

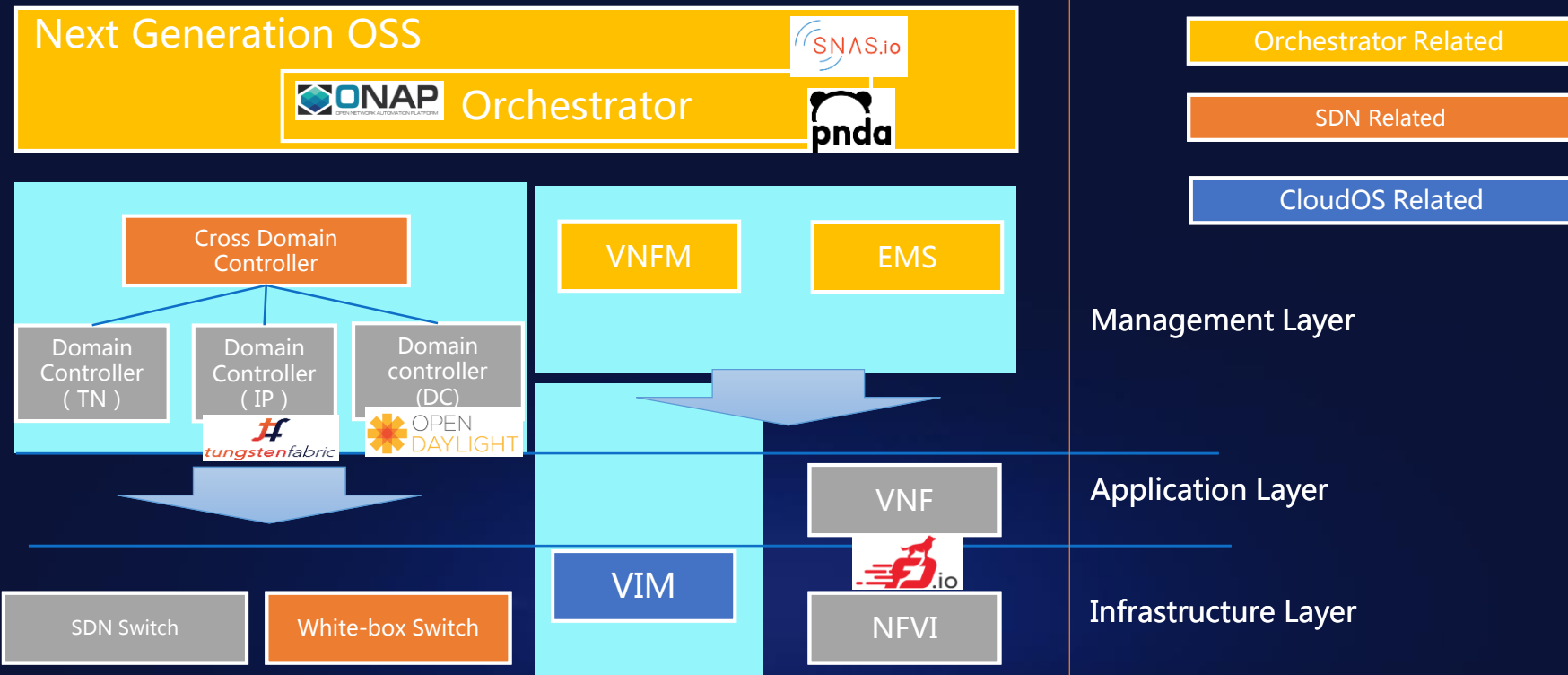
Industrialize Open Source for Network Transformation

Lingli Deng
China Mobile

Industrialize Open Source for Network Transformation

Open Source
Industrialization
Transformation

R&D Investment in Network Transformation



NovoNet Architecture

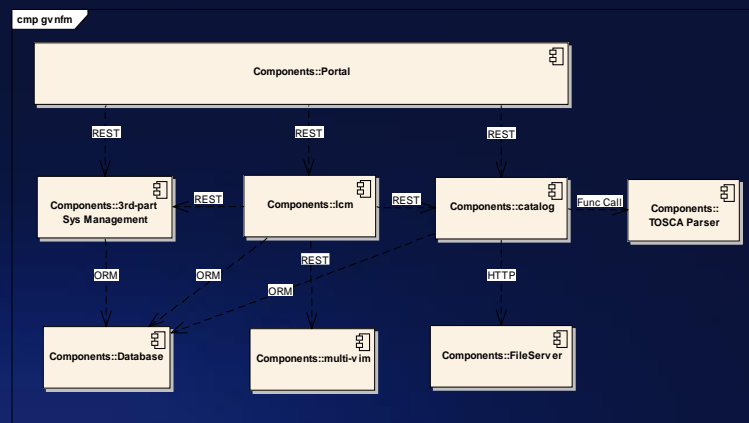
Industrialization: Commercial solution based on Open Source? – YES & NO

AERO
OpenDayLight based



Interacts with 7 types of devices from 13 vendors
Deployed in Jiangxi for Private Cloud

NFVO+
ONAP based



Based on ONAP Beijing Release (part of VF-C module)
To be tested in Shanxi as part of NFV trial in 2018Q4

Industrialization of Open Source

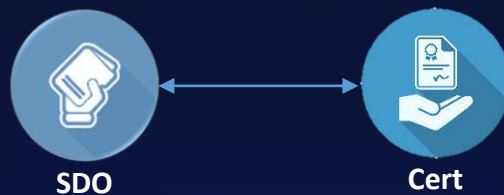


ODL Case: 3

OPNFV Case: 1->2

ONAP Case: 1->2->3

Proactive Industrialization Collaboration Promotion



Past

Document Driven
Iterates in years

SDO-Standards Developing Organization
Cert-Interoperability Certification Testing

Proactive Industrialization Collaboration Promotion



SDO-Standards Developing Organization
Cert-Interoperability Certification Testing
OSS-Open Source Software

Now

Code Driven
Iterates in months

Proactive Industrialization Collaboration Promotion



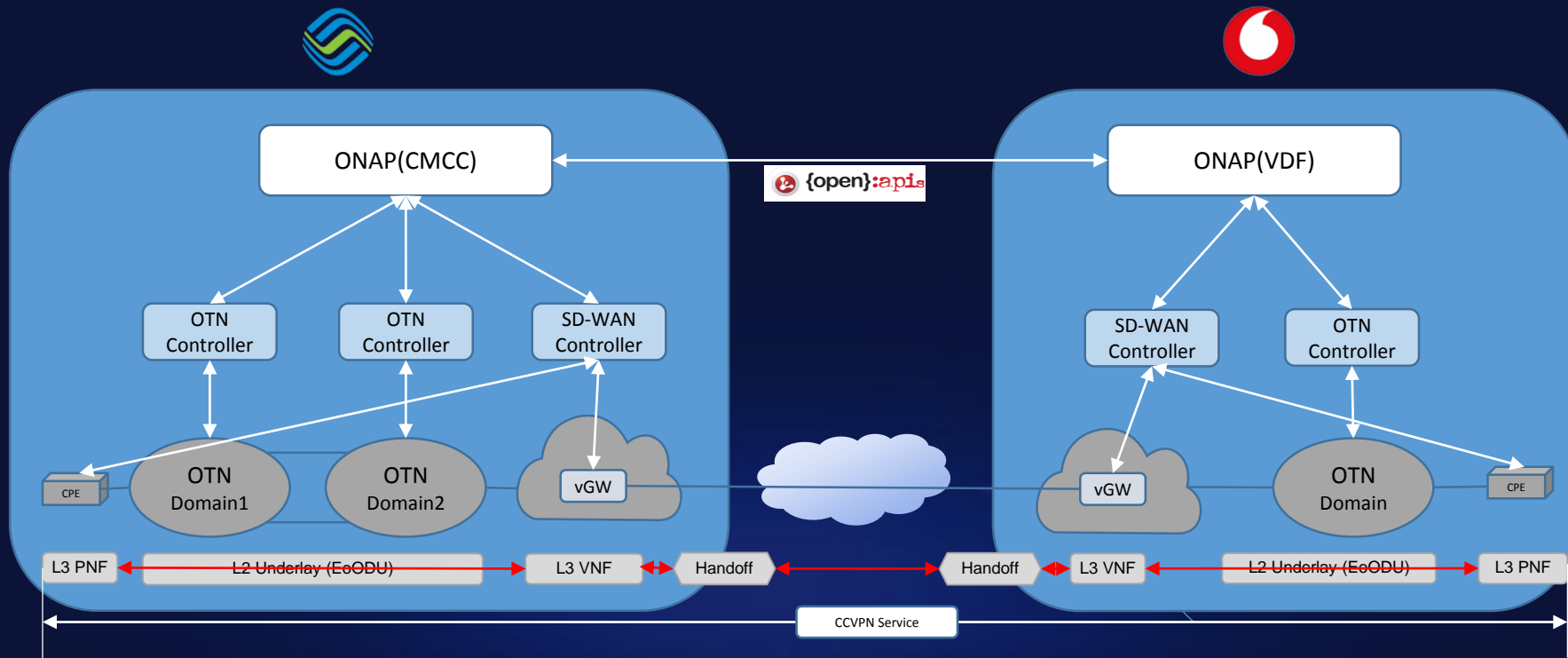
Community Driven
Self-contained loop

SDO-Standards Developing Organization
Cert-Interoperability Testing
OSS-Open Source Software

Code
Future

ONAP-Powered Connectivity Service: CCVPN Demo

Cross Operator, Cross Domain, Cross Layer VPN Service



Visit CCVPN at LFN Demo Booth #6 for more details.

Thank you!