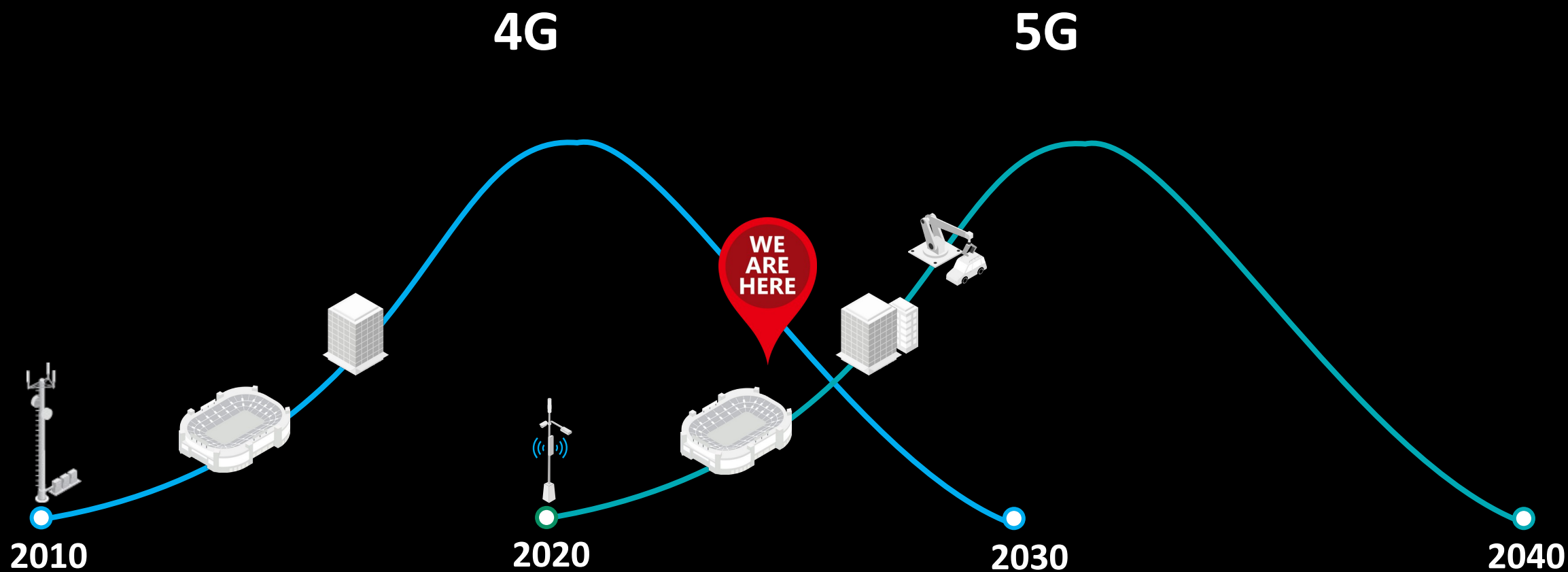




# Bringing Open RAN Indoors

Luigi Tarlazzi – VP, ICN Engineering @ CommScope

# The G Cycles



10 years

10 years

10 years

# Industry Trends



# Bringing Open RAN Indoors

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Opportunity



Better TCO



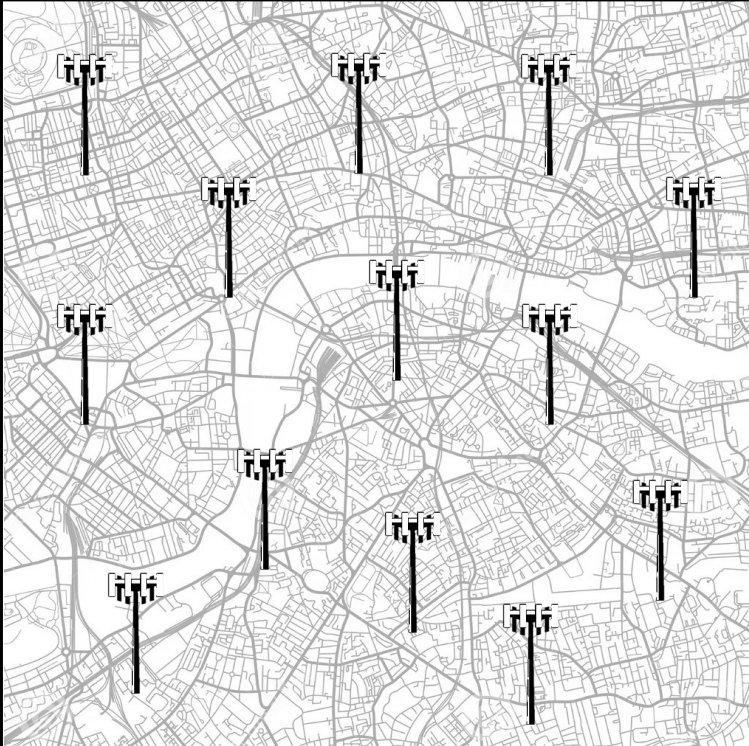
Proven  
Ecosystem



Convergence



# Open RAN Opportunities



Macro Networks



In-building Networks

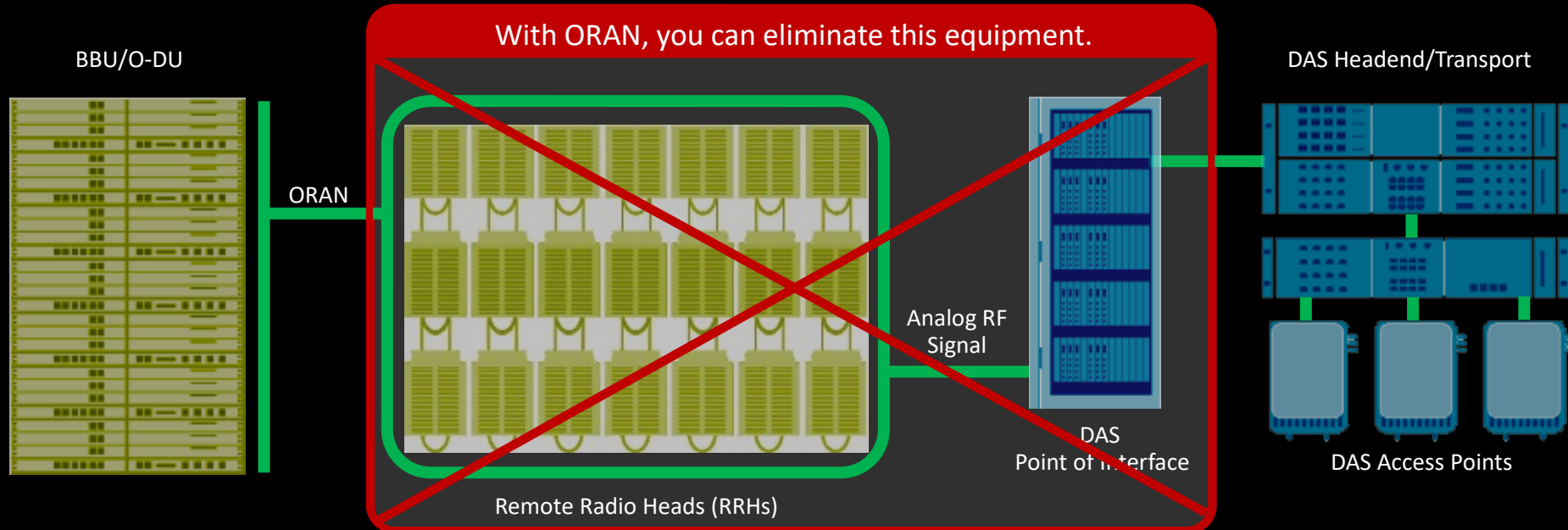
Stadiums
Arenas
Airports
Train Stations
Subways
Tunnels
Campuses
Healthcare
Manufacturing
Commercial Real Estate
Retail

Sustainable

Simple

## Increasing potential for Open RAN within in-building

# Smaller Footprint + Better TCO = Better Sustainability



90%

Reduced Space  
and Cabling



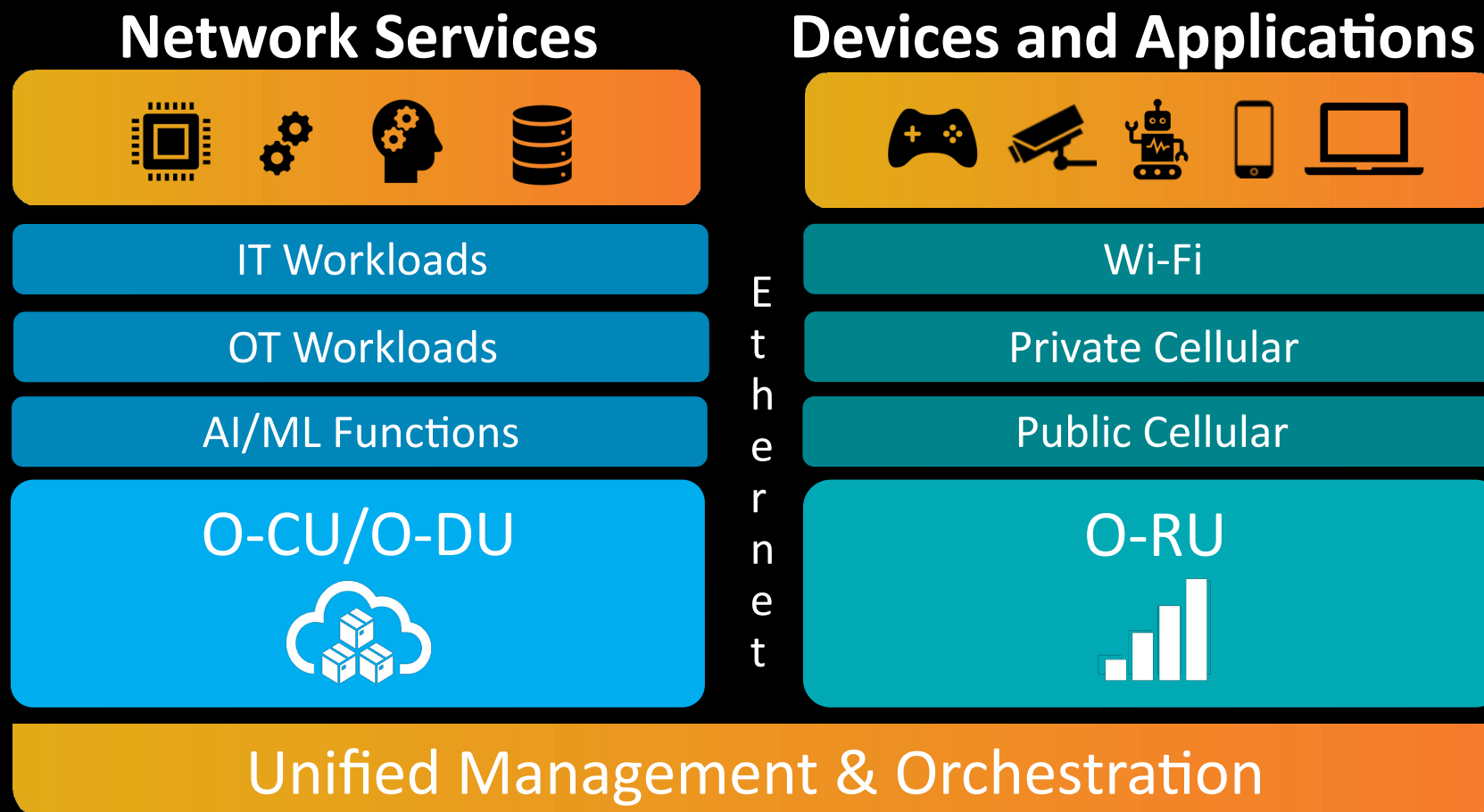
55%

Reduced Power  
and HVAC

# Proven In-Building Ecosystem



# Disaggregation and Convergence



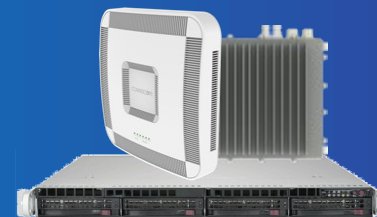


# How We Bring Open RAN Indoors

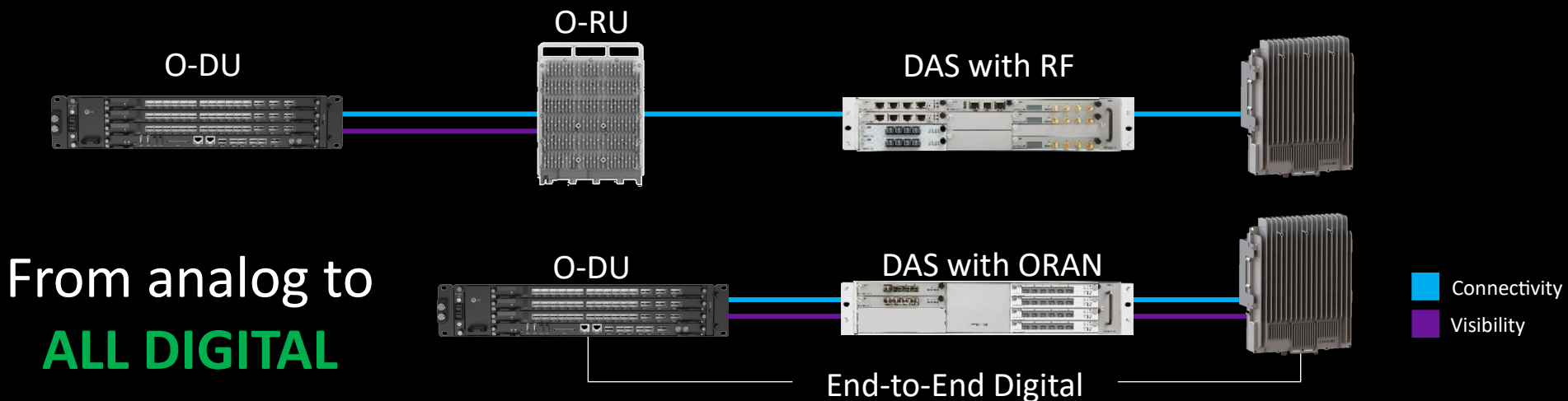
## Digital DAS



## ORAN Small Cells



# Open RAN Distributed Antenna System



Better Performance



More Sustainable

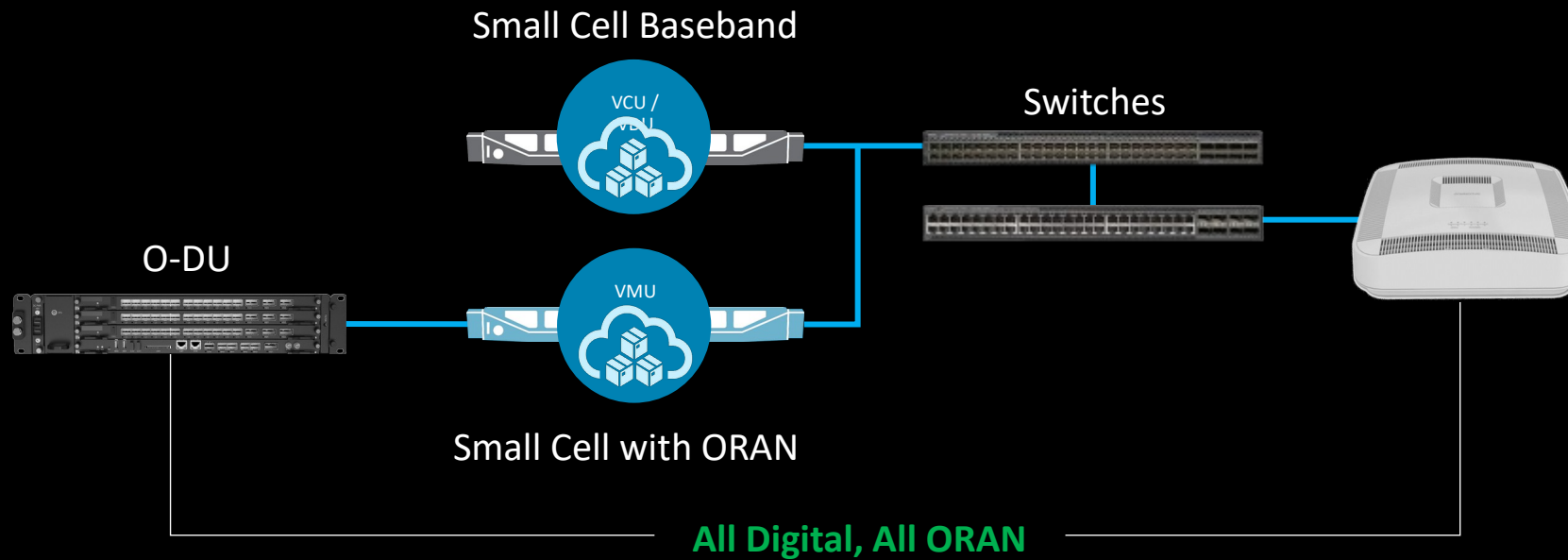


More Flexible



Zero-Touch Config

# Open RAN Small Cell



Open Connectivity



Virtualized and Orchestrated

# Bringing Open RAN Indoors



Potential opportunities increasing



Lower TCO and faster deployments of in-building cellular



Proven business, deployment and support models



Enabler for open, shared, virtualized and converged networks





## **Bringing Open RAN Indoors**

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#bringingoranindoors