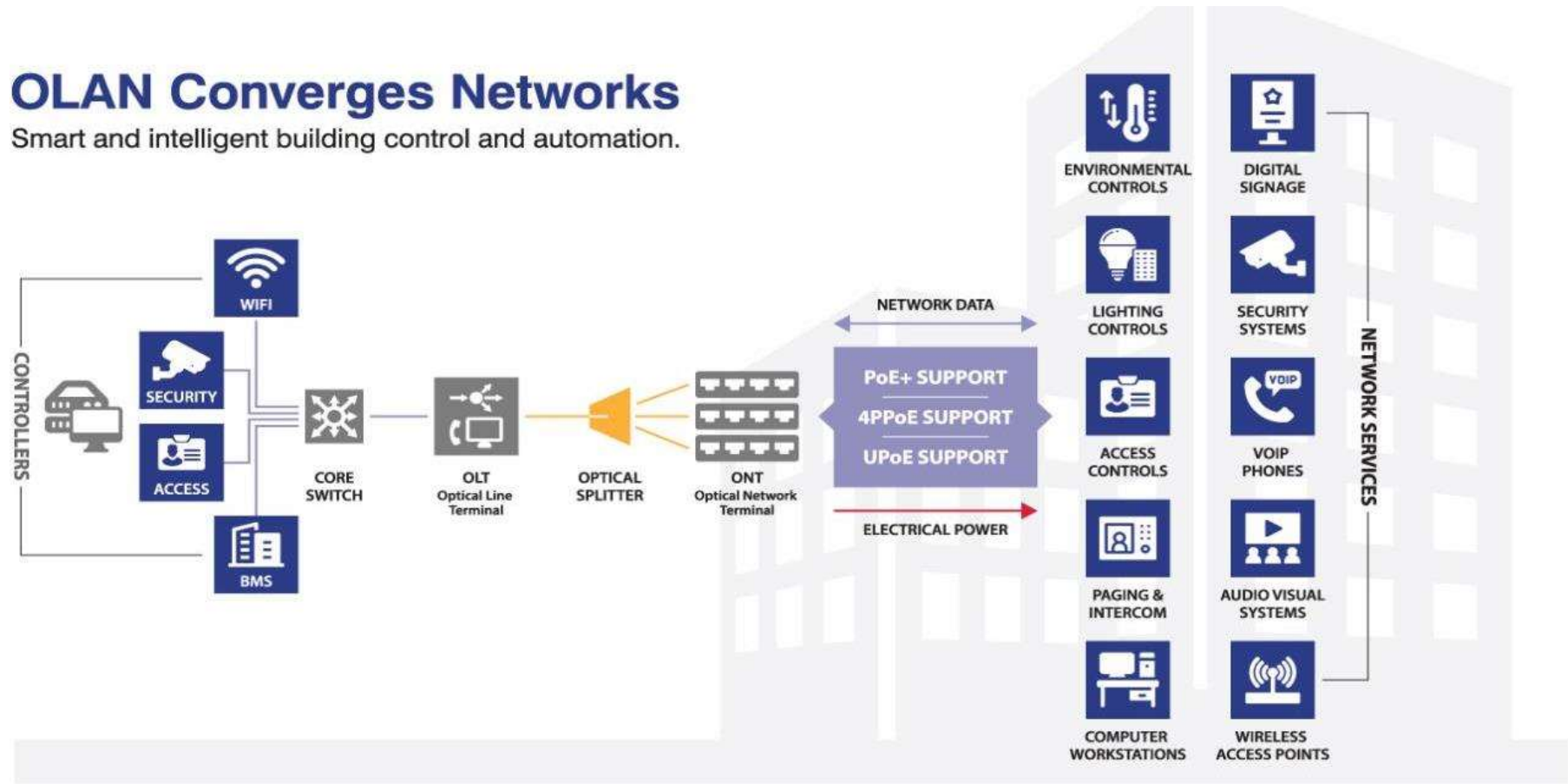
Dedicated Mechdyne teams

Partner where required

Complex Solution Installations on Six Continents

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Smart Infrastructure, Connected Technology

Building and Campus Scale Optical Networks

AV and Low Voltage Solutions

**Passive Optical
Network Infrastructure**

Reduce Space Requirements
99.9995 Uptime for Decades
Contributes to LEED and Sustainability

AV and VR Solutions

Driven by Use Cases and Goals
Specializing in Custom and Complex
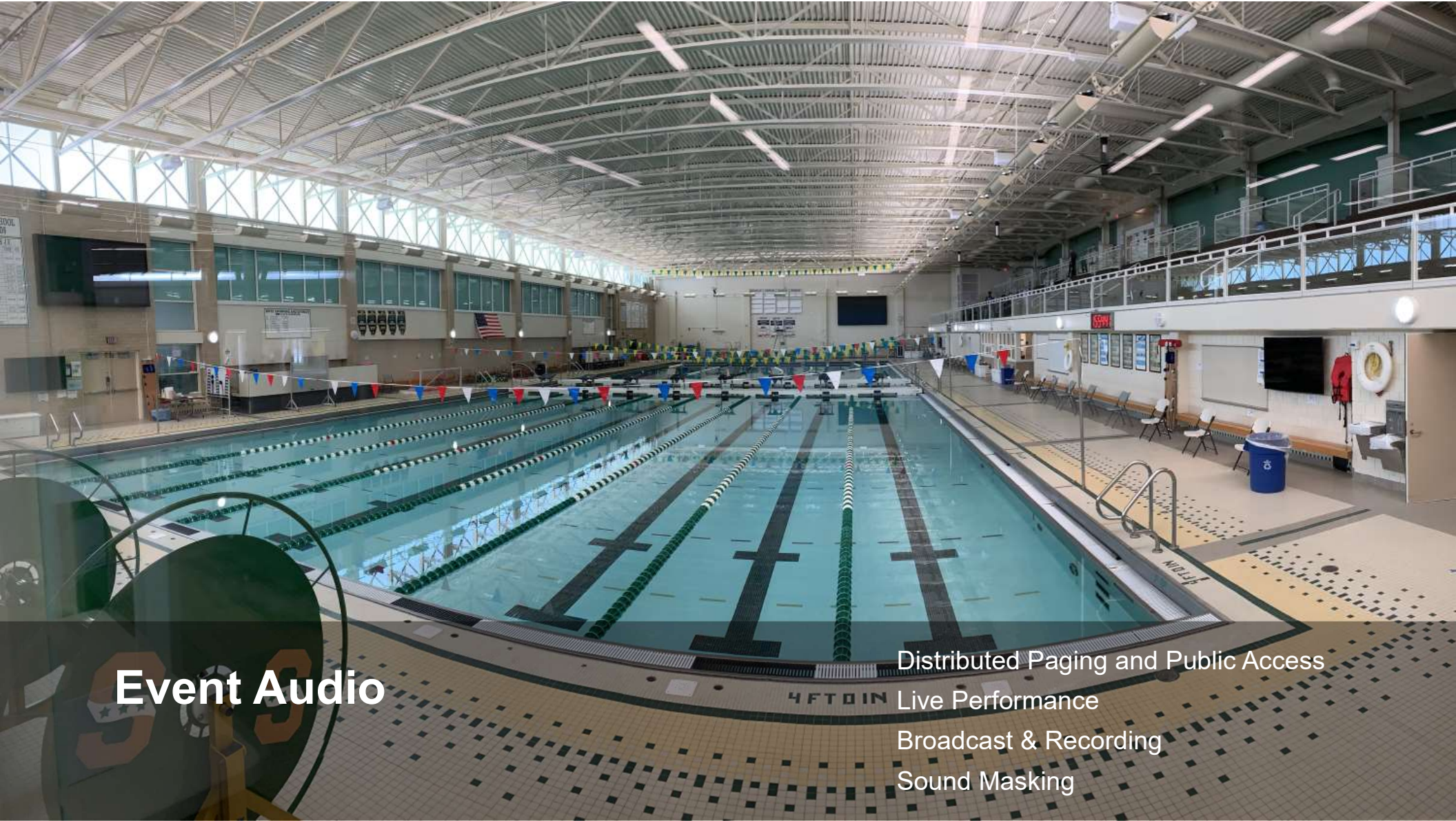Focused on ROI

Telephony

Business Class I/P Phone Systems
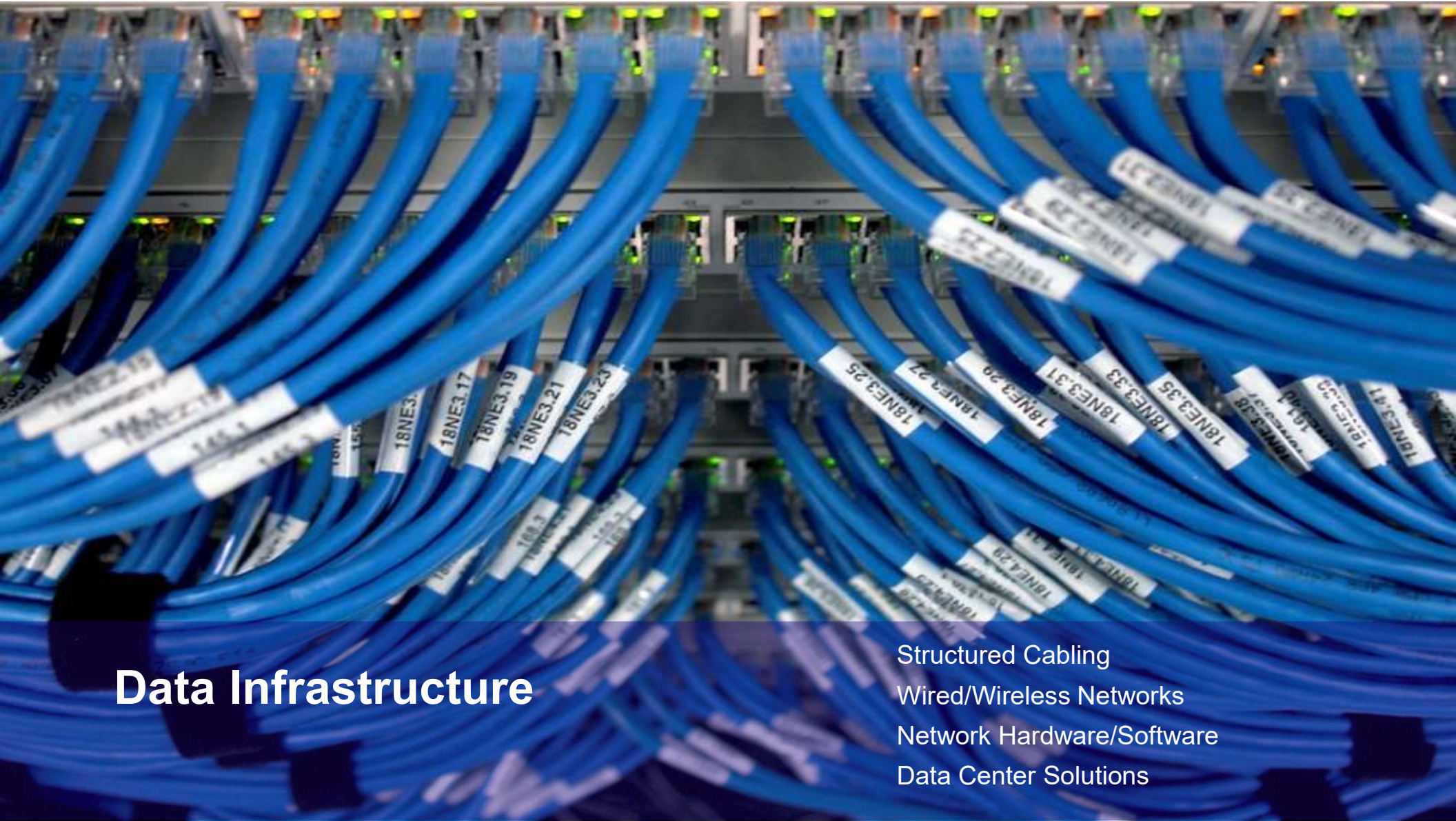Collaborative Communications
Intercom
Enterprise Mobility

Security Solutions

Video Surveillance
Access Control
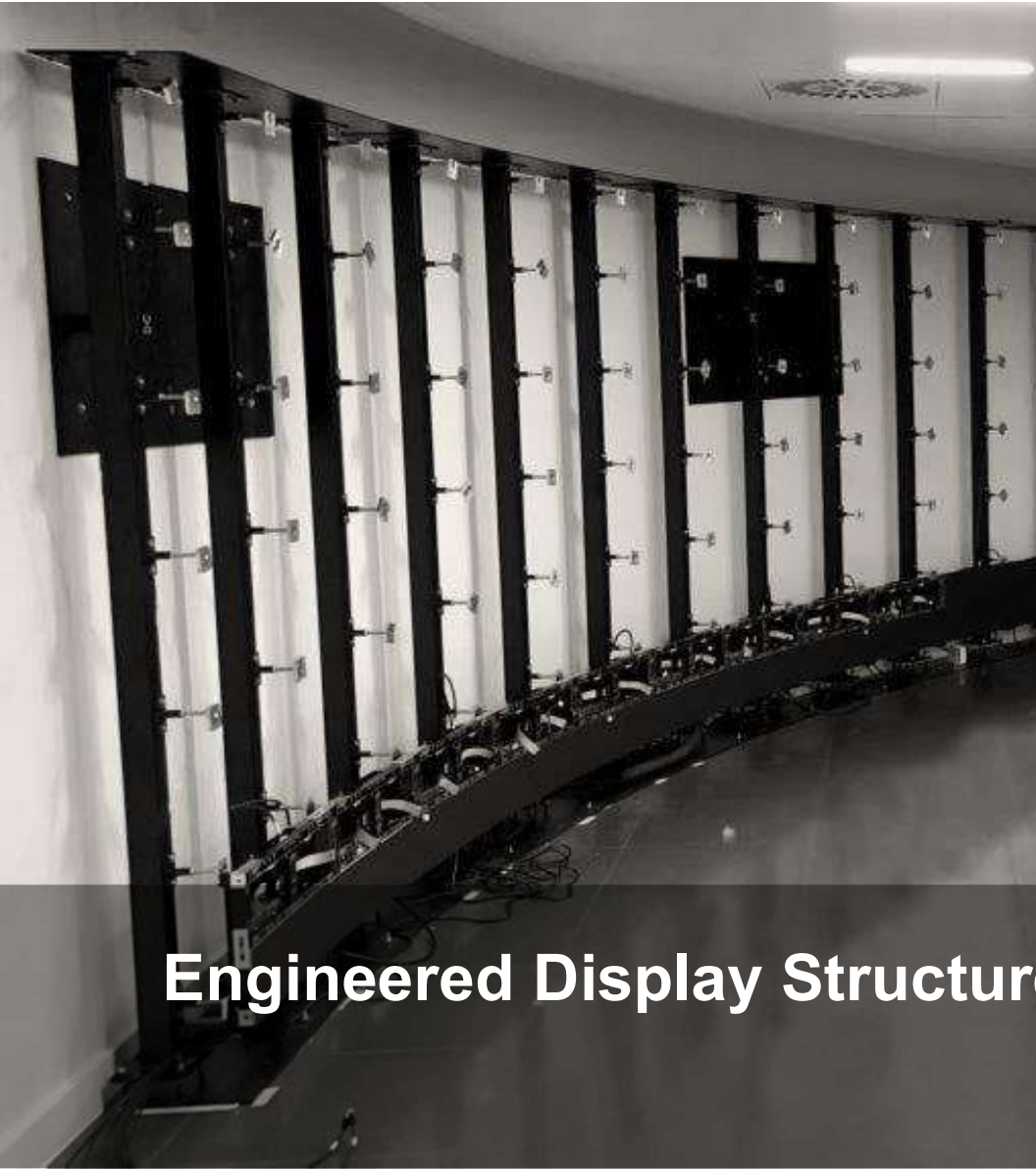Intrusion Detection
Mass Notification

Event Audio

Distributed Paging and Public Access
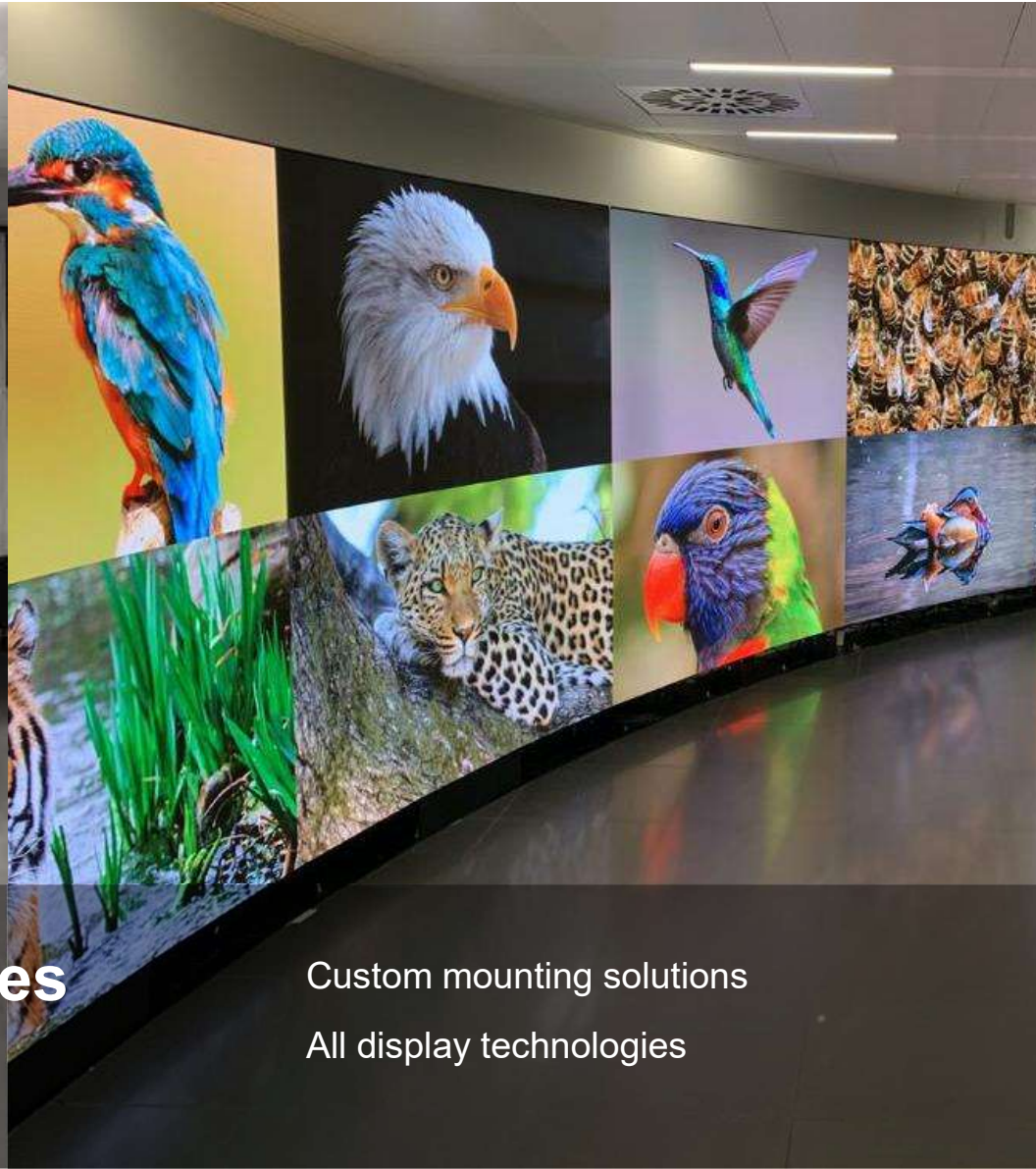
Live Performance

Broadcast & Recording

Sound Masking

Data Infrastructure

Structured Cabling

Wired/Wireless Networks

Network Hardware/Software

Data Center Solutions

Engineered Display Structures
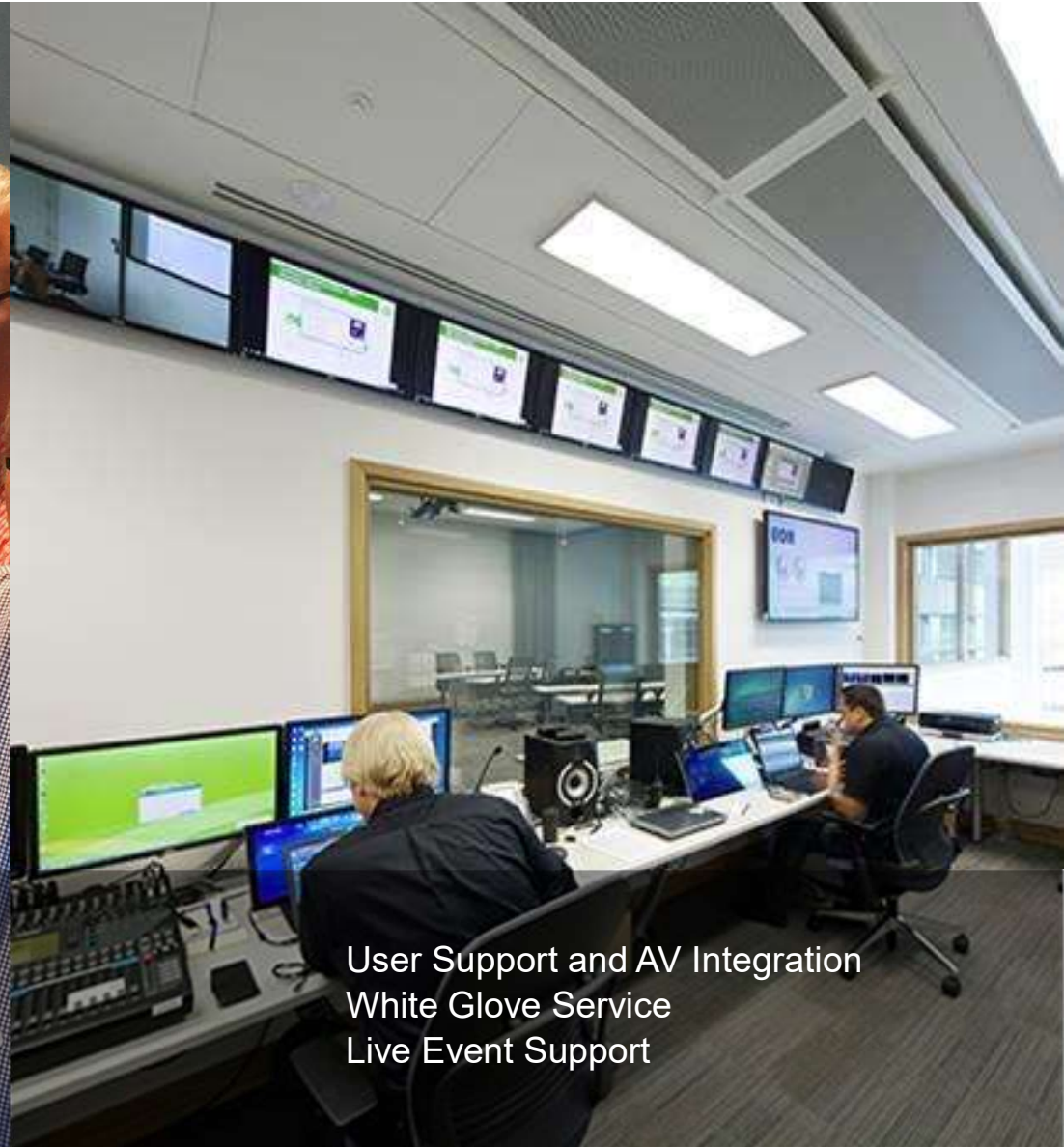
Custom mounting solutions

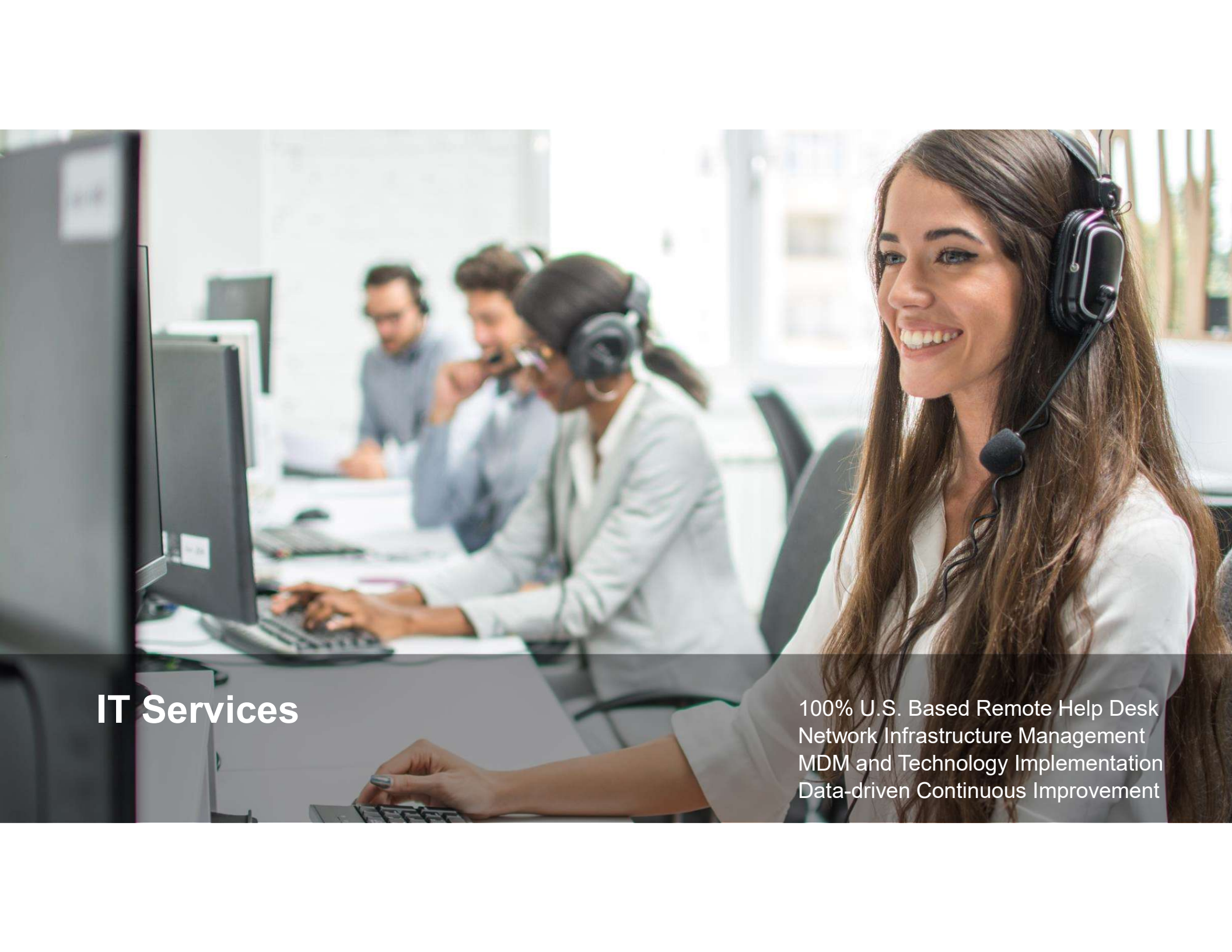All display technologies

AV and VR Services

Proactive Contract Services
Maximum-Up Time
User Satisfaction Focused

Onsite Managed Services

User Support and AV Integration
White Glove Service
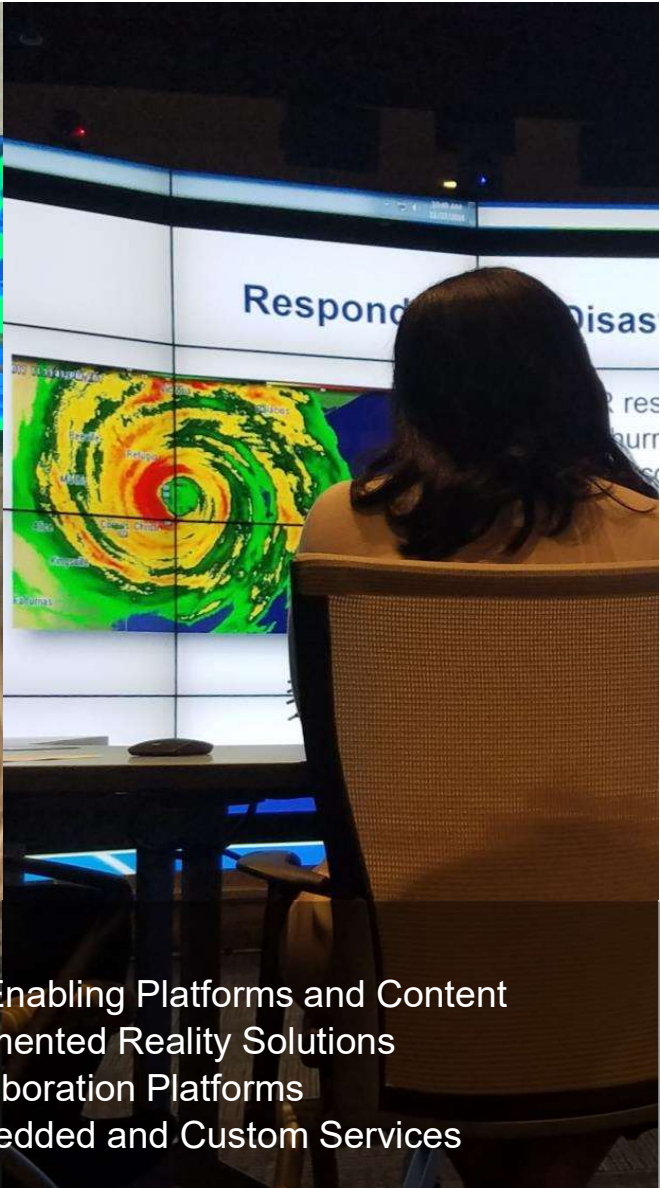Live Event Support

IT Services

100% U.S. Based Remote Help Desk
Network Infrastructure Management
MDM and Technology Implementation
Data-driven Continuous Improvement

Software Services

VR-Enabling Platforms and Content
Augmented Reality Solutions
Collaboration Platforms
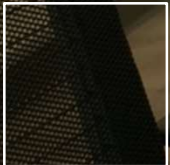Embedded and Custom Services

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Rowan University – Virtual Anatomy
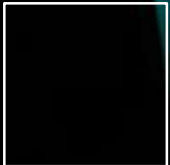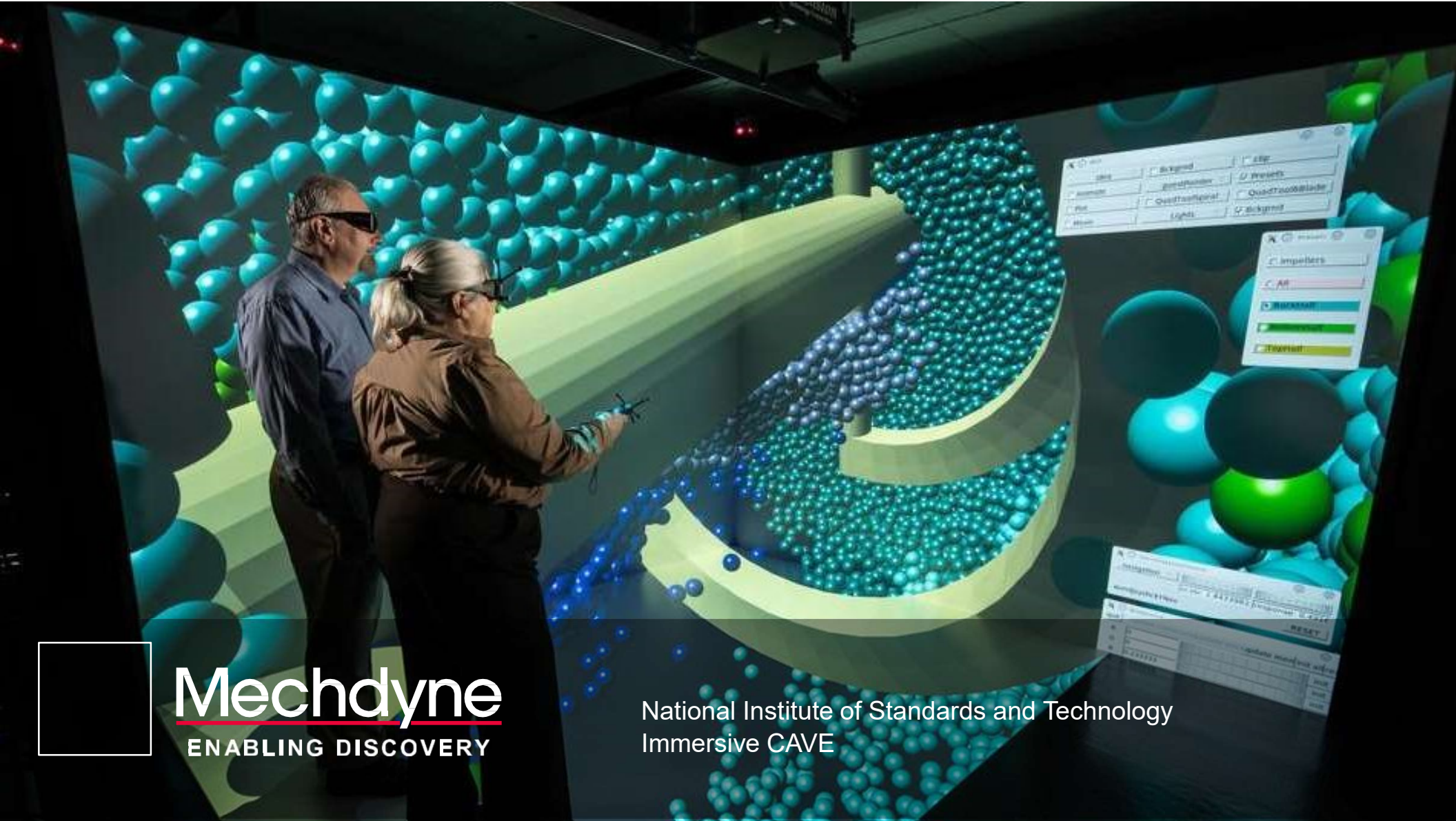Nine Projector Immersive Workspace

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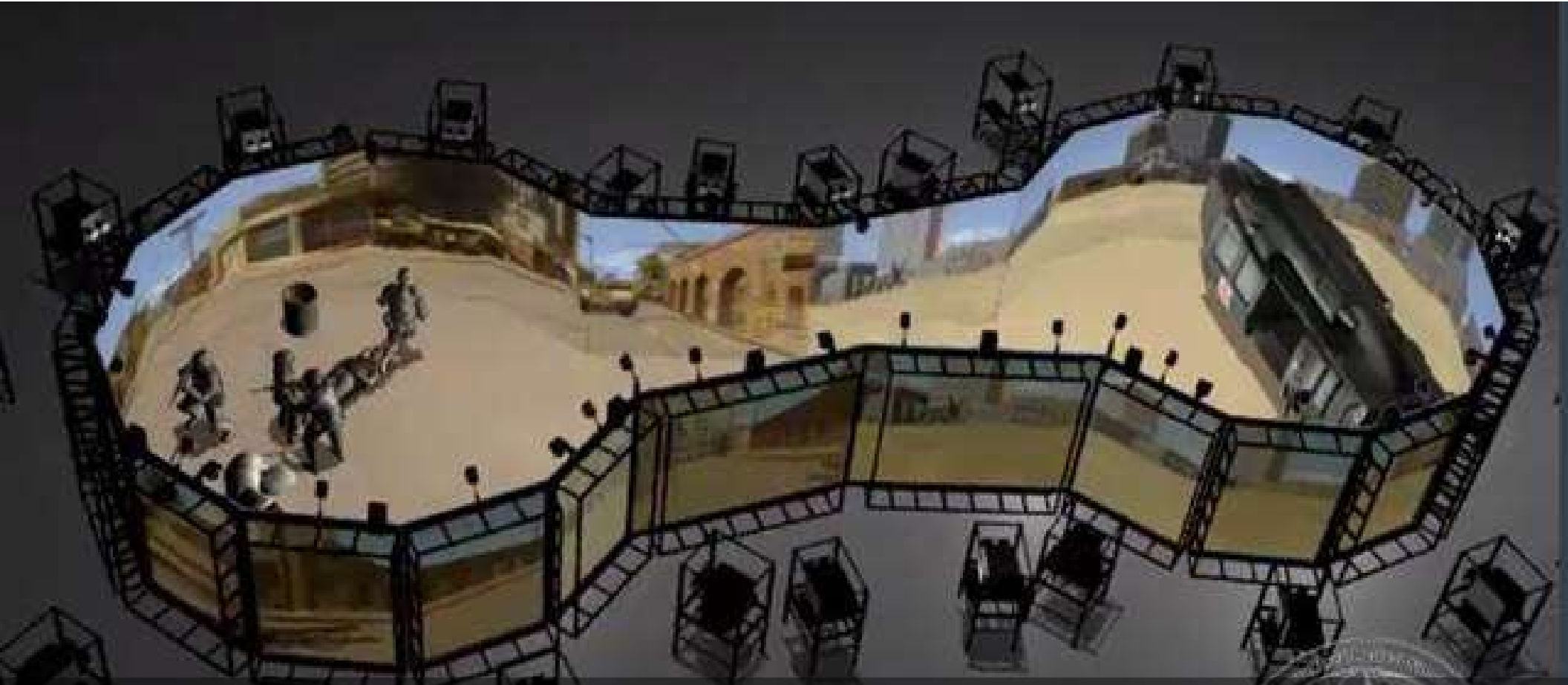
Monash University, Australia

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Insurance HQ AV Design and Integration
Standardization for Regional Offices
Integral Part of the Project Planning Team

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National Institute of Standards and Technology
Immersive CAVE

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Wide Area Virtual Environment (WAVE)
For National Capital Area Medical Simulation Center (SimCenter) in Silver Spring, Md.

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King Abdullah University of Science and Technology
Saudi Arabia: Collaboration and Research Spaces plus a
100 Million Pixel, Six-sided Immersive CAVE

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IBM Watson Centers for Executive and Client Briefing Sessions; Immersive Theaters, Touch Walls, and Digital Signage

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Kuwait Oil Company Remote
Operations Monitoring Center and
Executive Briefing Center

Iowa State University; Student Innovation Center, Sports Performance Center, and Other Buildings Under Master Contract

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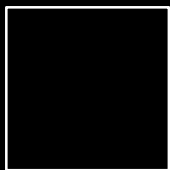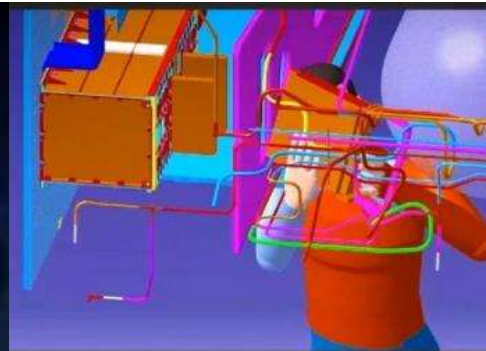
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Lockheed Martin Computer Human Interaction Lab
Immersive CAVE Connected to Collaborative HMDs

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National Institute for Aviation Research
HMD and Large Immersive Space – Connected for Collaboration

Custom, Complex Projects: Curved 3D LED Wall with Omni-directional treadmill, biometrics, haptics, tracked devices. Connected to collaborative head-mounted displays

Thank you

Questions?