

Block 8 | Thursday, 10/27/2016 | 1:30 p.m. - 2:30 p.m.

Health Care Campus Security for the 21st Century

New Technology Avenues

Safety must be a priority on every health care campus. The 21st Century brings new threats but also ushers in an unprecedented set of available tools to monitor and protect patients, visitors and staff. This session will discuss the process the University of Kentucky used to replace and upgrade dated standalone legacy security systems and how their process can be applied to facilities of all sizes.

Presenter: Tom Sorrell, RCDD, LEED BD+C, NICET, CHC - CMTA Inc.
Kentucky | Texas | Indiana | Ohio | DC

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#MWHCEC16

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Presentation Objectives:

- Assess legacy facility security systems.
- Evaluate security technology solutions available.
- Integrate video, access control and emergency notification and others as needed.
- Importance of following ESS Standards

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- Safety must be a priority for all campuses, large and small.
- New threats come in many forms.
- New tools are proactive - not just for monitoring
- Today's ESS practices leverage

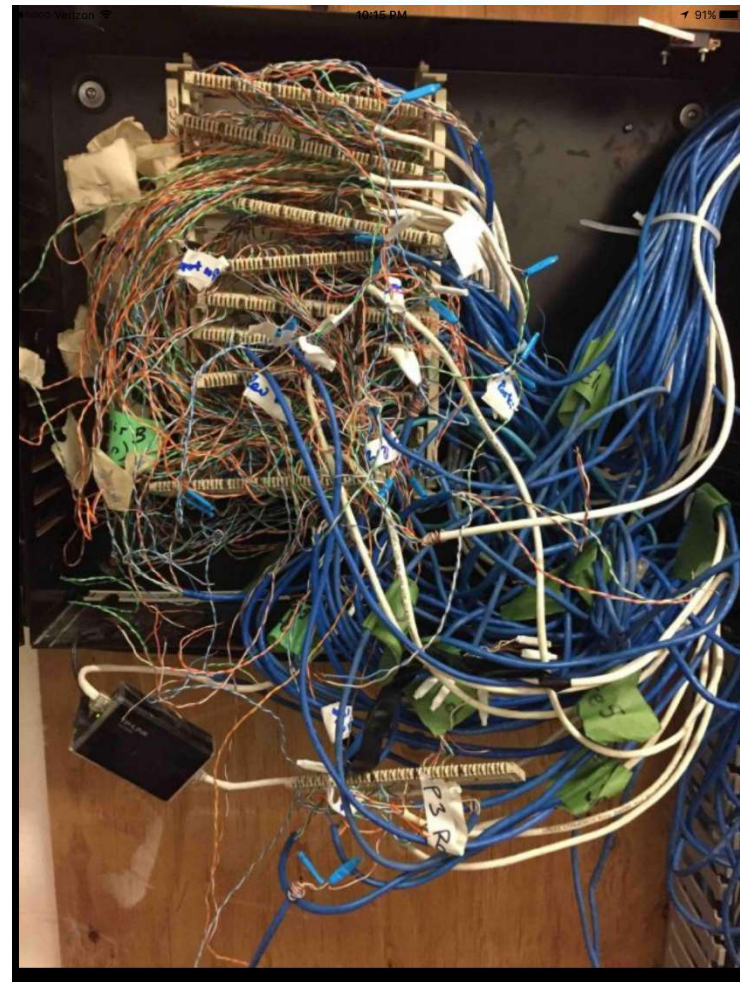
Technology over Manpower

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Are your existing ESS
Practices working to
your best advantage?

Do you have multiple
legacy systems?



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Are your legacy systems aware of each other?

Do you have many manufacturers and models?

Do you have central management?

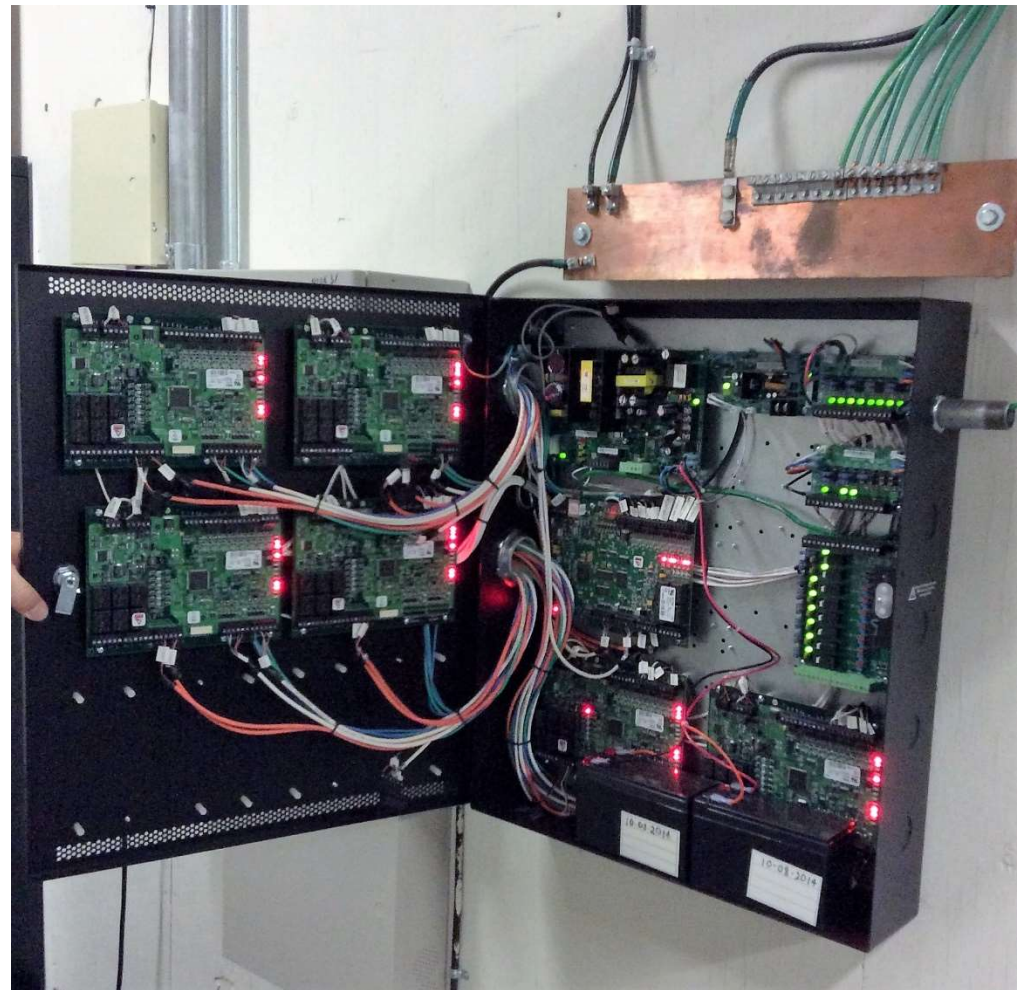


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Do you have Campus
Security Standards?

Do you have an
Electronic Security
Master Plan?



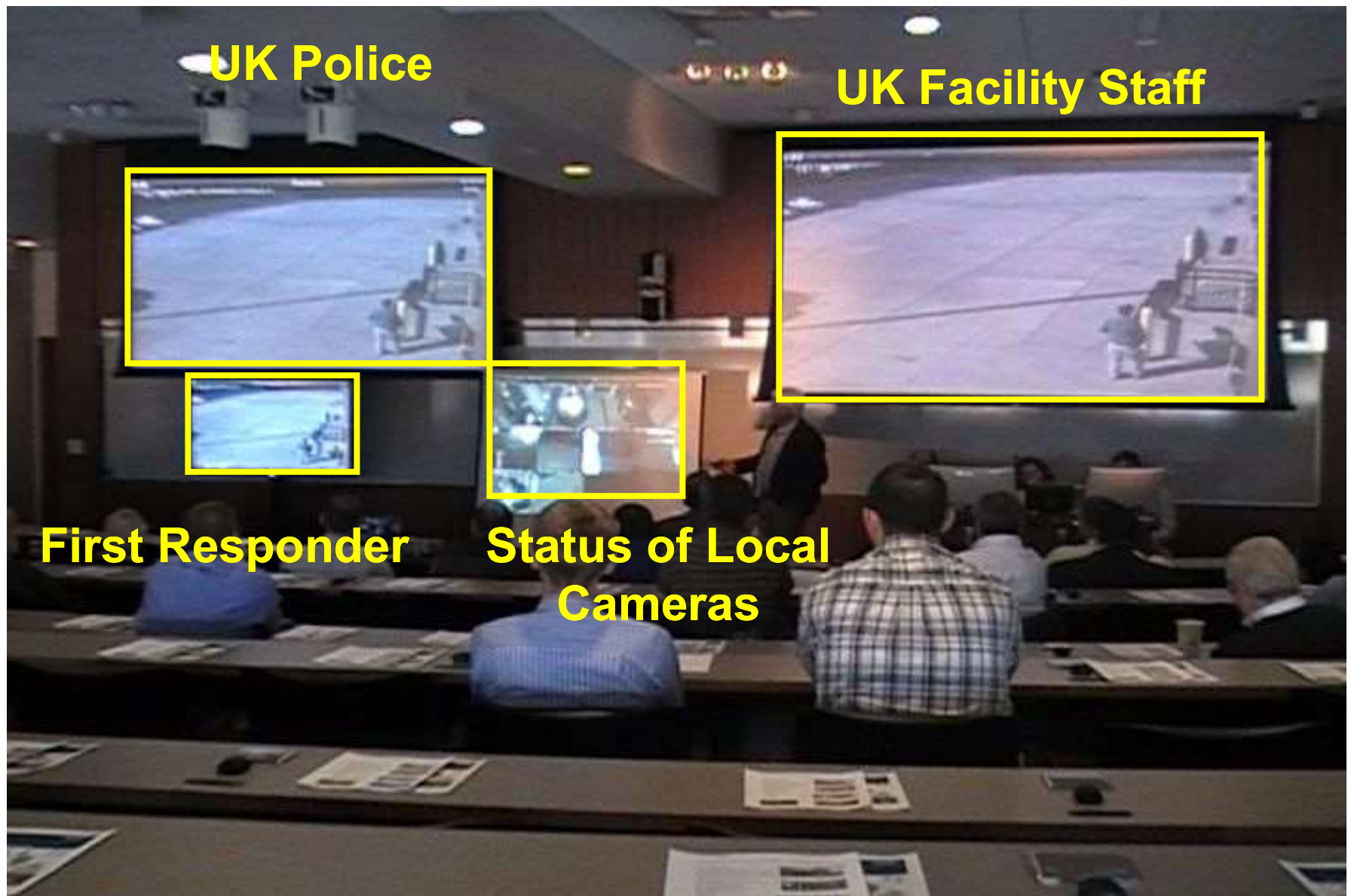
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Veterinary Diagnostic Laboratory
(formerly the Livestock Disease Diagnostic Center
or LDDC)

- Access Control
- Video
Management





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Approximately 1,500 Existing
Cameras - analog and IP mix

Many Manufacturers and Models

No Central Management:

DVR's, NVR's, VCR's, CCTV

Out of date Electronic Security Standards

No Electronic Security Master Plan

No Central Ownership



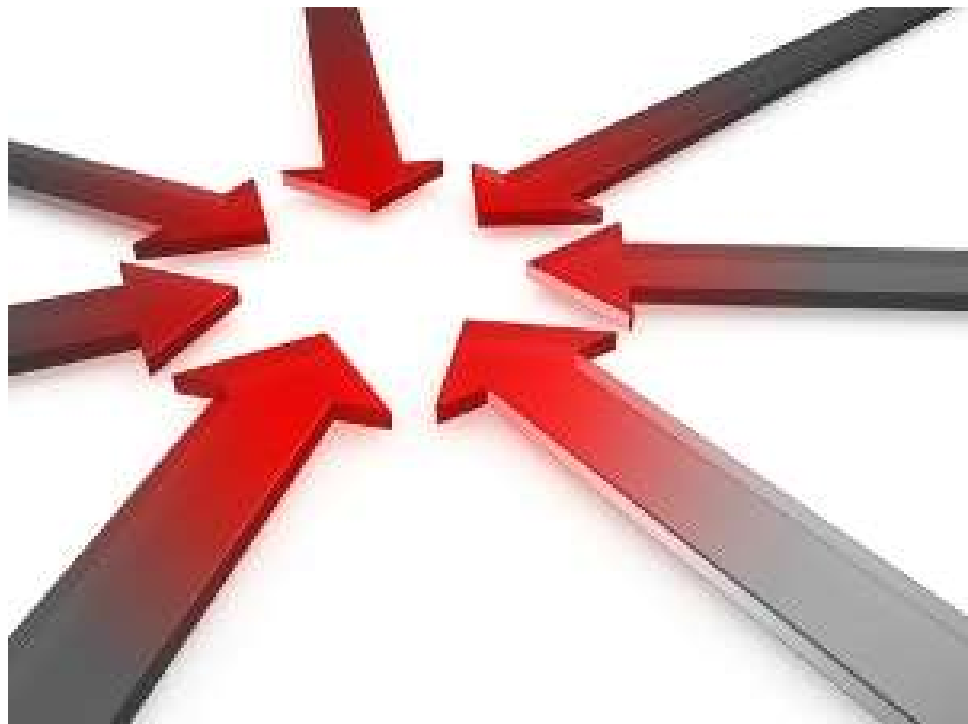
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*What is being done in other campus and
Healthcare Environments?*

Convergence!

VMS +
SMS +
Audio =
Analytics



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Does Video Detection Enhance Security?

- Threat Deterrent
- Improved Response Time
- Video Forensics
- Reassurance/Peace of Mind
for Visitors & Staff



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How is this Accomplished?

- **Convergence** of Data
info “Events”
- Video Forensics
- Adhere to BICSI Standards
- Qualified Team Partners



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What Triggers an Event?

Camera Information

Access Control

Emergency Call Boxes

Contact Closure Devices

Audio Detection Devices

Fire Alarm Systems



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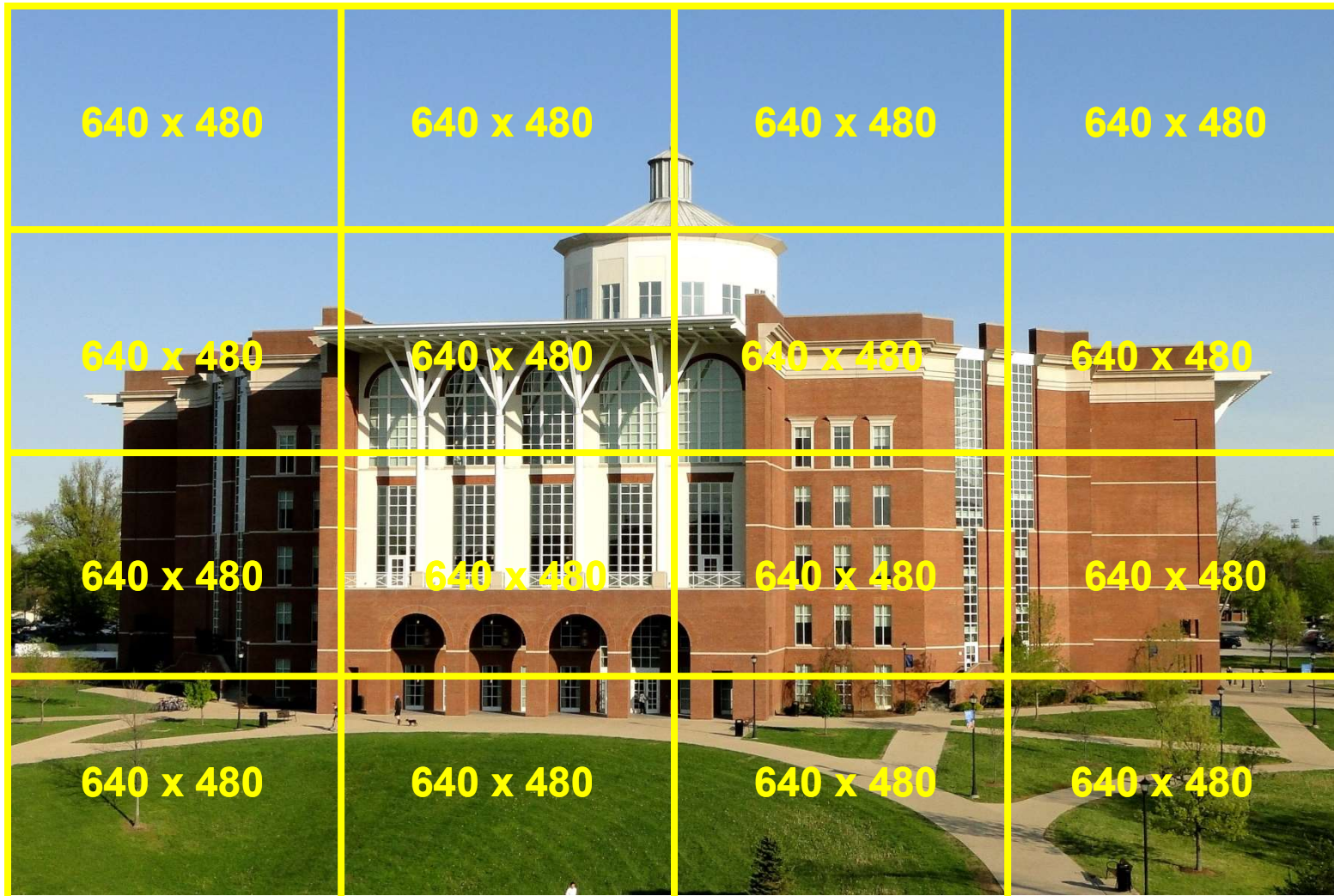
New Methods for Central Monitoring?



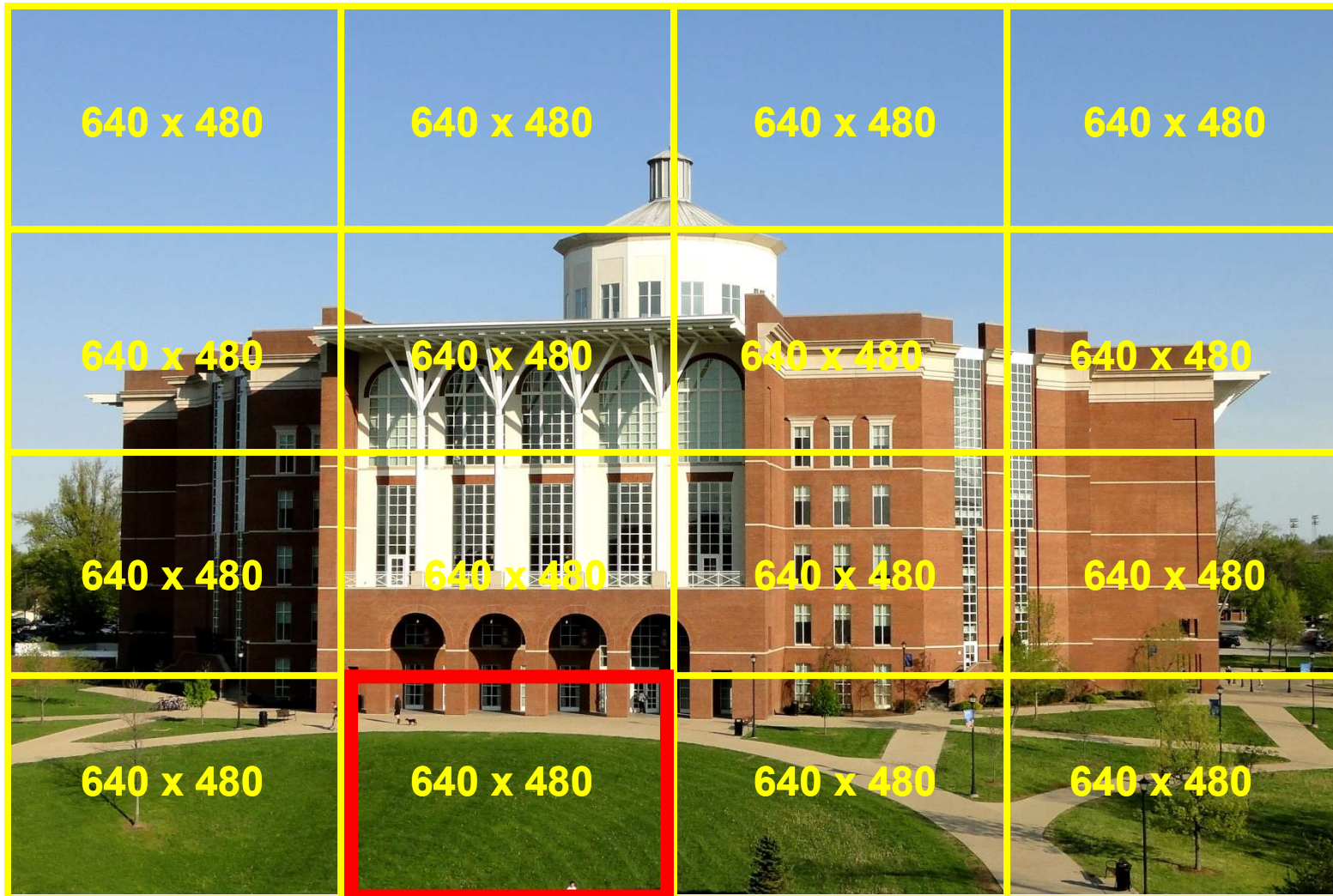
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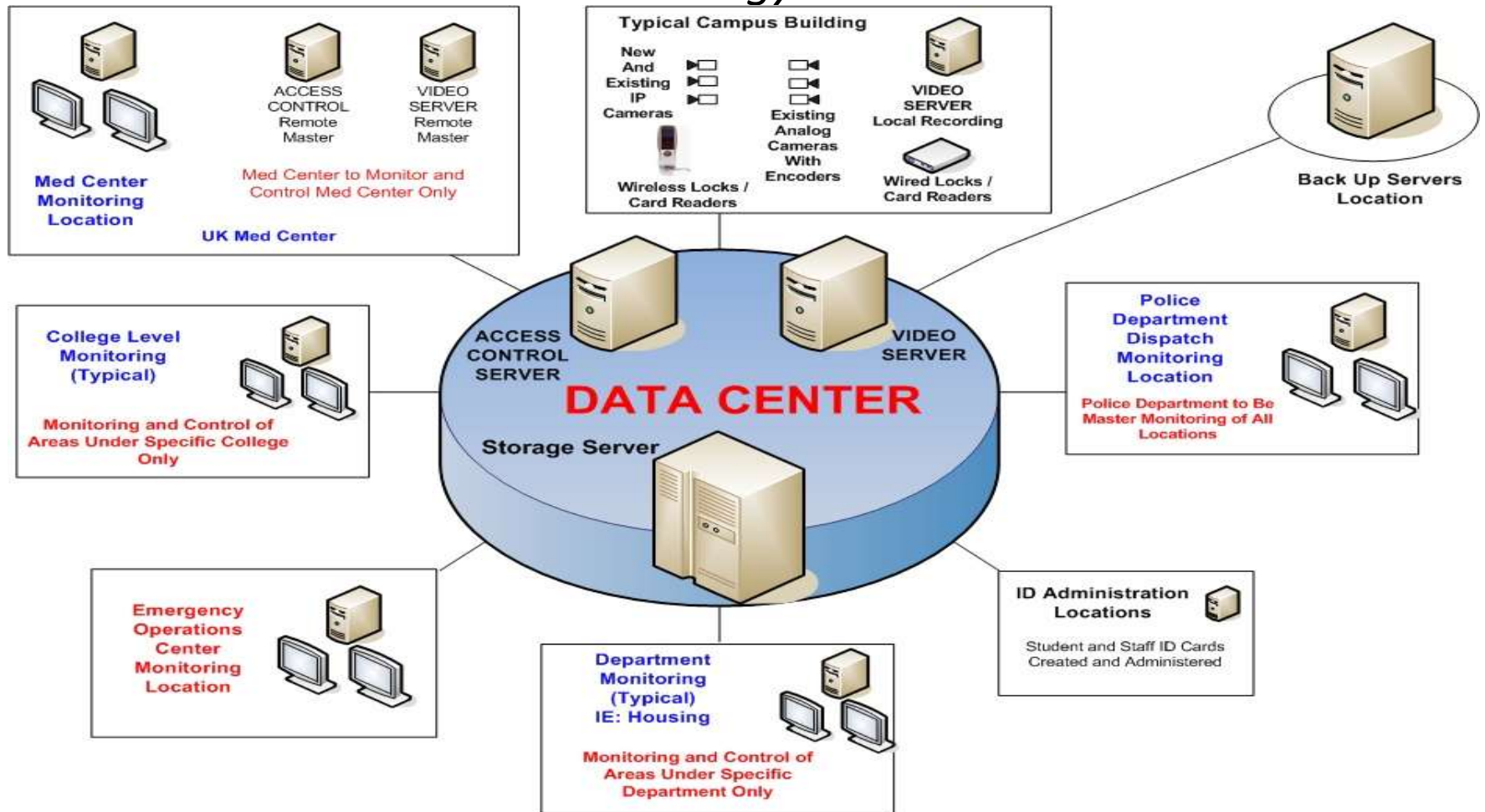
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Typical Project Timeline

Approve Network Architecture
Approve Campus Standards
Approve Video Retention Policy
Assessment of Campus WAN Impact
Select Location & Equip Data Center
Assess & Prioritize Campus Building Readiness
Issue RFP
Begin Installation
System Verification & Commissioning

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Implement a robust Video Management System:



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VMS System



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SMS System



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Early Warning Speakers & Internal Overhead EAS

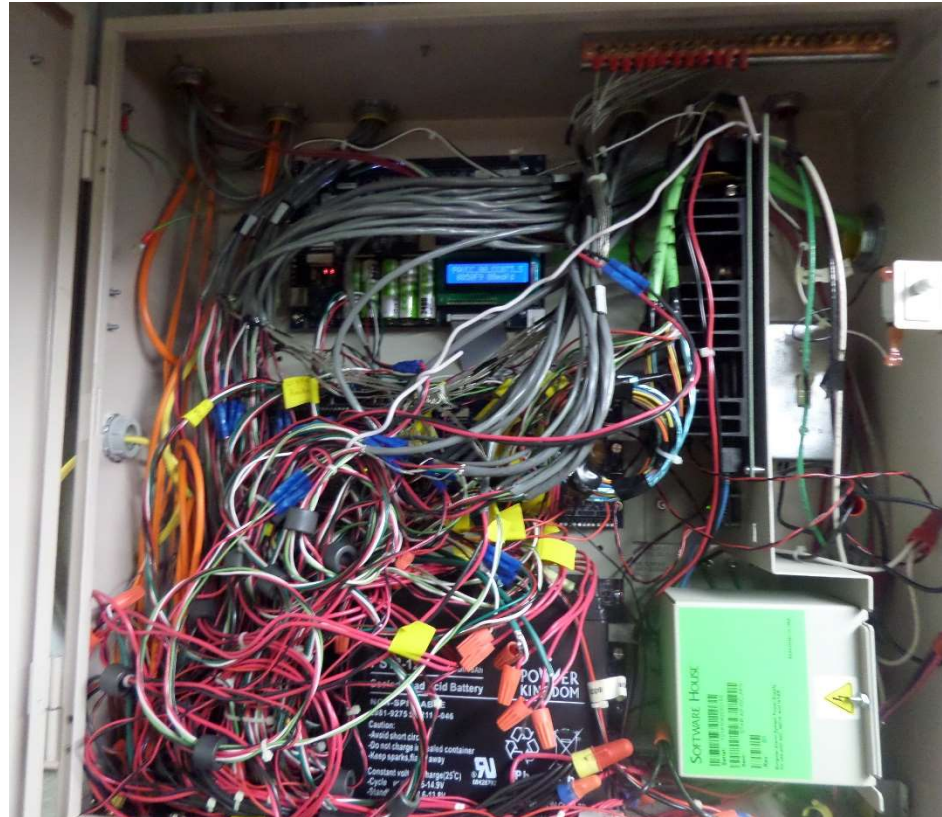


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Healthcare
Campus –
Anywhere, USA

Existing
Security Panel



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Healthcare
Campus –
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Replacement
Security Panel



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Case Study 1

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Case Study 2

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