



“Implementing Digital Building Strategies and Applications within the Hospitality Space”

Part 2

Panel Participants



Brian Ensign
VP – Marketing
Superior Essex Communications
BICSI Past President



Farukh Aslam
Owner
Sinclair Holdings, LLC



Luis Suau
Technical Leader
Cisco Systems, Inc.



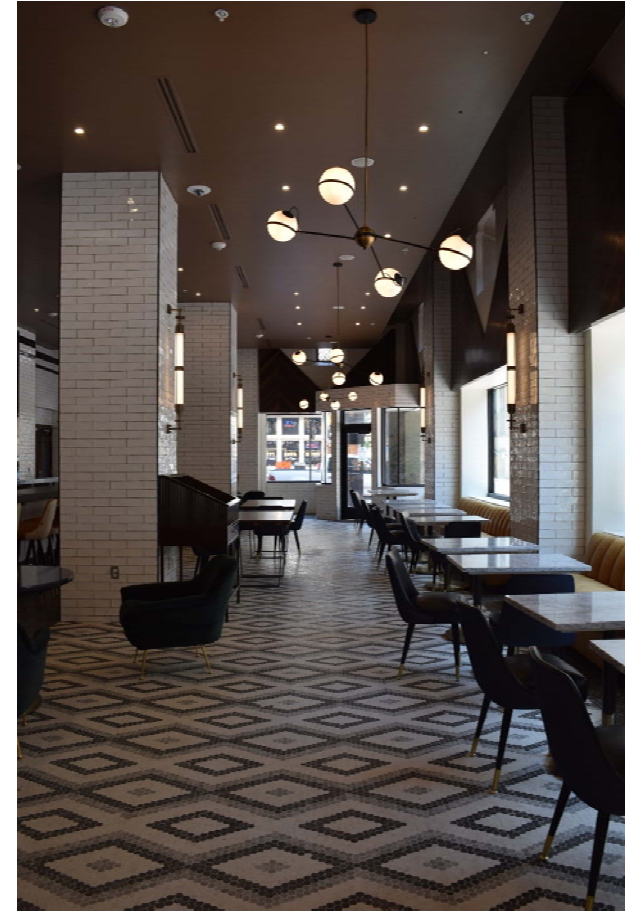
Stephen Eaves
CEO and Founder
VoltServer, Inc.



Matthew Wootton
CTO and Co-Founder
Ivani



Lobby Reception



Lobby Bar



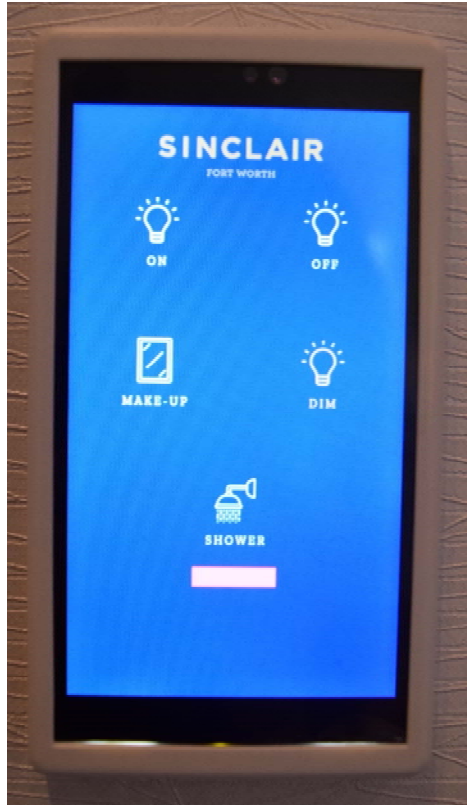
Basement Restaurant



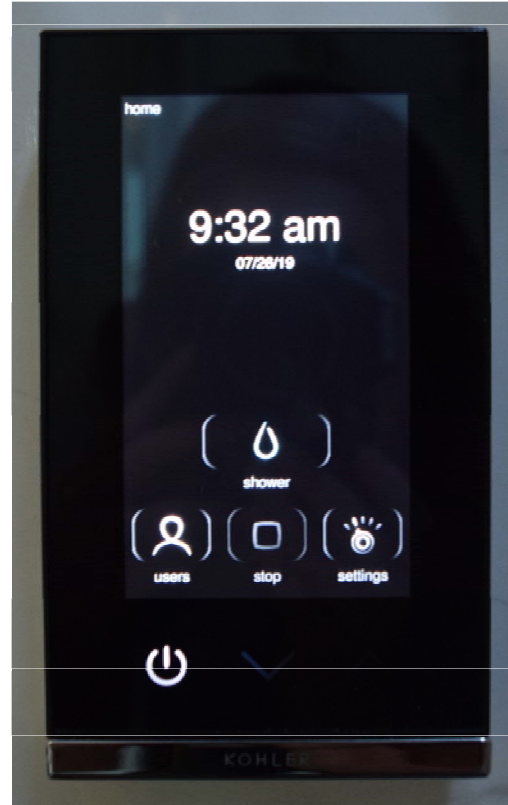
Typical Guestroom



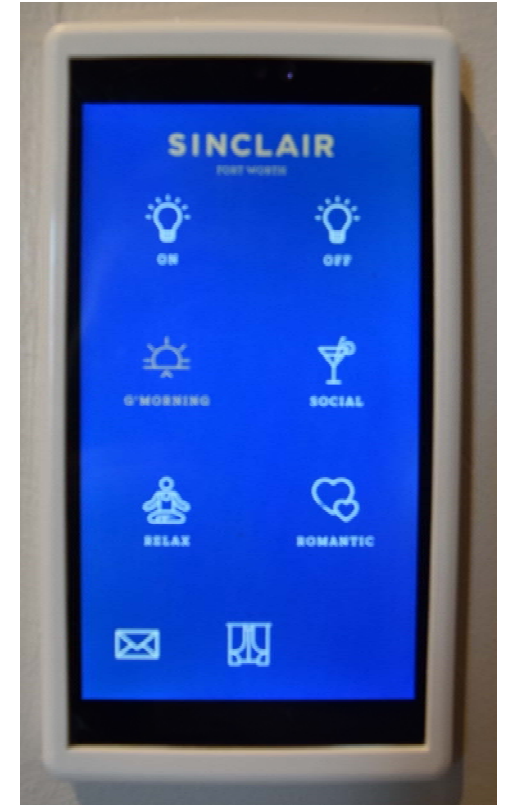
Welcome Screen



Bath Screen

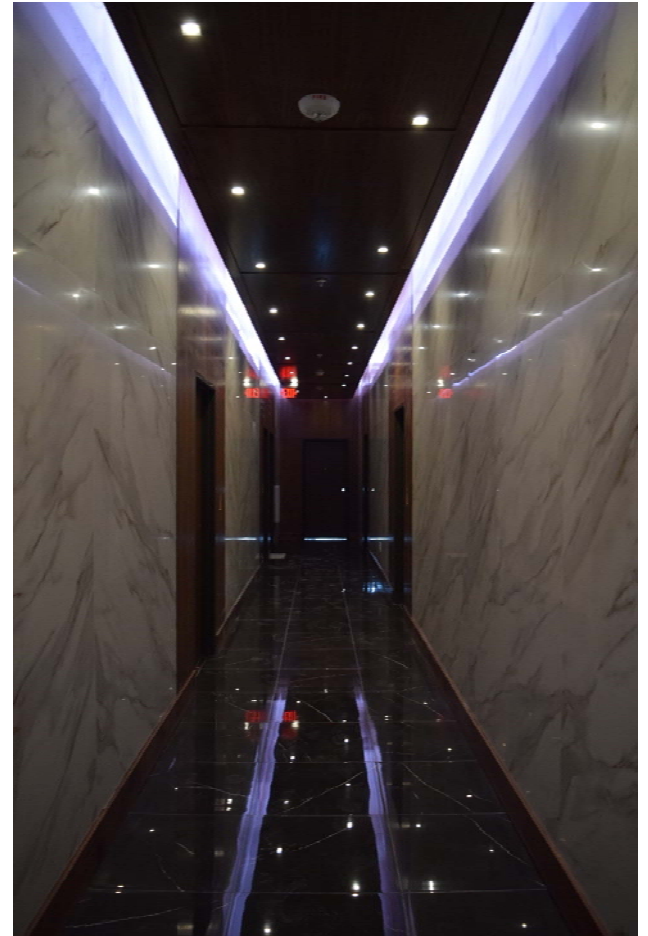
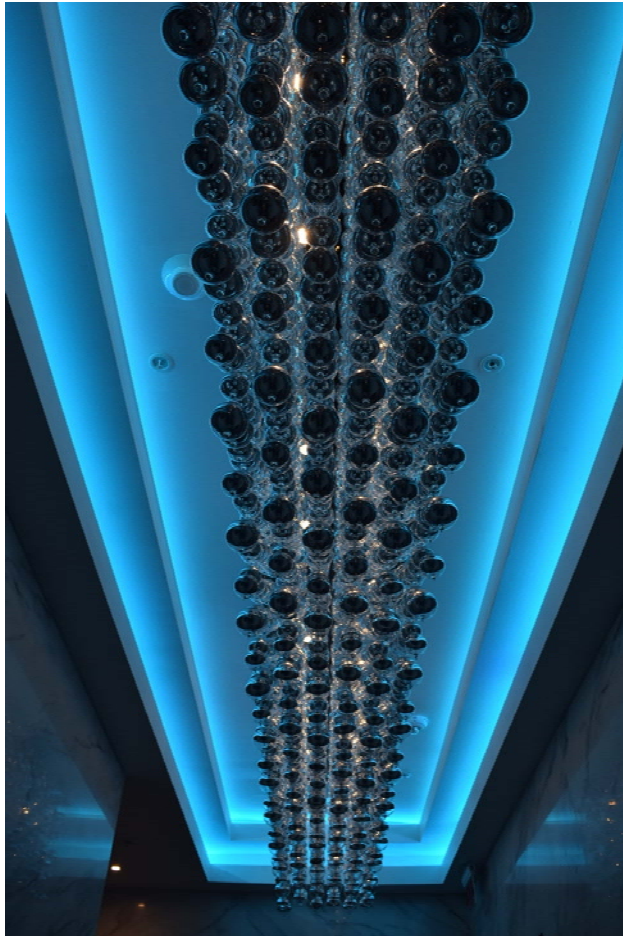
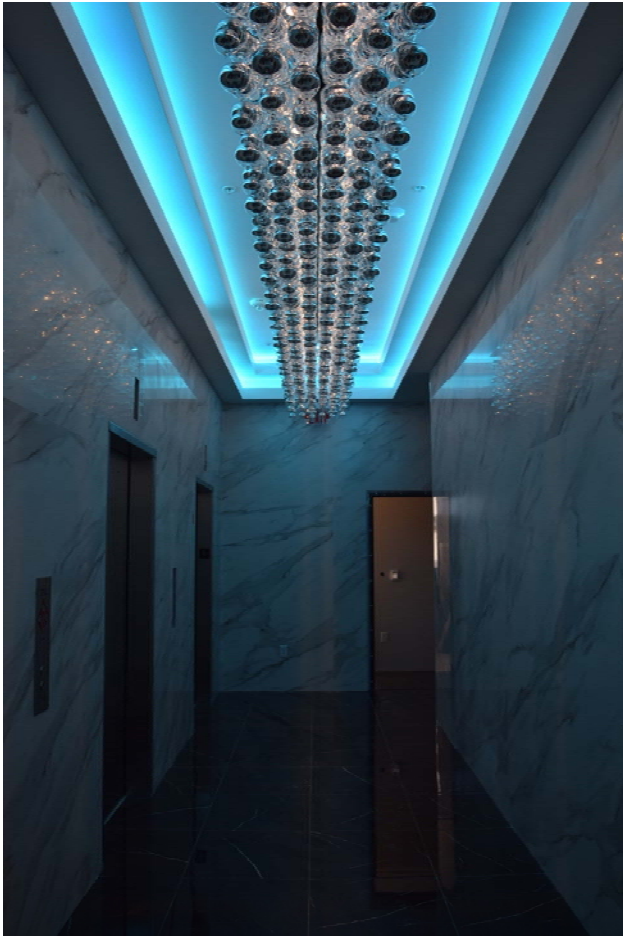


Digital Shower



Entry Screen

Digital Controls



Executive Level



2 Level Penthouse Suite

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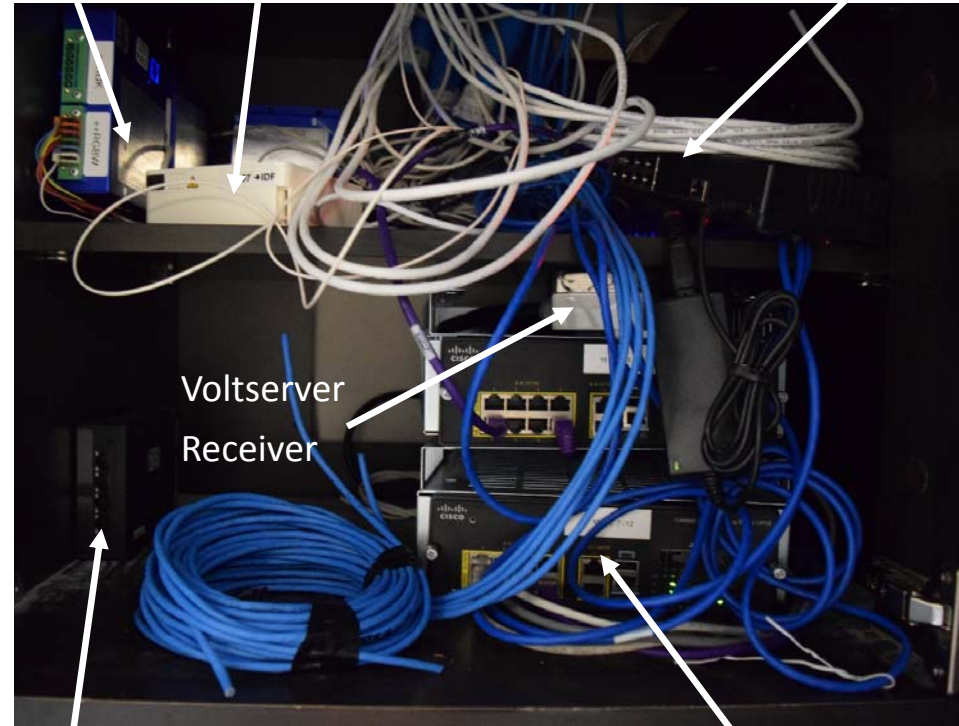
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Typical Hallway Cabinet

Lighting Driver Fiber Module

DTV Brain



ONT

Typical Guestroom Cabinet

Cisco Switch

Device Deployment



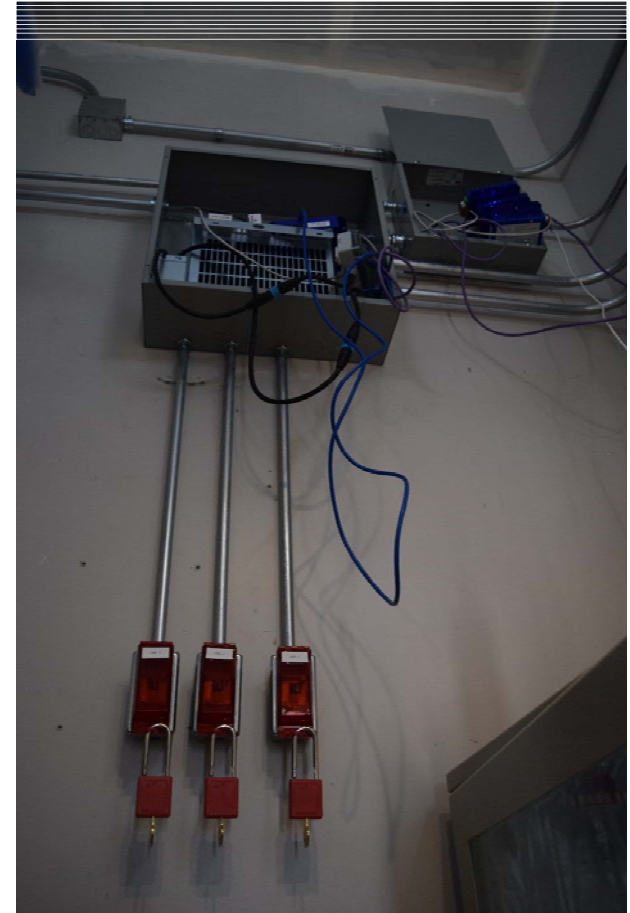
Digital Electricity Deployment

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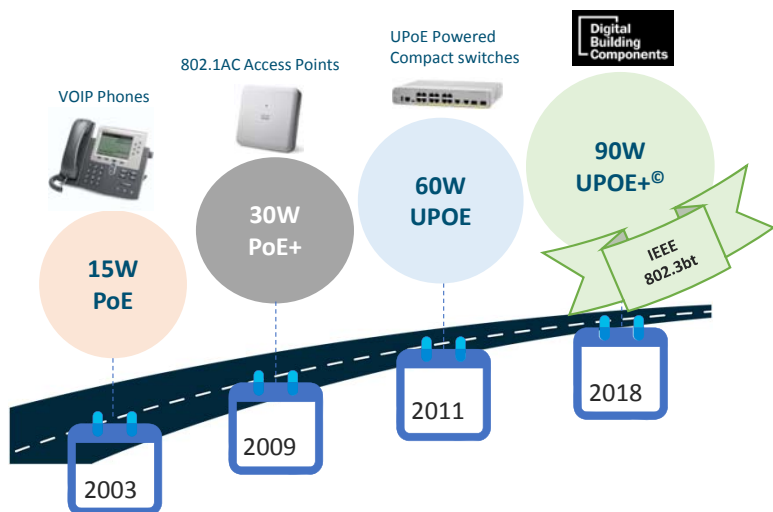
Energy Storage System (ESS)



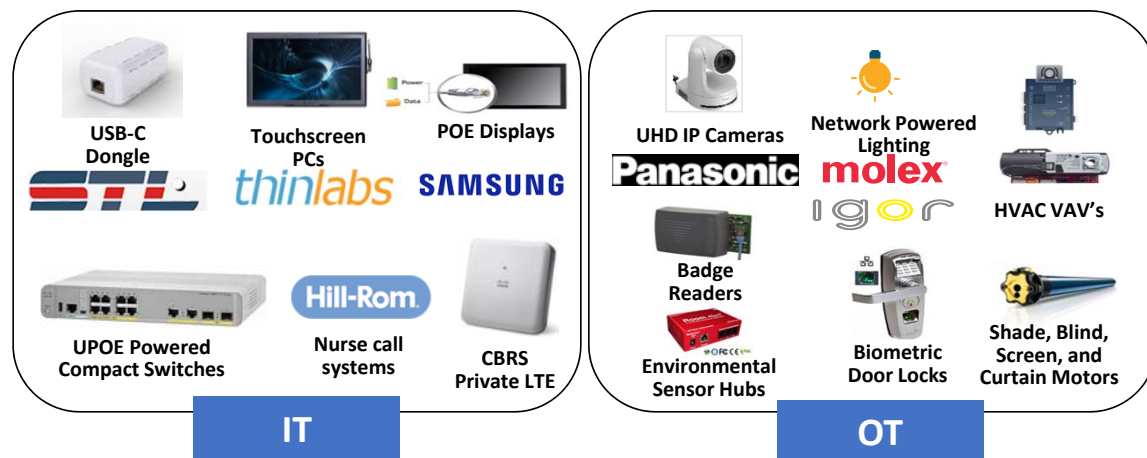
Concessions to the State

Evolution of PoE

UPOE+ Standardization



Growing ecosystem



IEEE standardization expands the PoE ecosystem

- IEEE 802.3bt complements Cisco UPOE by adding 4 new classes of devices
 - Safety measures ensure up to 90W of power is safely delivered

New PoE architectures are emerging with 90W



Orderable Now!

Catalyst 9400 1G UPOE+[®] 90W line card (C9400-LC-48H)



IEEE 802.3bt compliant platforms
Catalyst 9400 and 9300 Series*

UPOE+ / UPOE

Cisco compact switch

PoE+ Passthrough

PoE+



1

Daisy-chaining
(for cable cost savings)

single-pair PoE



2

Single Pair PoE
(for replacing RSxxx for BMS)

USB-C Power + Data



3

USB-C power
(laptop/phone charging + data)

*IEEE 802.3bt Type 3 (60W) supported on C9300 with IOS-XE 16.12.1. Type 4 (90W) in roadmap.

THANK YOU!

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