

CABLE-TEC EXPO® 2017

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THE NEXT BIG...

DEAL
CONNECTION
INNOVATION
TECHNOLOGY
LEADER
NETWORK



DENVER, CO
OCTOBER 17-20



**Ethernet activation goes
digital:
The next-generation of
automated service-activation
systems and tools for MSOs**

Mark Gibson

Director of Product Management
Amdocs



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The MSO operational model cannot keep pace

For an average service provider the time it takes to launch a new service is about



9-18 months



Amazon service-launch-frequency is



11 seconds

For an average service provider the number of servers per admin



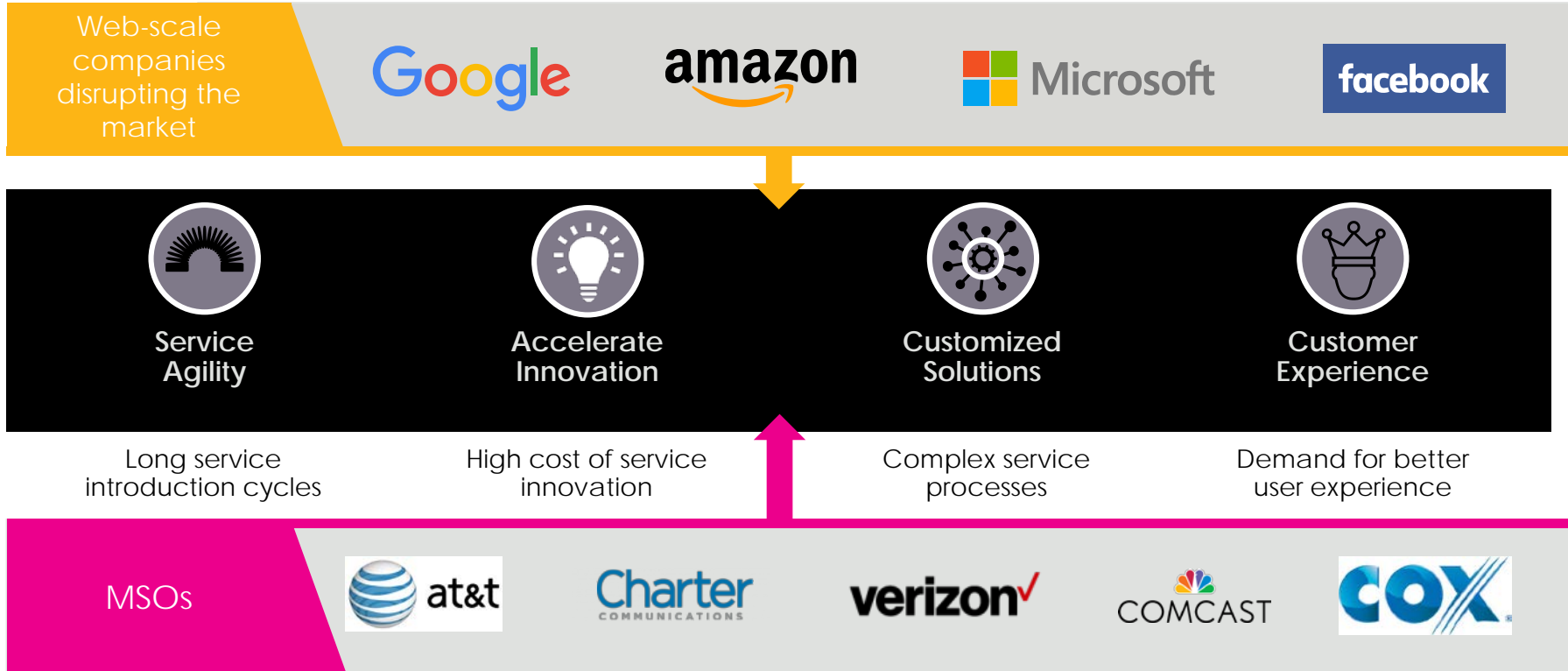
<100 servers

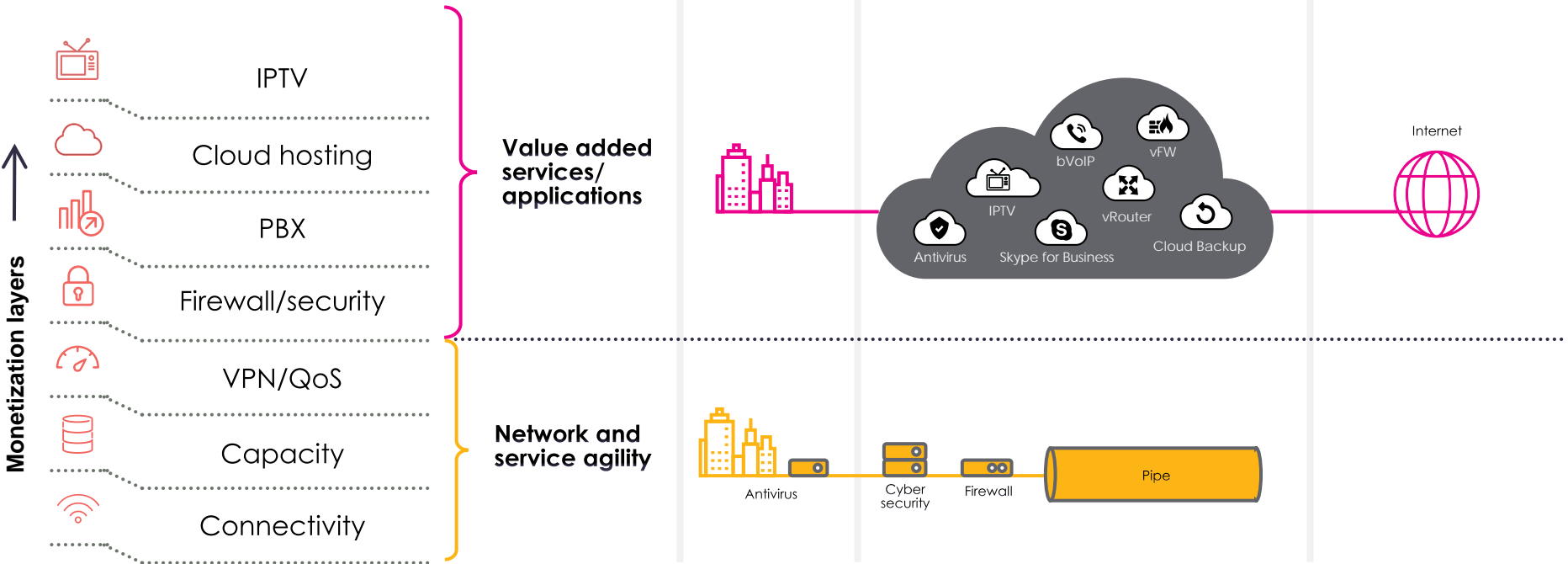


Number of servers per admin at cloud data center



~15,000





Stadium example of a future digital MSO

Today (Static)



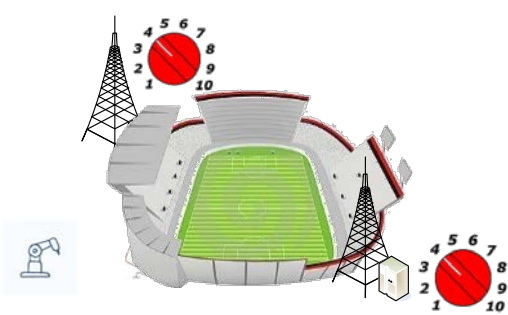
Concerts



Matches



Tradeshows



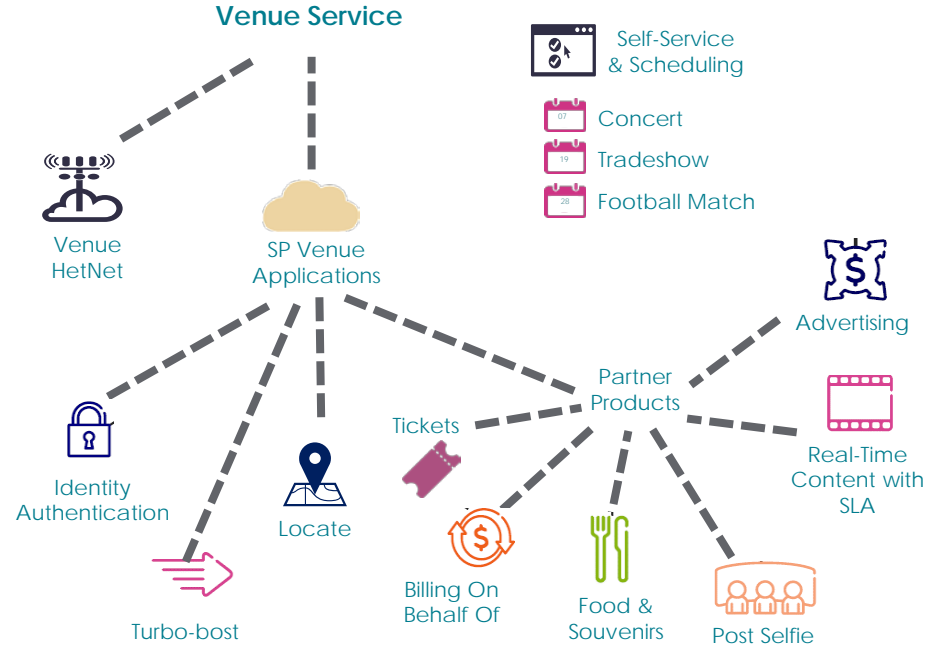
Major routes to/from venue

Hardwired

Capacity Centric

Same Service

Future (Digital Service Provider)

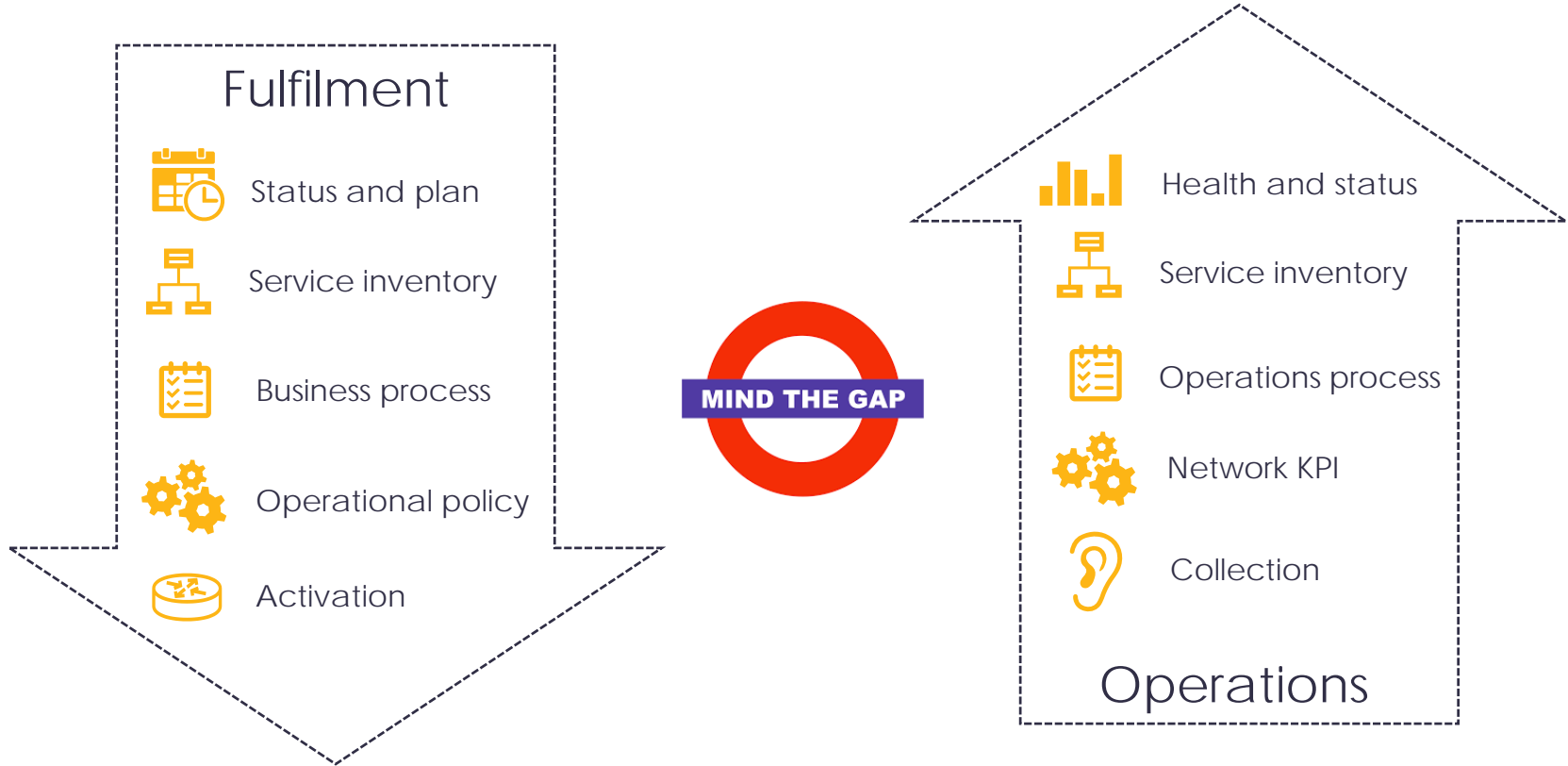


Self-Service

Orchestrated

SP Partners

Blurred Boundaries





Activate the OAM



Activate the KPIs



Activate the operational policy

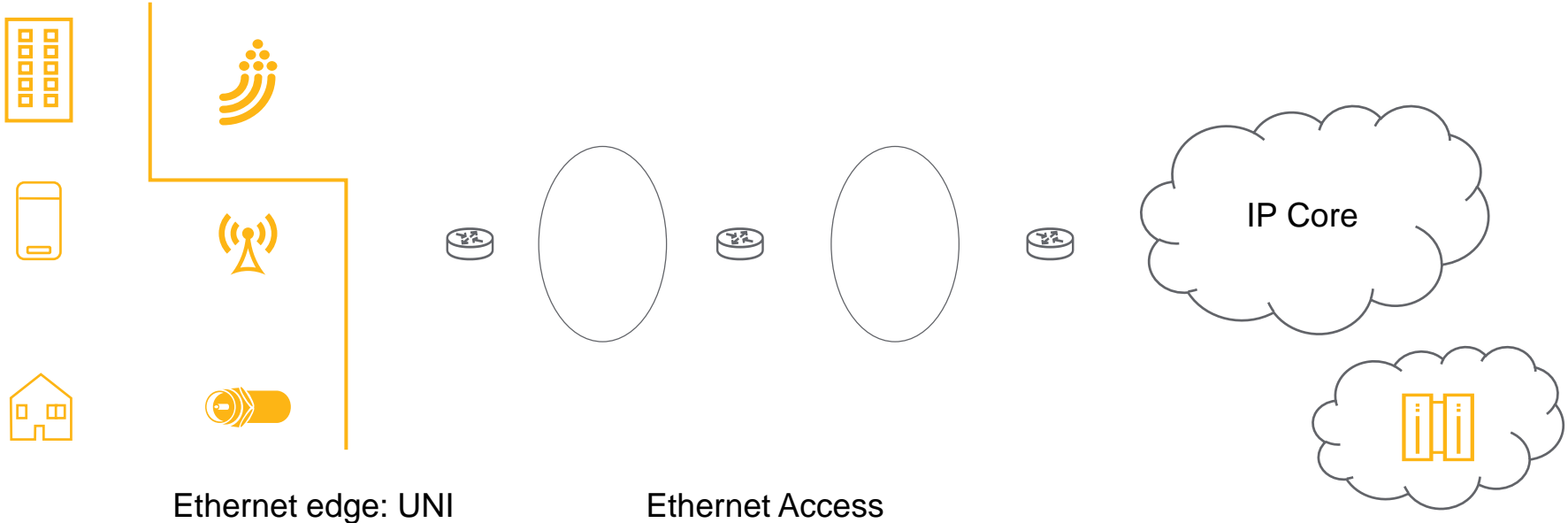


Activate the underlay network service



Activate the overlay customer services

Convergence onto Ethernet



Retail (EVC Services)

E-Line

E-LAN

E-Tree

Wholesale (OVC Services)

E-Access

Access E-
Line

Access E-
LAN

E-Transit

Transit E-
Line

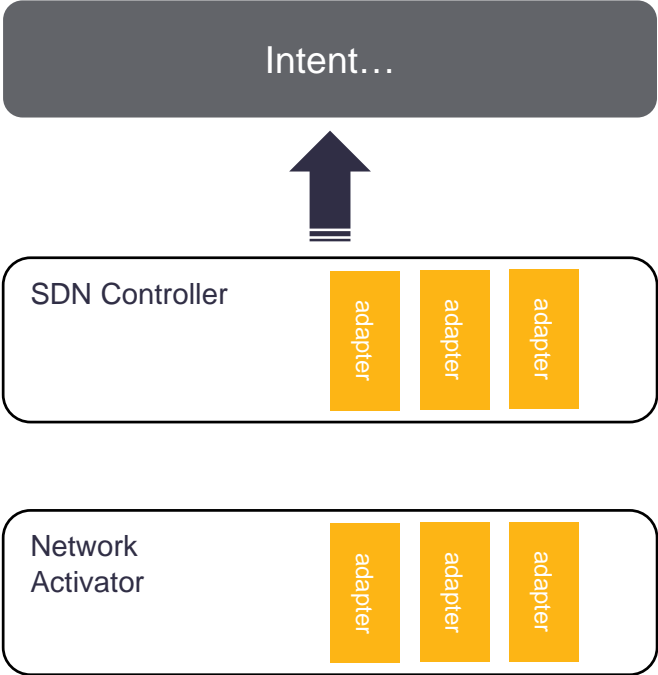
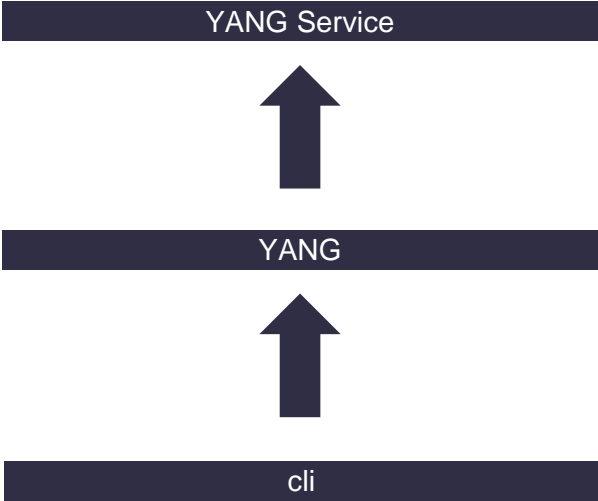
Transit E-
LAN

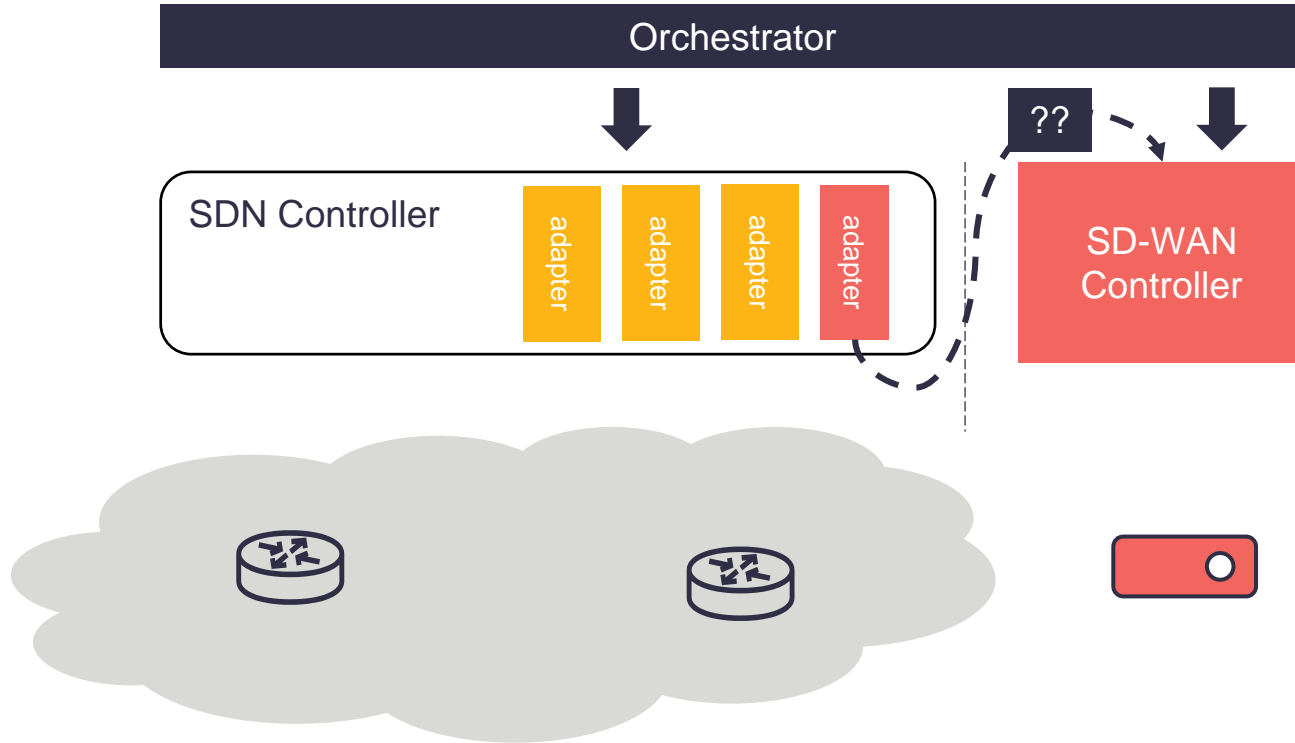


**Globally Adopted,
Certifiable,
Connectivity Services
Framework**

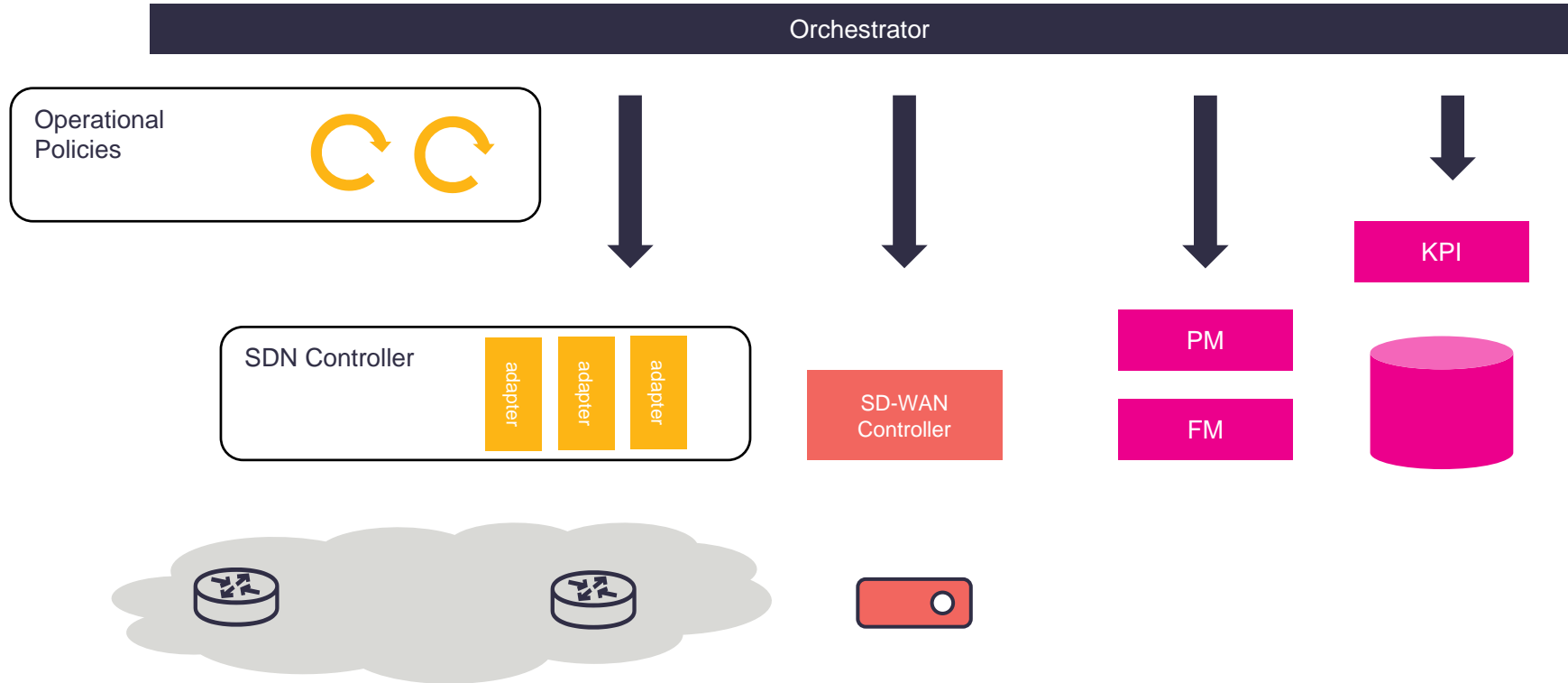


EVC: Ethernet Virtual Connection
OVC: Operator Virtual Connection

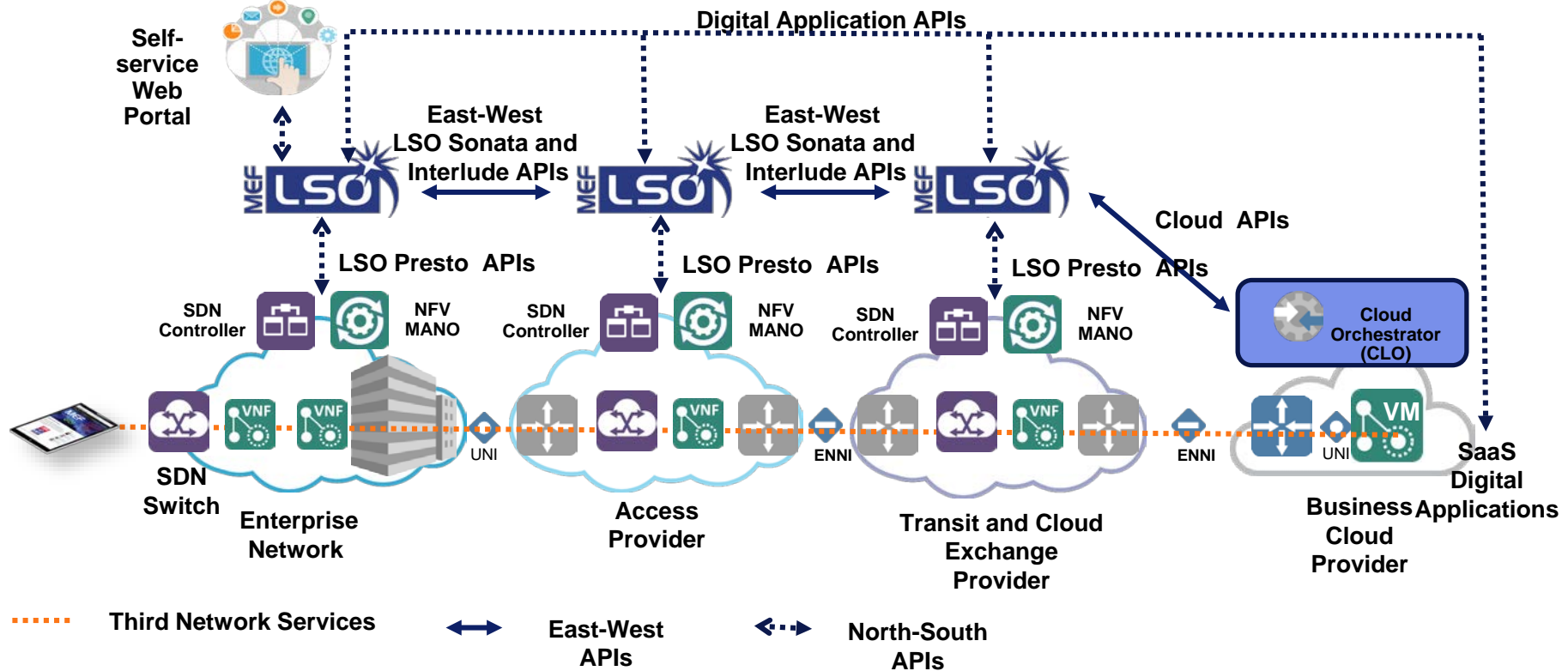




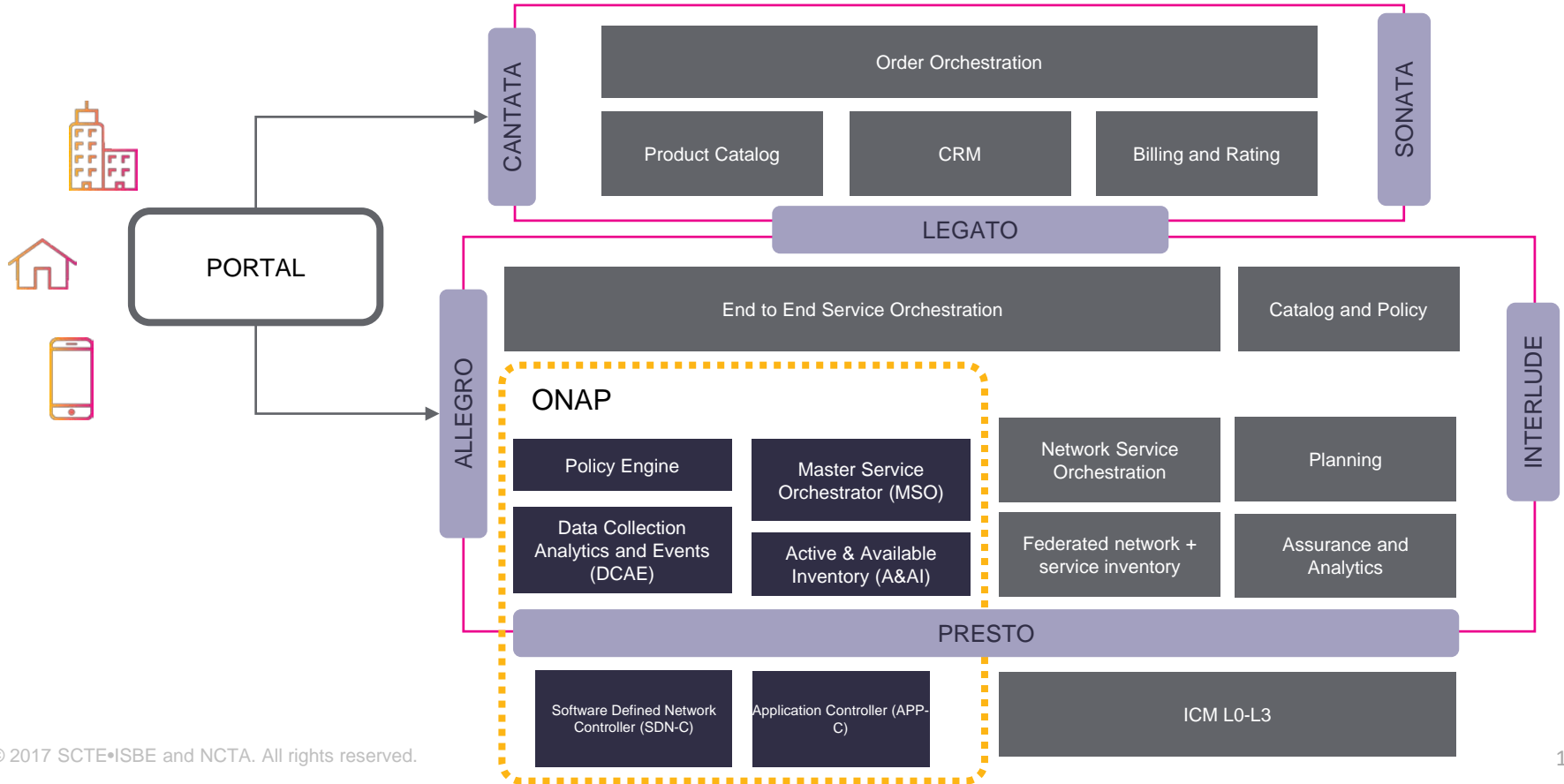
More activation targets



MEF Third Network Digital Services



A toolkit for activation: MEF LSO Architecture





Activate the OAM



Activate the KPIs



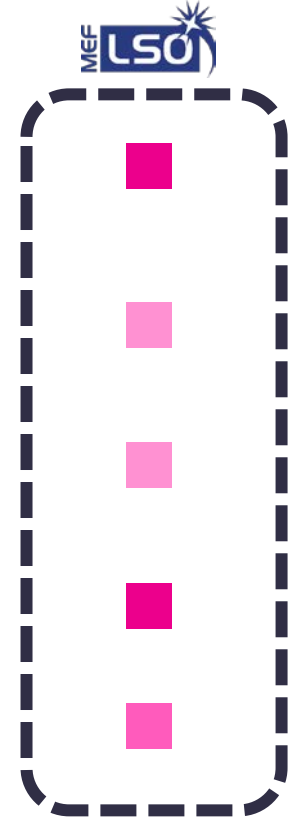
Activate the operational policy



Activate the underlay network service



Activate the overlay customer services



Common reference framework

SCTE · ISBE

THANK YOU!

Mark Gibson

markgi@amdocs.com



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