THE NEXT BIG...

DEAL
CONNECTION
INNOVATION
TECHNOLOGY
LEADER
NETWORK
Creative Service Creation Depends on Automation

- Automating at scale is key
- OpEx trumps CapEx
- SDN/NFV/LSO really about “smart” automation
- Automating current processes/procedures is a start
- Automating future service types makes for cost-effective trials
- Inter-carrier Ethernet service automation (at scale) made possible with MEF’s LSO framework
- Nirvana: the self-driving network
OpEx and CapEx as a Fraction of Operator Revenue

"Value-based network management for telecoms, Building bid-data capabilities to optimize operating expenses" PWE Strategy& March 2015
Zero Touch Provisioning (ZTP)

1. Customer
2. NOC
3. Network Servers
4. Warehouse (optional staging)
5. Customer site (or cell site)
6. Map
7. Delivery truck
Service Orchestration Across Domains
The MEF Lifecycle Service Orchestration Framework
Use of Sonata I/F: Multi-Operator End-to-End Service

Service Provider

CPE
Subscriber Location

End-to-End Ethernet Virtual Private Line Connection (EVPL)

EMS/NMS/OSS

Sonata I/F

Cantata I/F

Wholesale Access Provider

Cloud Data Center Site

Operator Virtual Connection (OVC)

UNI

Ethernet NID
Use of Sonata I/F: Cloud Service Orchestration (Brokerage)
THANK YOU!

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