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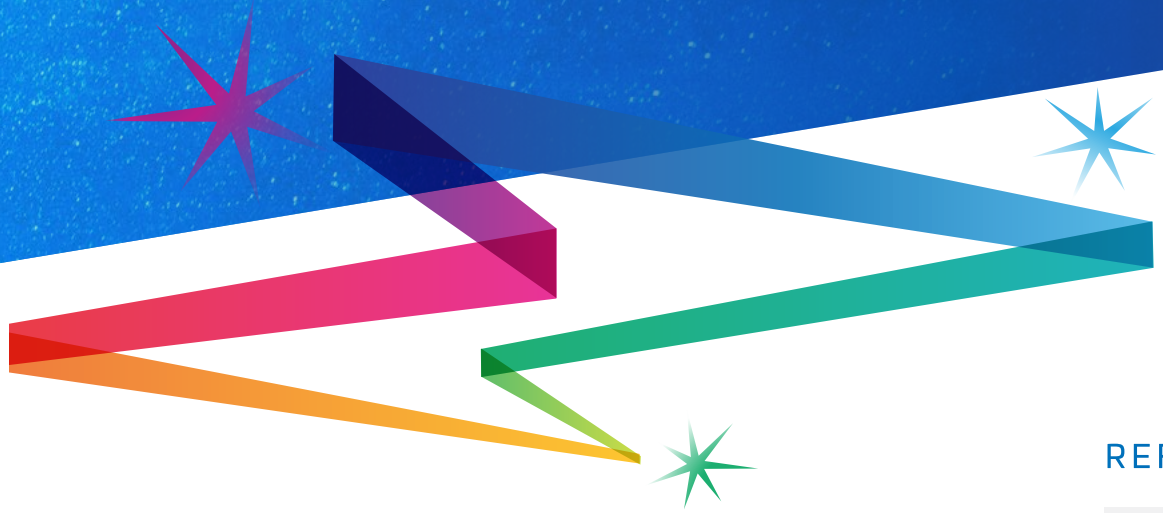
Constellation™



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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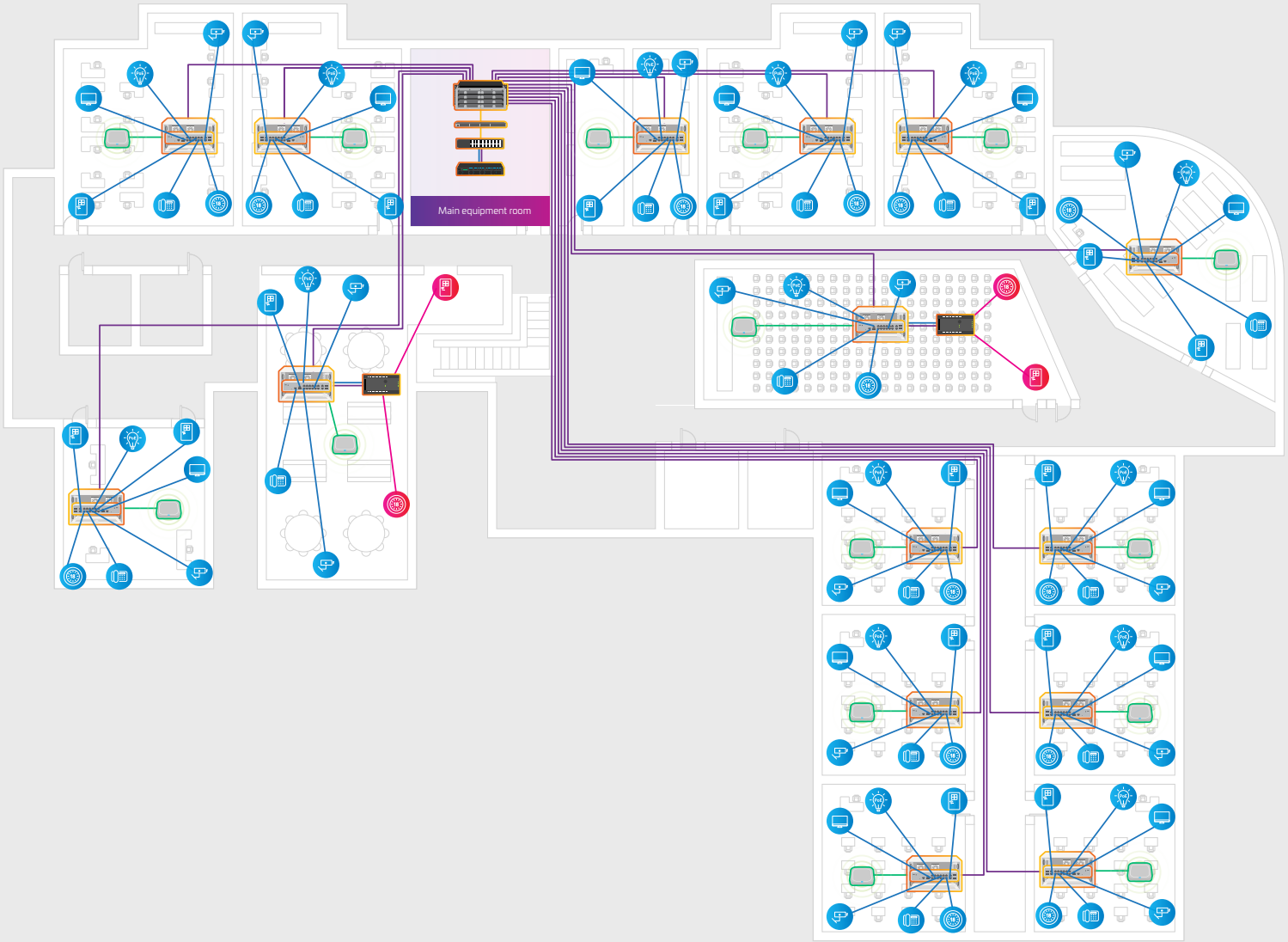
Constellation™ reference architectures

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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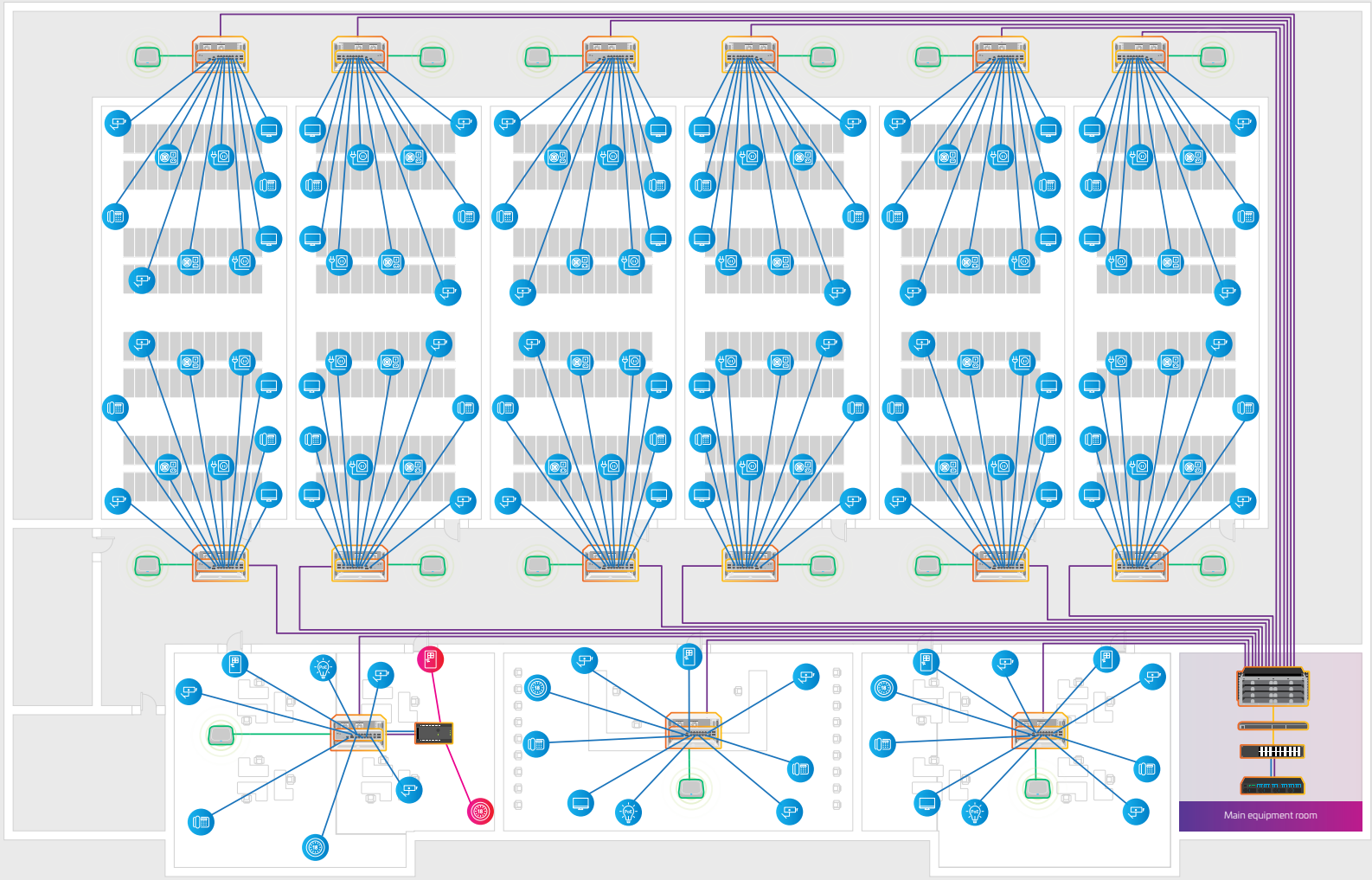
- Building automation controller



One-level building

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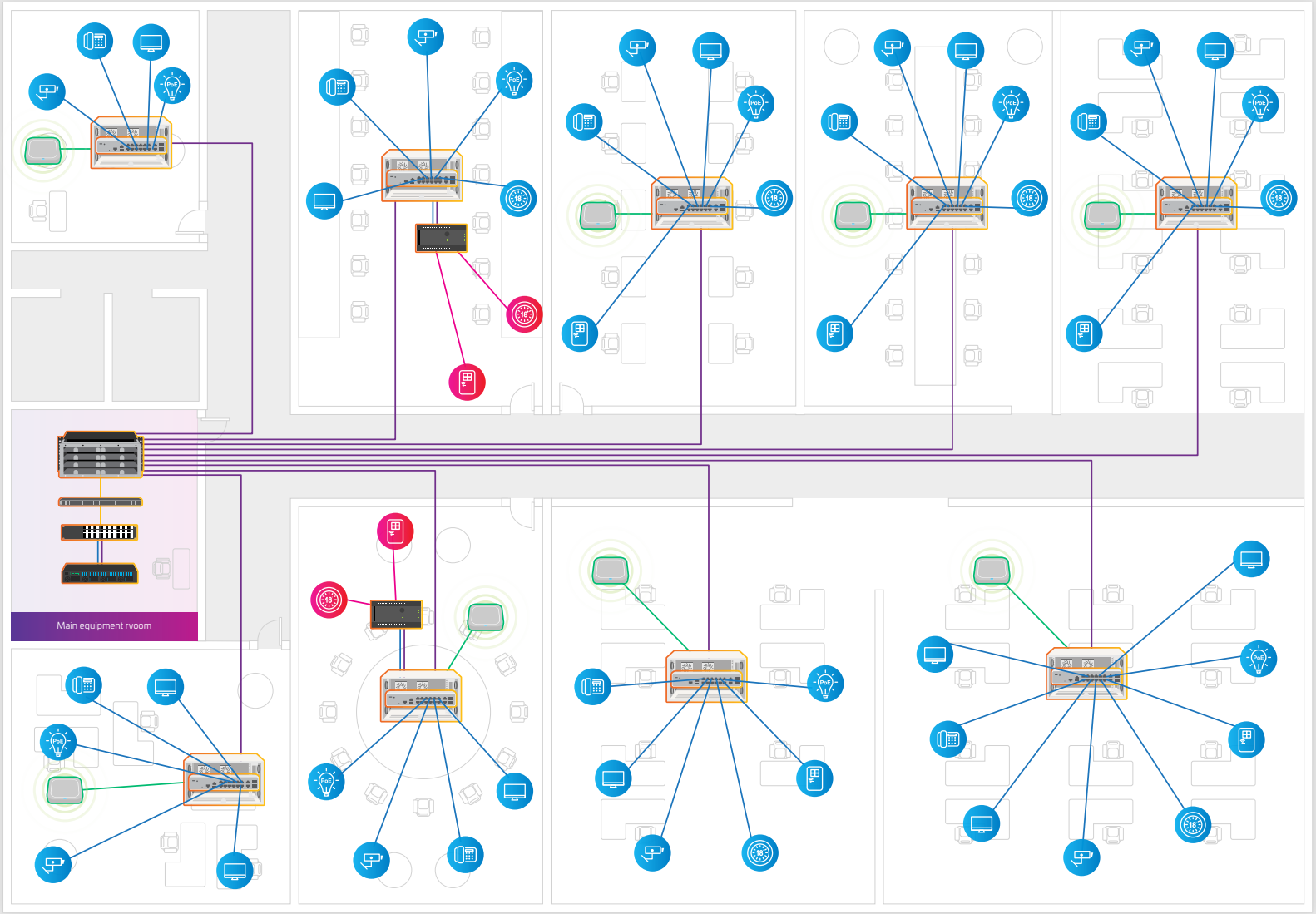
- Building automation controller



Stadium/large venue

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LEGEND

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- Singlemode patch cord
- IP devices
- Powered fiber for ERA® UAP-2
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- Propel™ fiber shelf
- Aggregation/core fiber switch
- ERA® UAP
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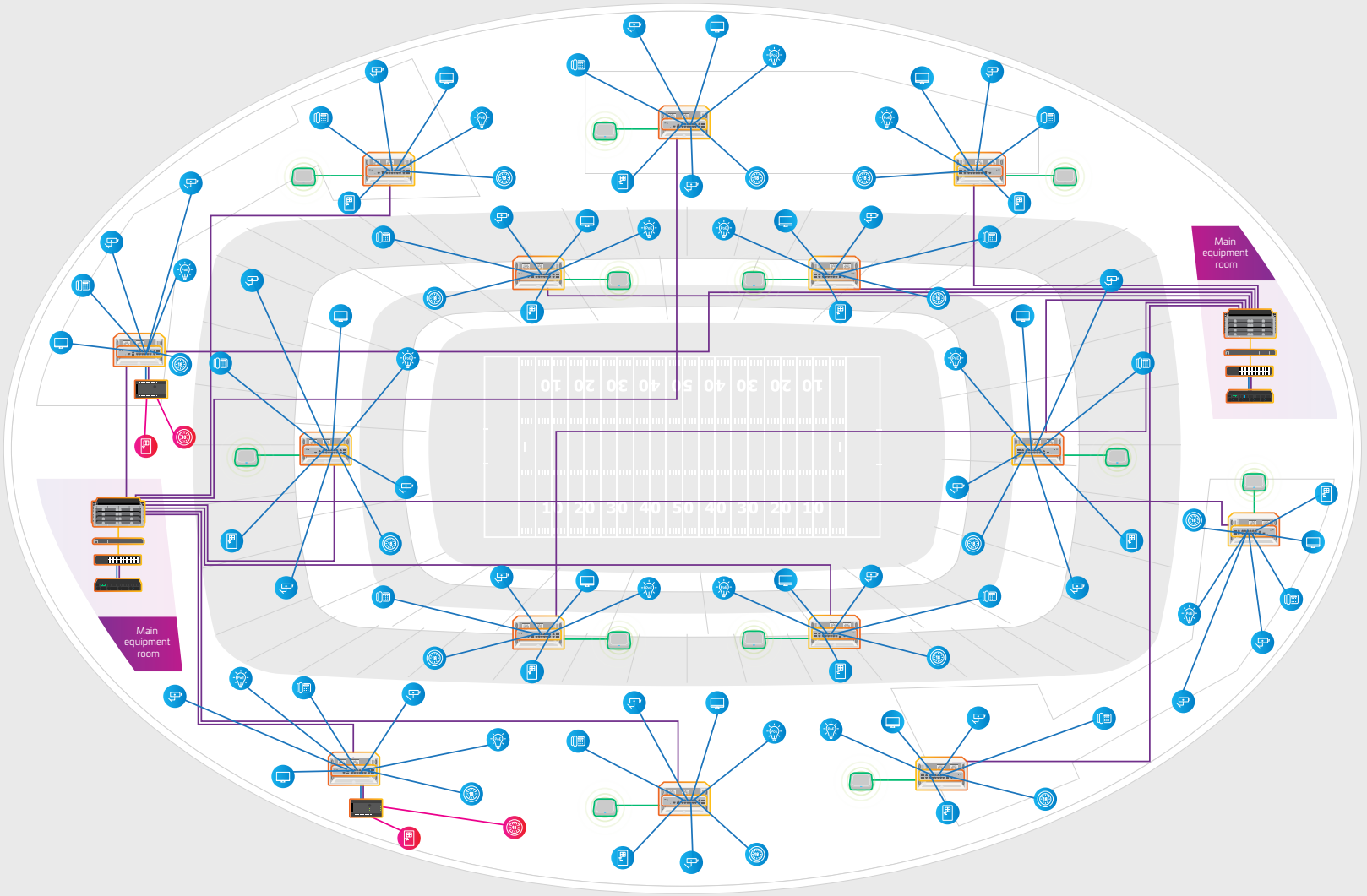
- Power transition panel
- Building automation controller



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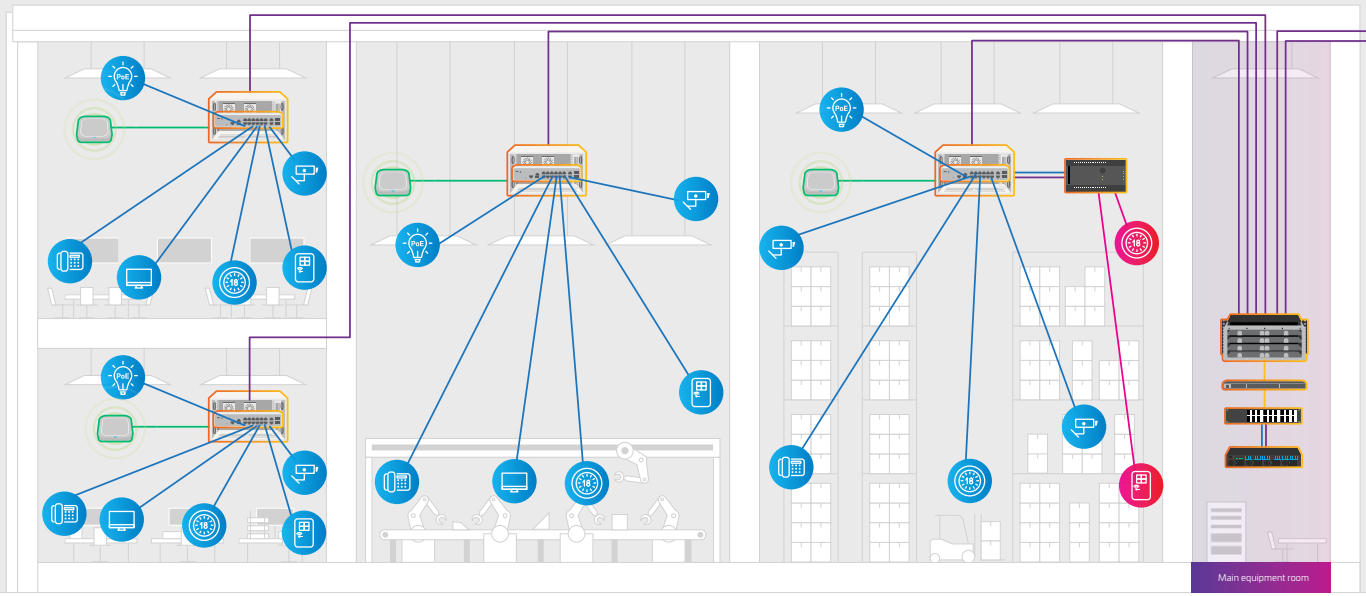
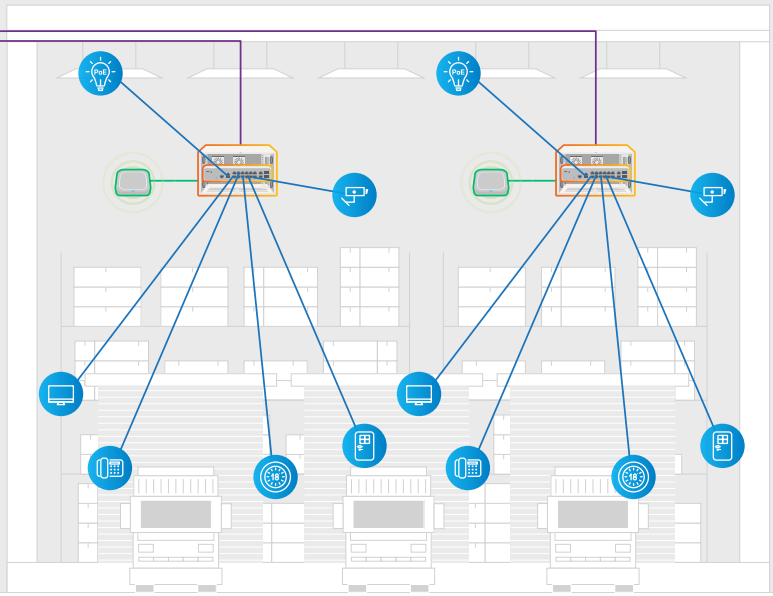


SIDE VIEW



REAR VIEW

LEGEND

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- Singlemode patch cord
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- BAS device wiring
- IP BAS controller with power
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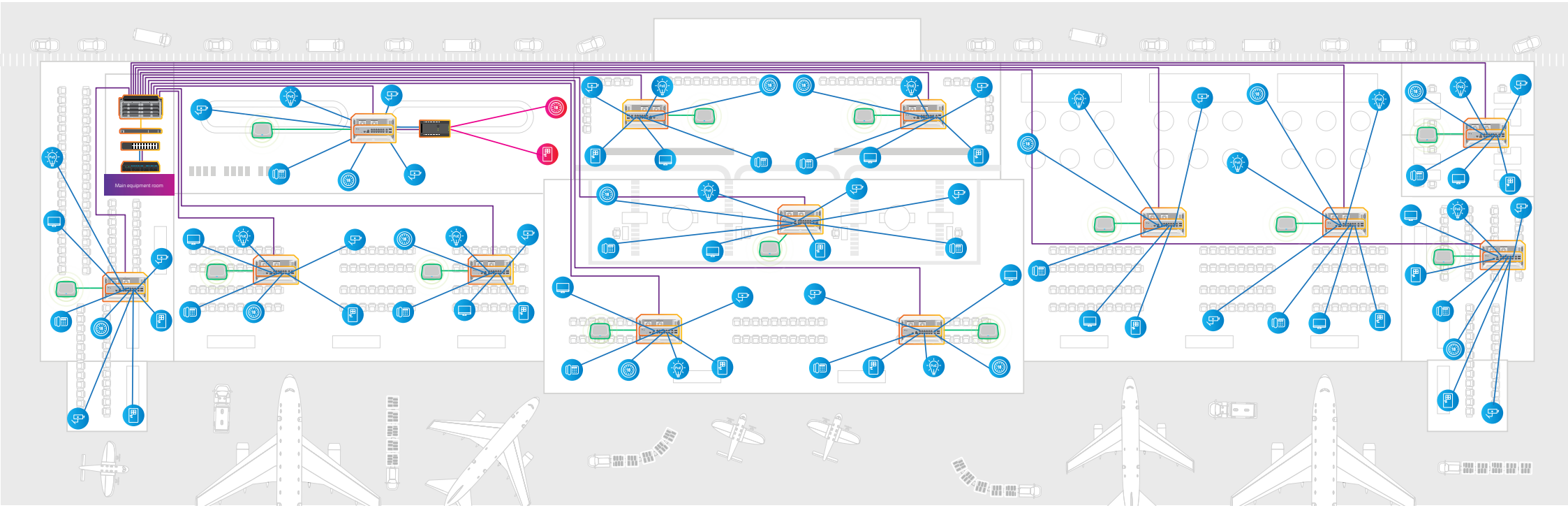

LEGEND

- High-powered fiber cable
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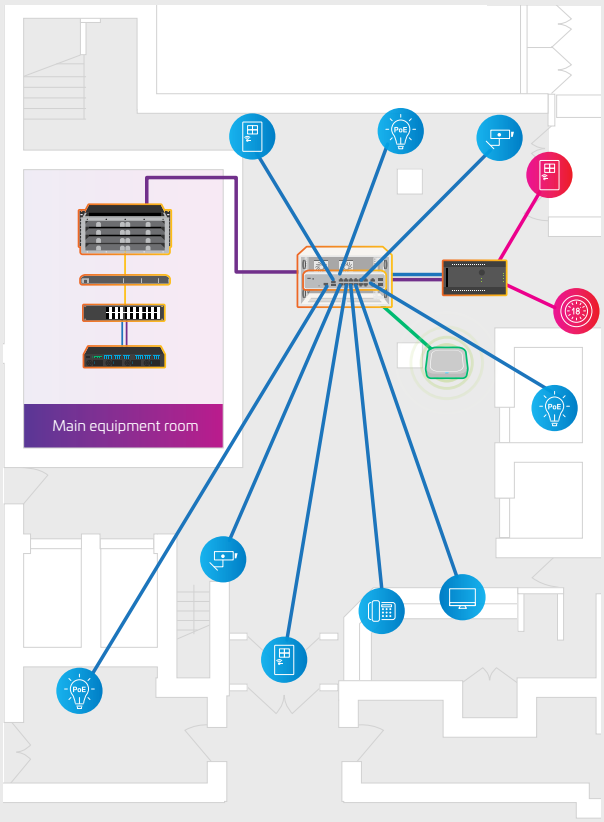
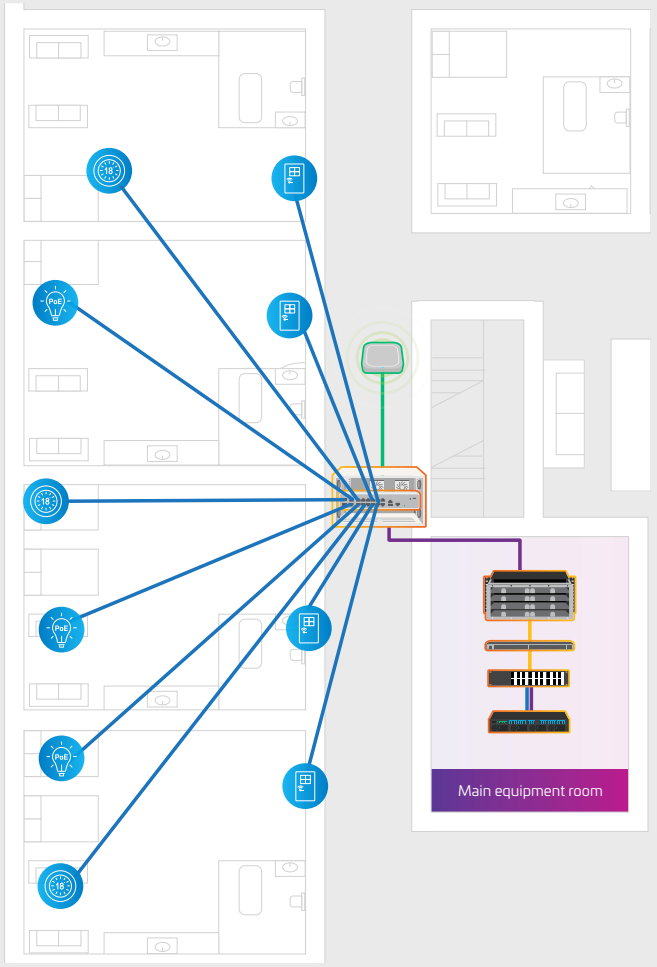


FLOOR 1 - LOBBY



FLOOR 2 - CORRIDOR

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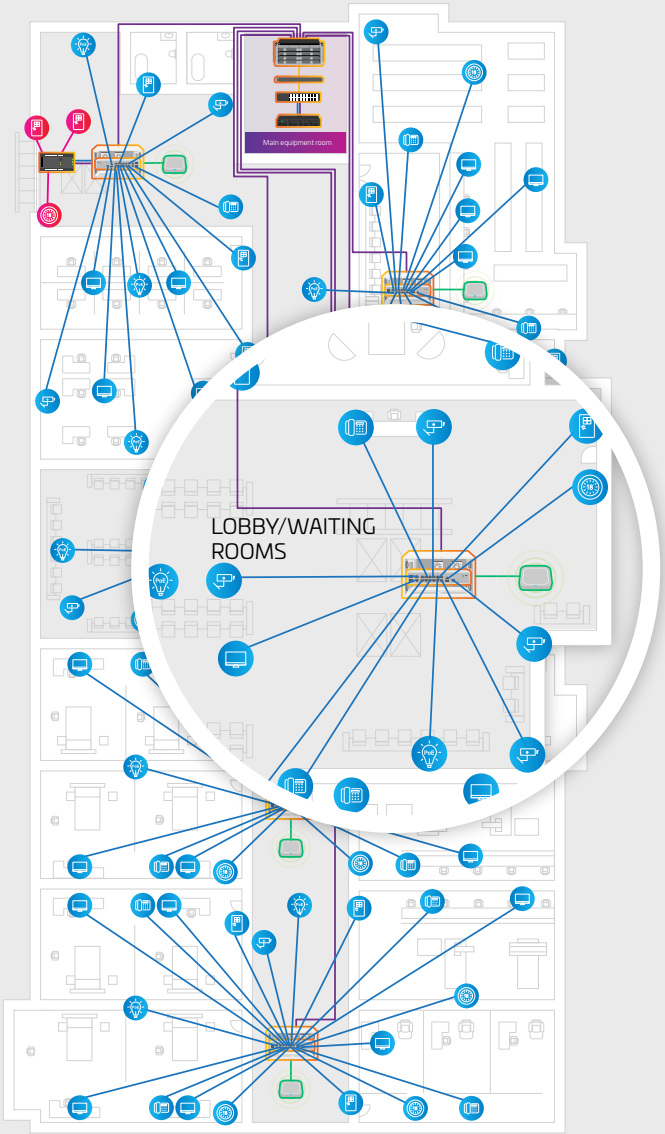
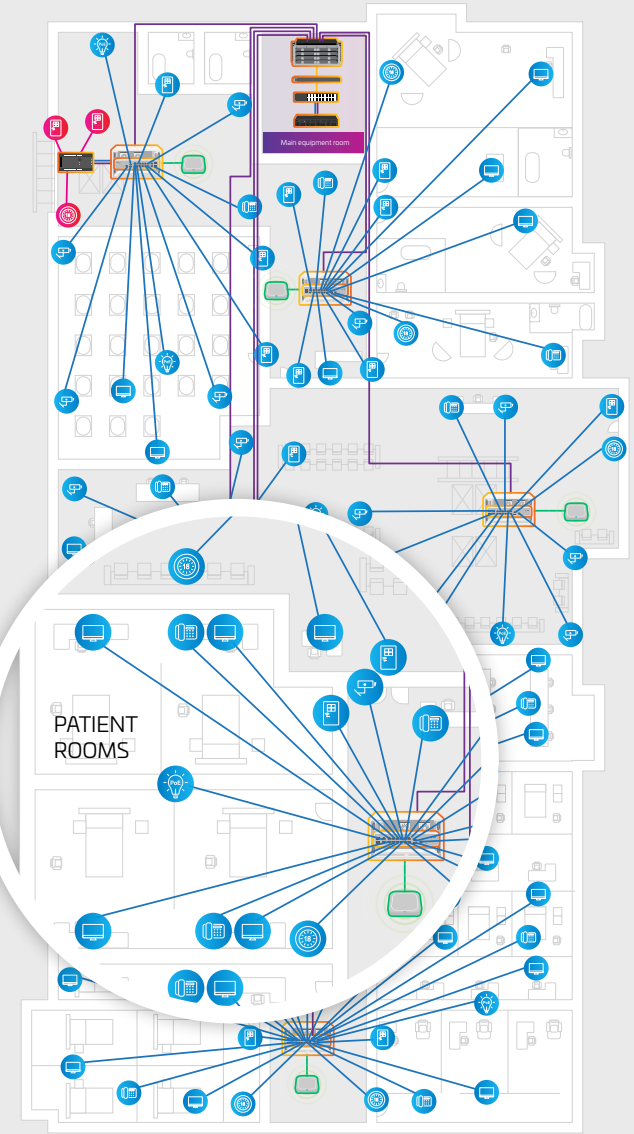


FLOOR 1



FLOOR 2

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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commscope.com

Visit our website or contact your local CommScope representative for more information.

CO-117940-EN (08/23)