



Automating the Internet for the Future

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The Internet for the Future

New Opportunities

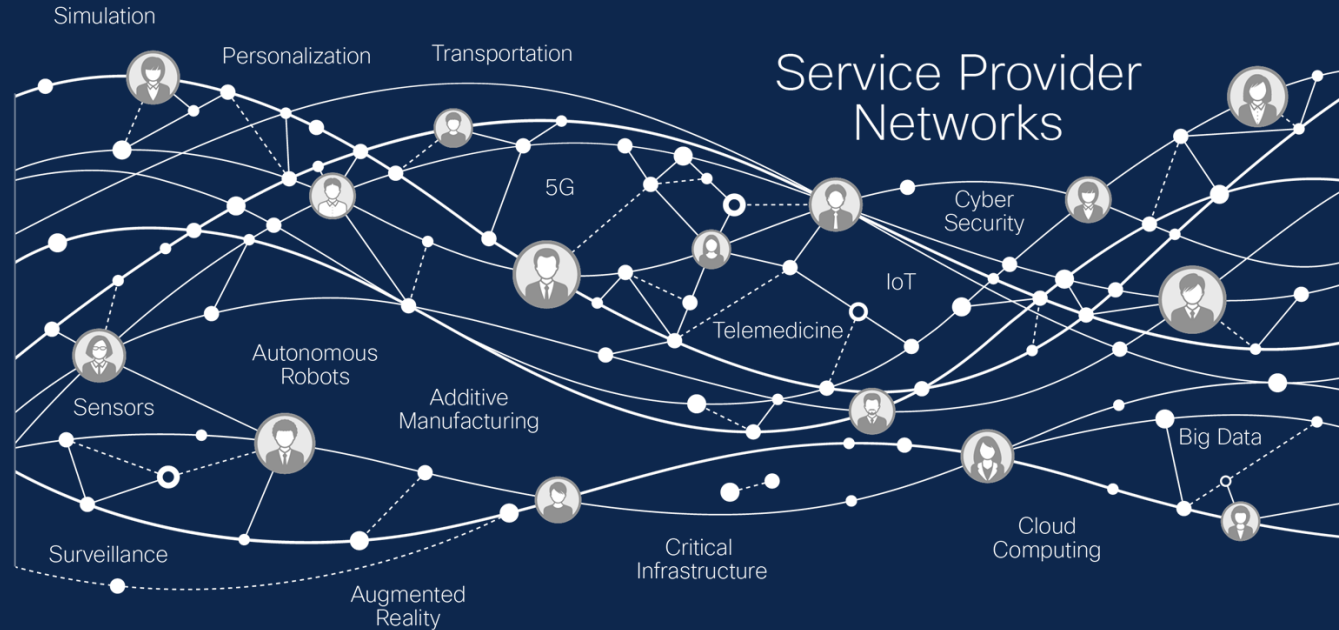
For the way we work, play, live, and learn

New Participants

Many still unconnected and IoT emerging

New Potentials

The foundation of economies, governments, and societies



The Internet for the Future

Requires cross-functional leadership



Helping SPs Navigate the Internet for the Future

Three major technology decisions

Decision #1

Cloud-native
5G Core



Cisco is #1

Decision #2

Converged SDN Transport



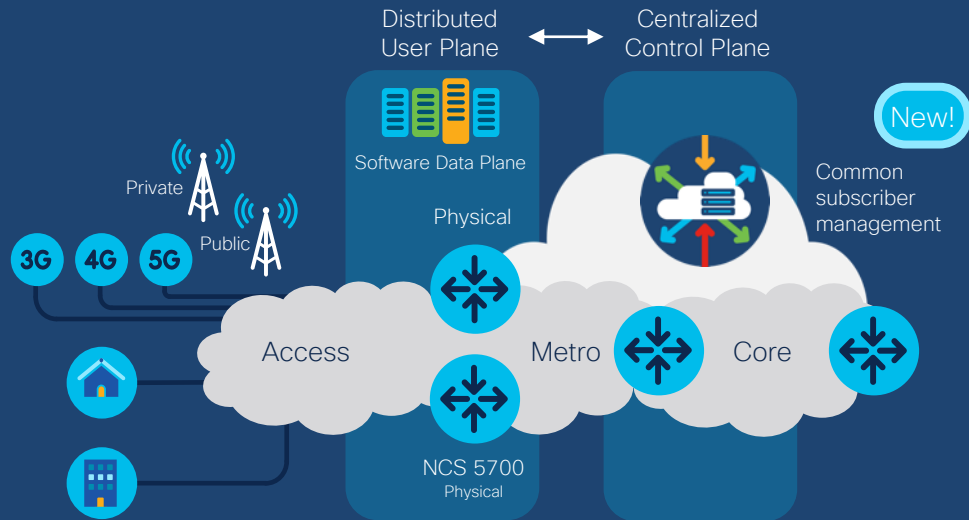
Cisco is #1

Decision #3

Radio Access
Network (RAN)



Decision #1: Cloud-native 5G Core



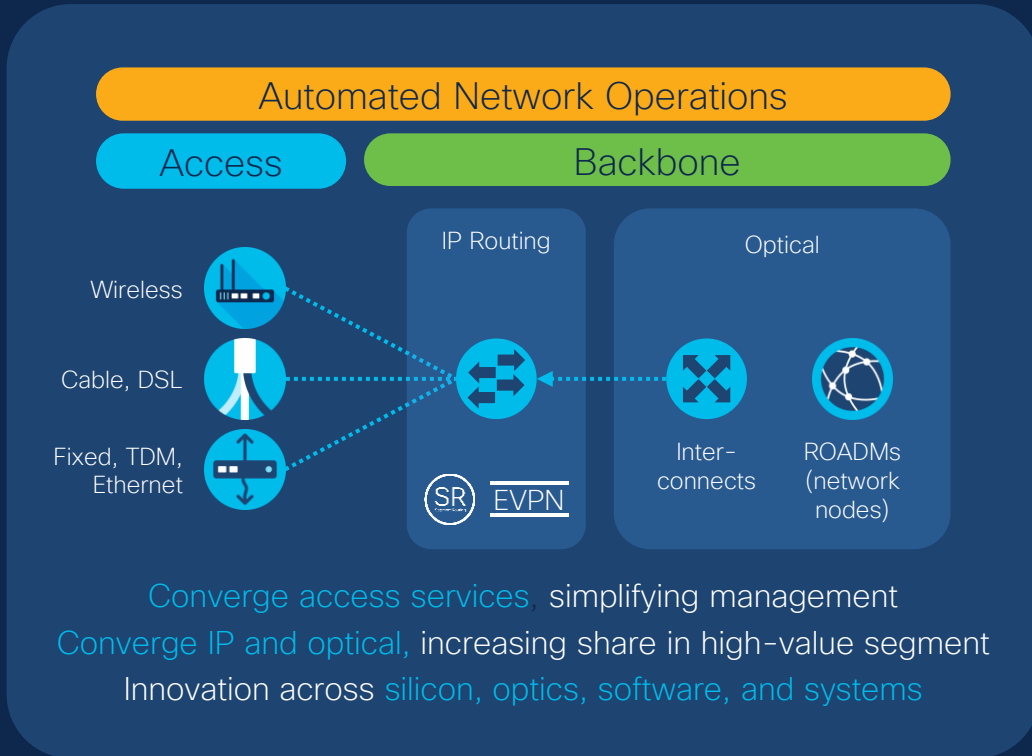
Advantages

- Enables new service creation and monetization models
- Reduces total cost of ownership (TCO)
- Turnkey solutions available that help mitigate business risk



4G/5G Core Engagements Spanning 1.3 Billion Connections



Decision #2: Converged SDN Transport



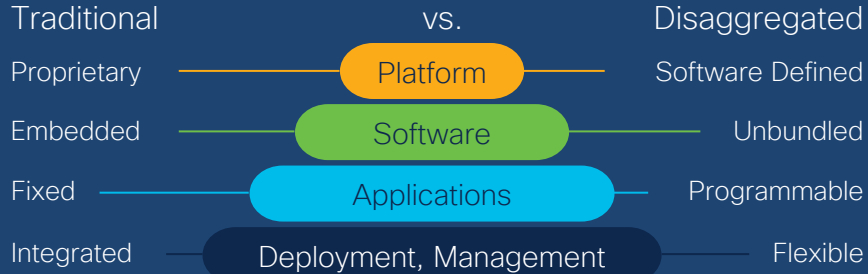
Advantages

-  Simplifies operations and reduces network complexities
-  Collapses SP IT political structure

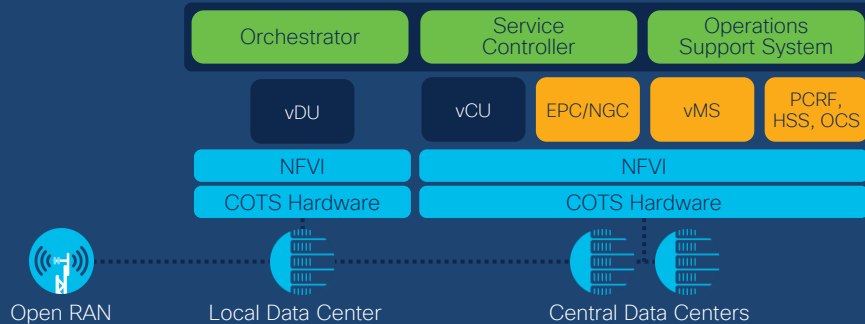
Engagements Underway



Decision #3: Traditional or Disaggregated RAN?



Disaggregated: Zero Touch, Automated, Fully Virtualized



Advantages



Reduces vendor lock in, opens up full stack, proprietary systems



Helps operators deliver customized services more quickly



30-50% less expensive than traditional RAN

Key Partners

ALTIOSTAR



NEC



Cross-domain Policy, Visibility, and Control

Enterprise + IoT + 5G Mobile Slicing

POC is Underway

AMER, EMEA, and APAC Tier 1 Carriers

Fortune 500 Industrial Companies



- Coverage of Remote and Roaming Assets
- Ensure SLA of Mission Critical Communications
- Mobile SD-WAN
- Secure Endpoints: SIM-based Authentication
- Create Intelligent Rules and Policy-based Actions

Automation is Key to the Internet for the Future



Grow Revenue

Rapidly deploy new apps and services, personalize experience, improve customer experience



Reduce Costs

Improve the productivity of your people and make more efficient use of your resources



Mitigate Risk

De-risk risk your business operations with repeatable, dependable flows and trusted tools

NSO is Central to Our Automation Plans

170⁺

Devices, platforms
or OS support

All top-ten service
providers use NSO
in production



200⁺

Customers

30+ Cisco products
or offers using NSO
or ConfD



5X

post-acquisition growth
in third-party support



Rapid growth in large
enterprises (financial
services, healthcare,
public sector)

Thank You!



This community is central to the success of NSO



We'll continue to invest in the tools and resources to help support developers to become more productive



Let us know what you need; we are here to listen

