

Constellation™



One unified power/data platform—so many applications

Constellation is a streamlined, modular and adaptable power/data delivery platform designed specifically for today's hyperconnected enterprise networks. Featuring modular components deployed in a simplified, repeatable architecture, Constellation easily adapts to meet the power and data needs of virtually any connected environment—from airports, educational campuses and data centers to office buildings, stadiums, warehouses and more. The result is a simplified, scalable network that can dramatically reduce the time, cost and complexity of supporting connected devices, in-building and across campus.

REFERENCE ARCHITECTURES

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Stadium/large venue	5
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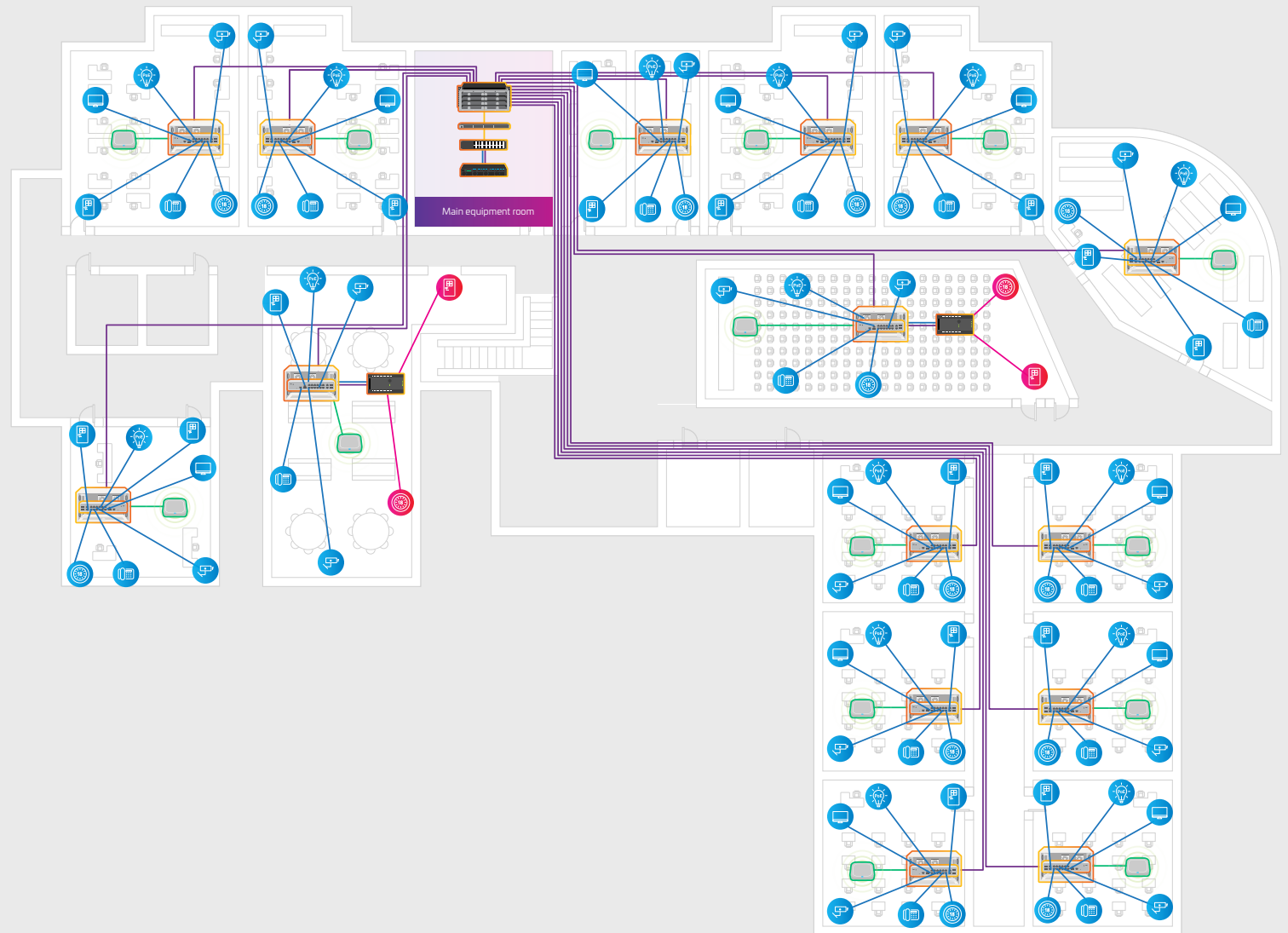
Constellation™ reference architectures

Note: Placement and quantity of Constellation Points are for demonstration of general architecture. Please see design guidelines to determine quantity of Constellation Points and placement.

Maximum distance from main equipment room is 500 meters with 1,000-watt power delivery.

LEGEND

-  High-powered fiber cable
-  Singlemode patch cord
-  IP devices
-  Powered fiber for ERA® UAP-2
-  IP BAS controller with power
-  BAS device wiring
-  Propel™ fiber shelf
-  Aggregation/core fiber switch
-  ERA® UAP
-  Constellation convergence point
-  PoE switch (inside Constellation Point)
-  Power transmitter
-  Power transition panel
-  Building automation controller



Multi-tenant data center

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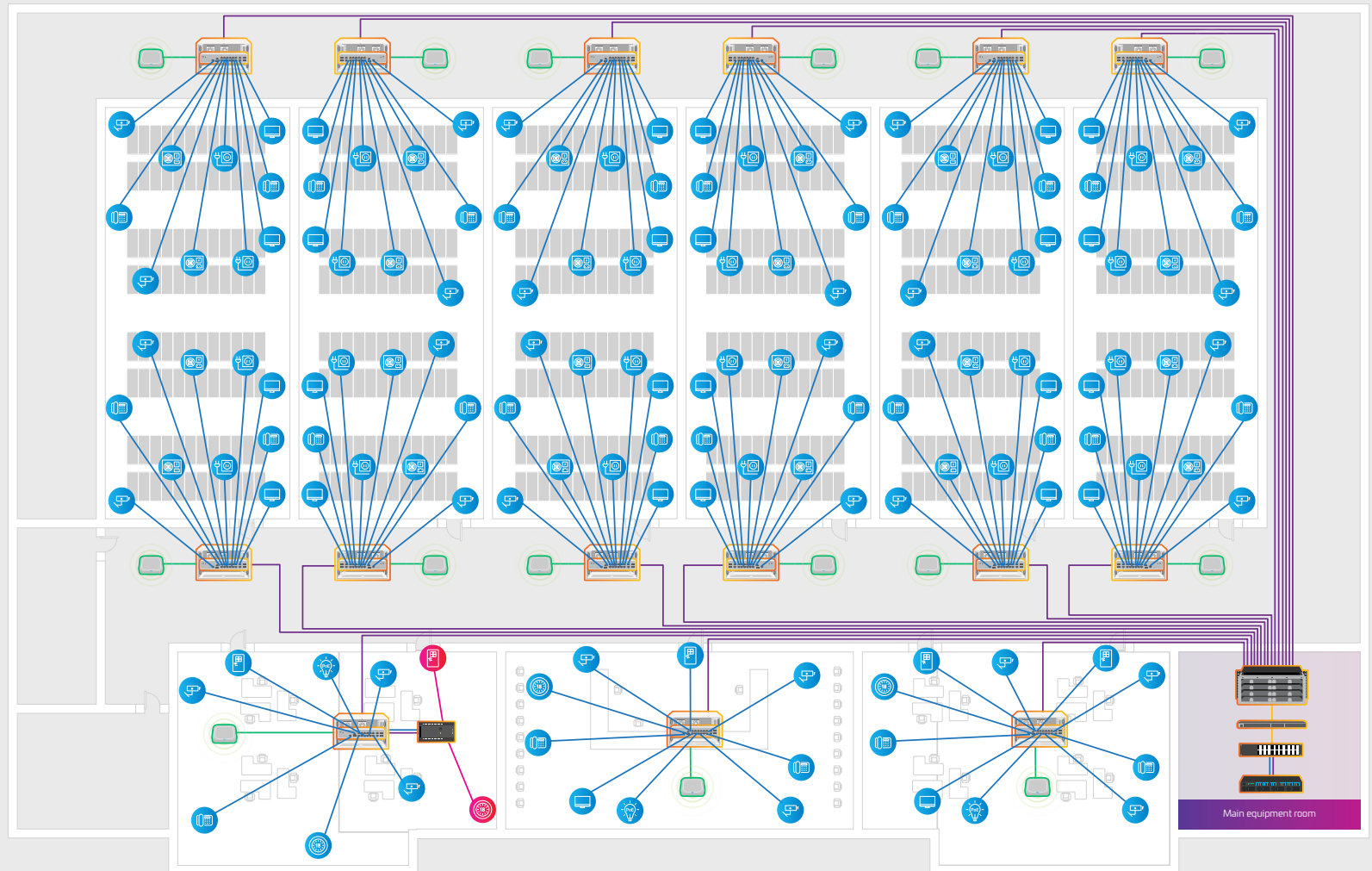
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One-level building















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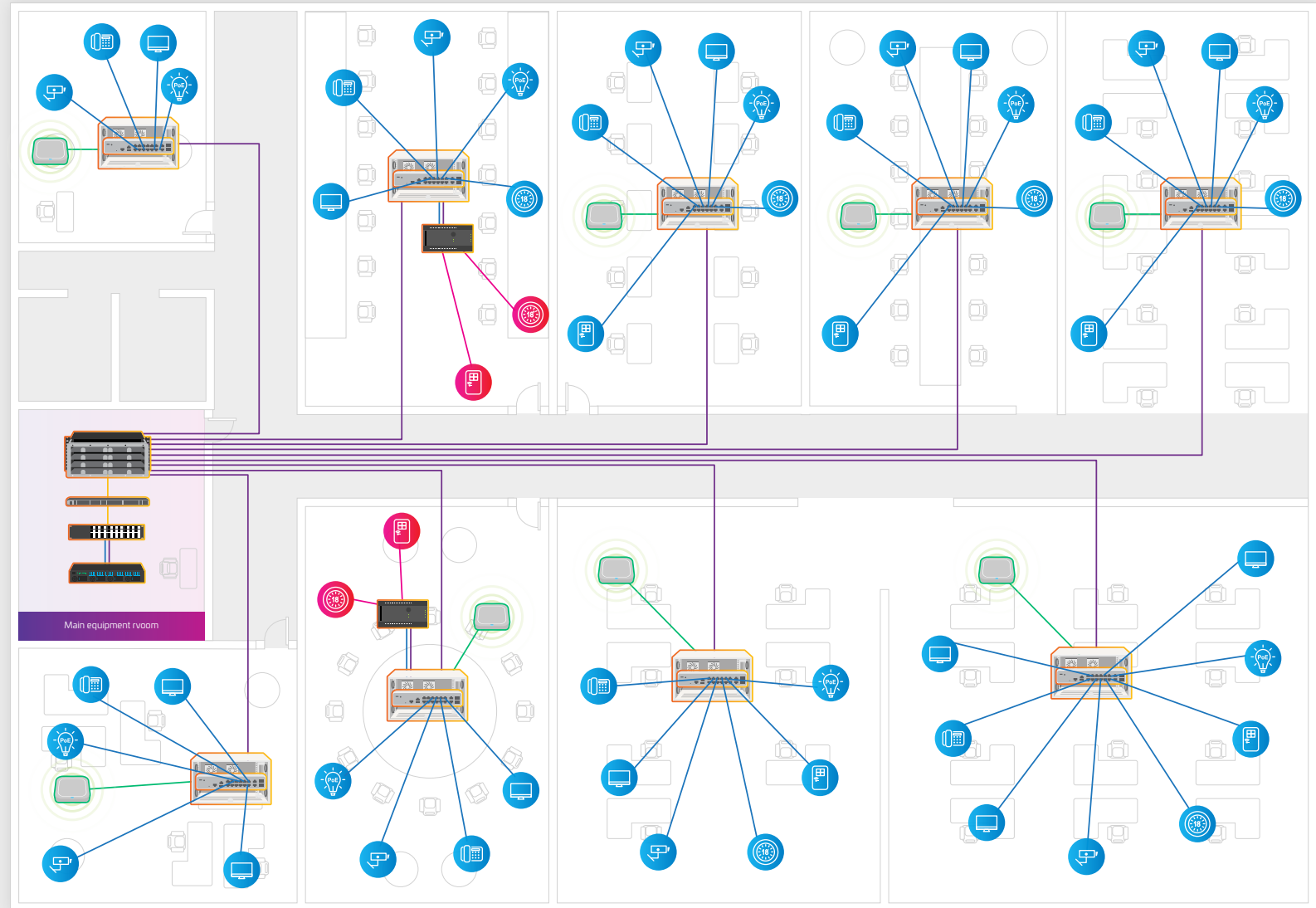
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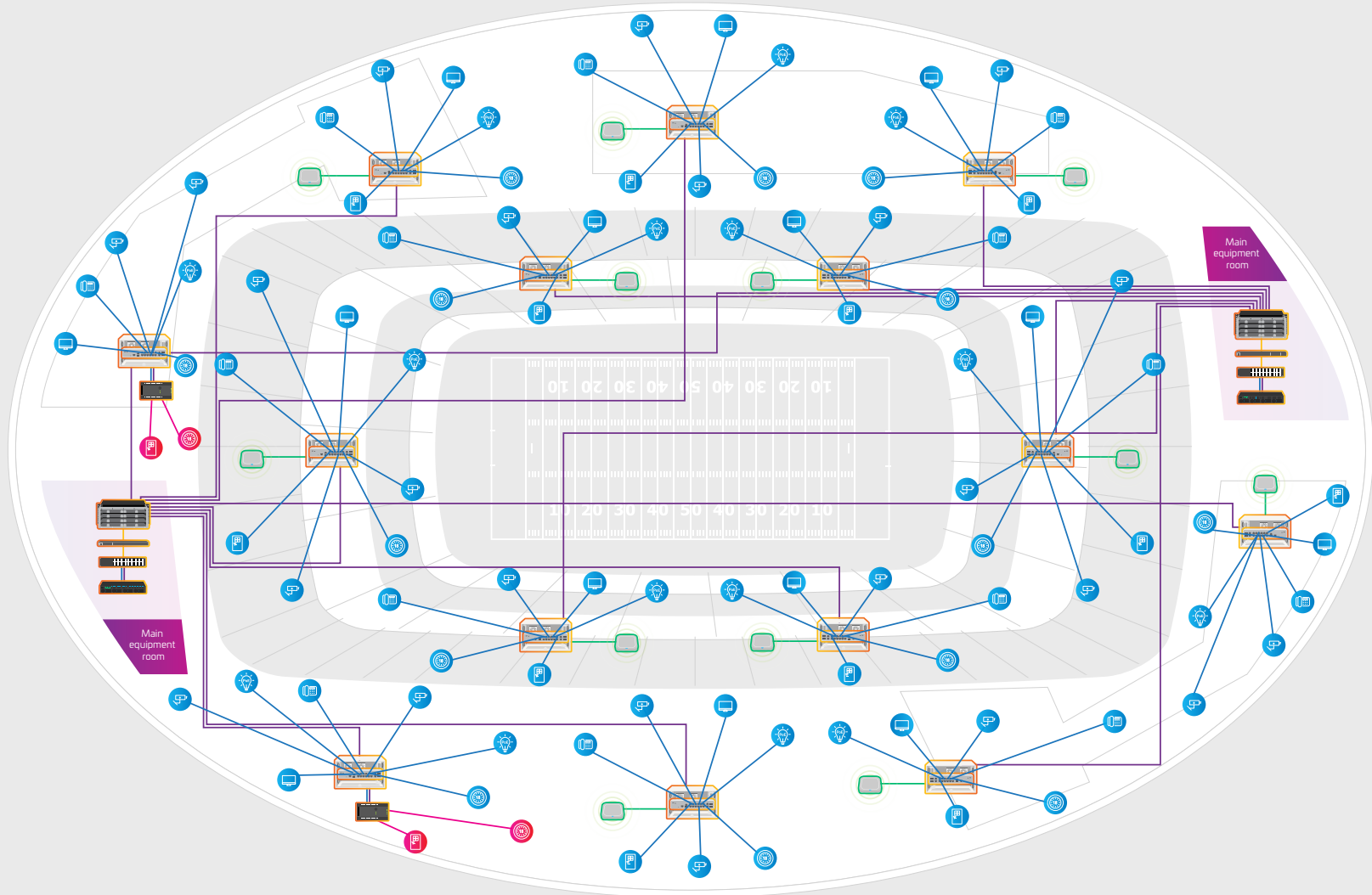
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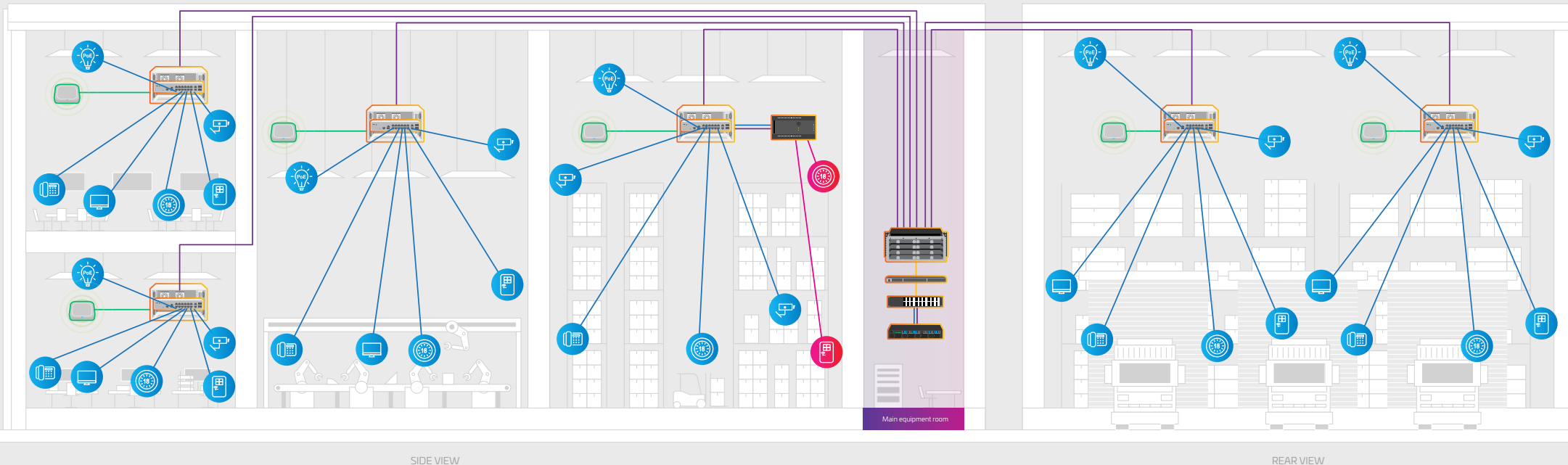


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SIDE VIEW

REAR VIEW

LEGEND

High-powered fiber cable

Powered fiber for ERA® UAP-2

BAS device wiring

Aggregation/core fiber switch

Constellation convergence point

Power transmitter

Building automation controller

Singlemode patch cord

IP devices

IP BAS controller with power

Propel™ fiber shelf

ERA® UAP

PoE switch (inside Constellation Point)

Power transition panel

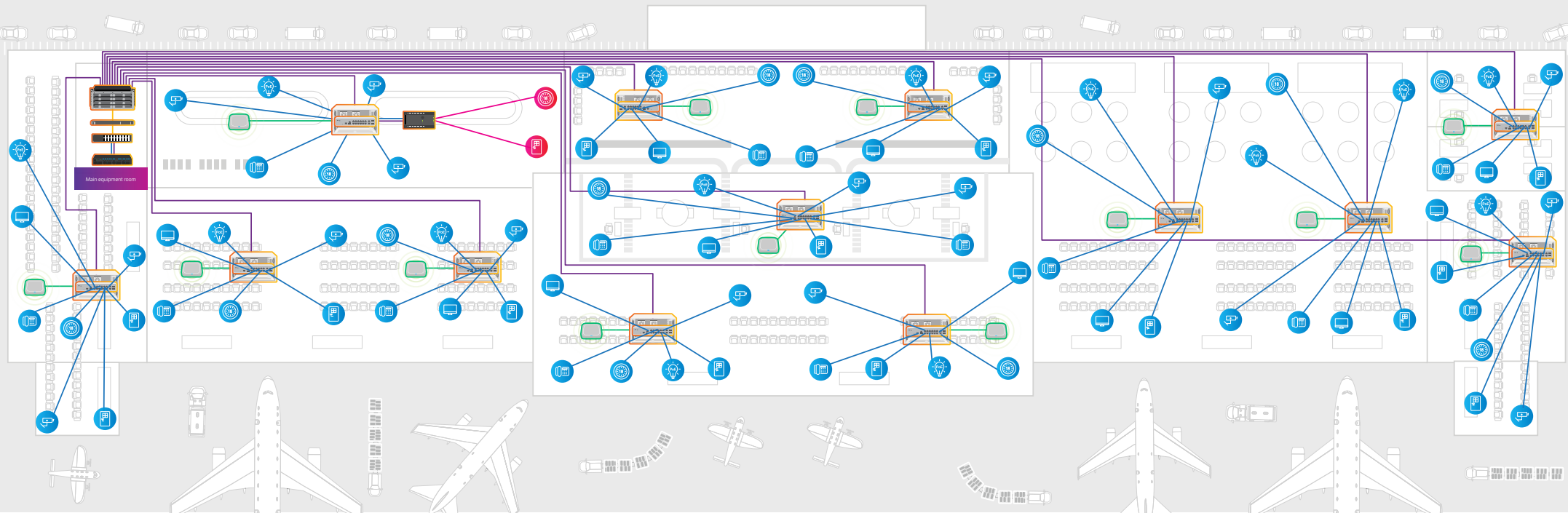
Airports/transportation hubs

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LEGEND

High-powered fiber cable	Powered fiber for ERA® UAP-2	BAS device wiring	Aggregation/core fiber switch	Constellation convergence point	Power transmitter	Building automation controller
Singlemode patch cord	IP devices	IP BAS controller with power	Propel™ fiber shelf	ERA® UAP	PoE switch (inside Constellation Point)	Power transition panel















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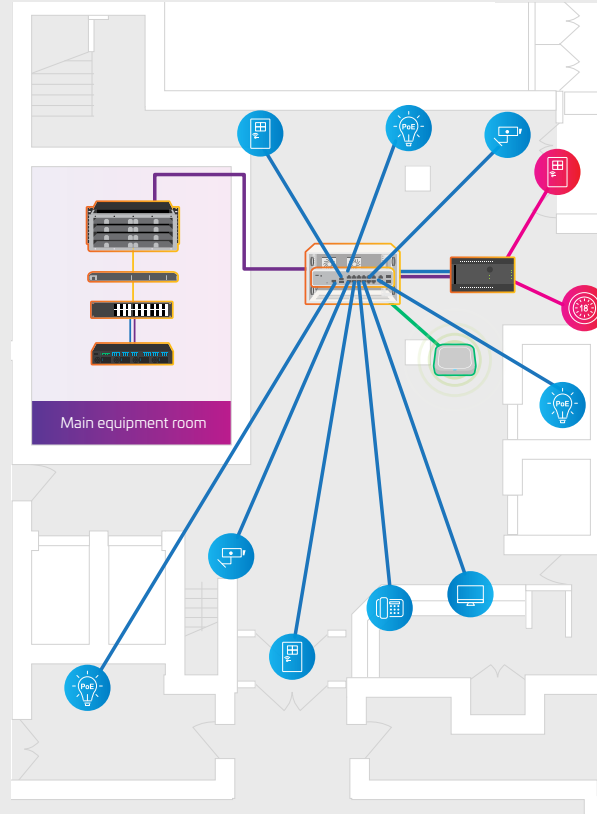
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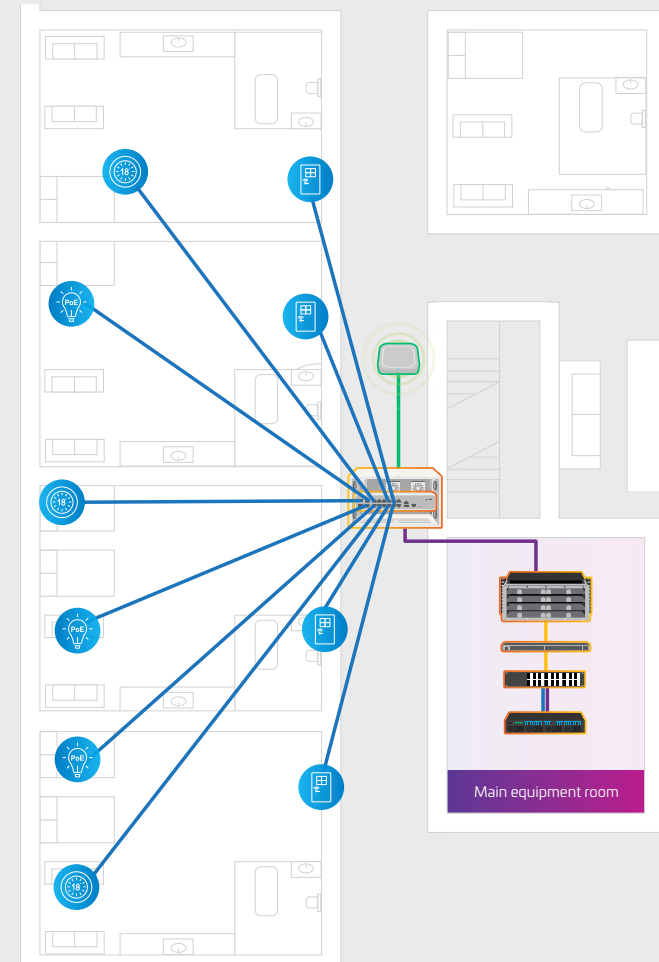
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FLOOR 1 - LOBBY



FLOOR 2 - CORRIDOR















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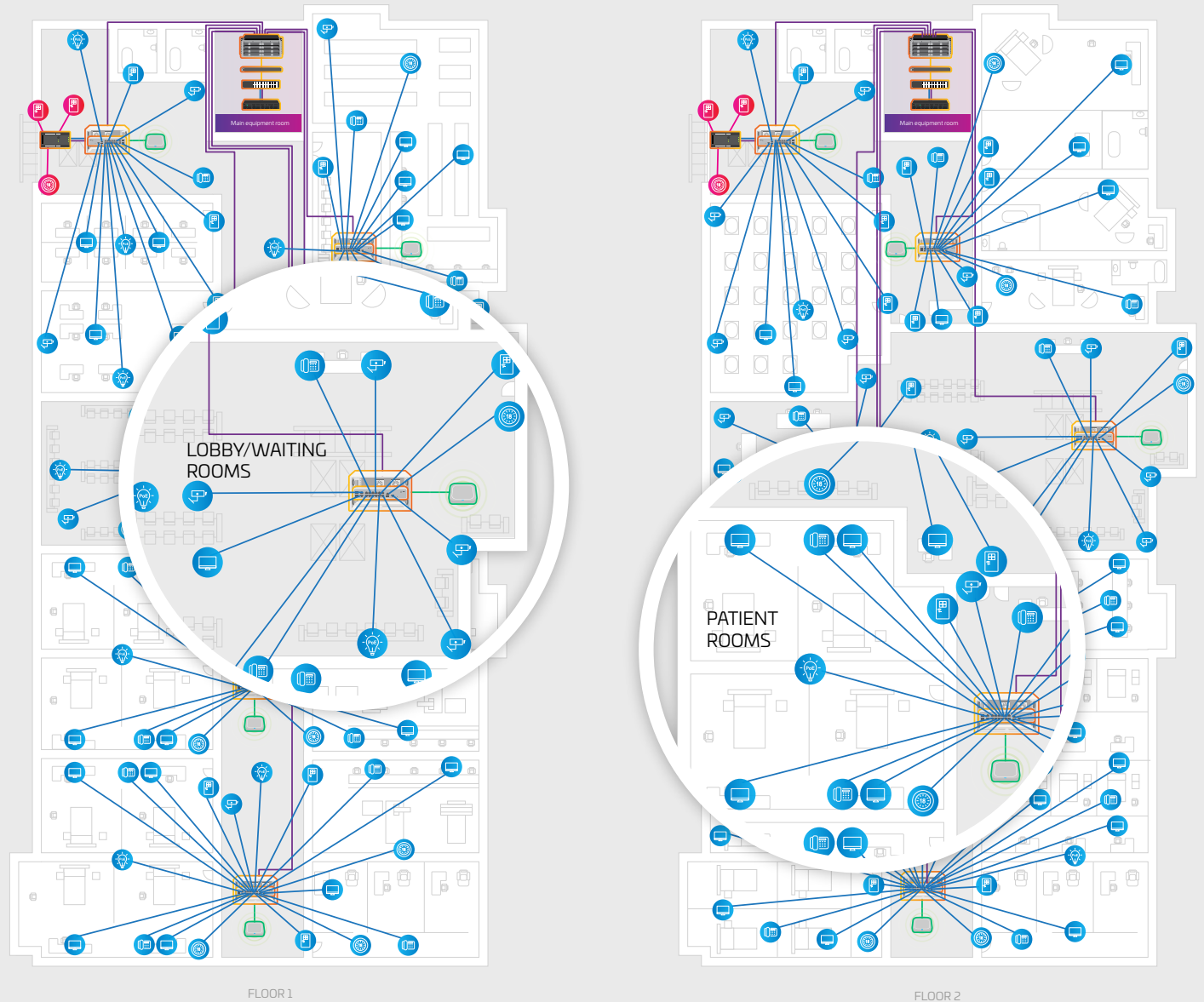
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CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement.

We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com.

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