

MEF18 Proof of Concept Videos

MEF is pleased to share seventeen [MEF18 Proof of Concept demonstration videos](#) that illustrate the tremendous progress that industry players are making on the journey to dynamic MEF 3.0 services that will provide unprecedented user- and application-directed control over network resources and service capabilities.

This year's PoCs fell into six broad categories: automated commercial interaction; service fulfillment and activation; orchestrated multilayer services; service assurance; SD-WAN; and Universal CPE. The PoCs illustrate a clear drive toward using MEF's LSO Reference Architecture and associated LSO APIs for service orchestration across multiple providers and over multiple technology domains.

See the [MEF18 PoC video playlist](#) or click below for individual PoCs. Visit [MEF in the News](#) and the [MEF YouTube Channel](#) for other hot news items. Stay tuned for MEF18 plenary & workshop videos.

Automated Commercial Interaction

[MEF 3.0 LSO Federated Inter-Carrier Bandwidth-on-Demand Services Through Automated Discovery and Blockchain Settlement](#)
PCCW Global, Sparkle, Tata Communications, SingTel, CBCcom, Liquid Telecom, Infonas, Clear, and Cataworx – *PoC Silver Award*

[Blockchain-Based Carrier Marketplace for LSO Sonata](#)
Colt Technology Services and Zeetta Networks

Service Fulfillment & Activation

[Fulfillment and Activation of an Intercontinental MEF 3.0 Service Spanning Four Operators](#)
Tata Communications, Sparkle, Equinix, Liquid Telecom, ECI, Amartus, and Spirent – *MEF 3.0 Implementation Project 2018 Award*

[Blade Runner – Orchestrated Multi-Domain Augmented Reality](#)
Vodafone, Verizon, Ericsson/CENX, EXFO, and Fortinet – *PoC Bronze Award*

[End-to-end Service Orchestration of E-LAN over Multiple Domains via the LSO Interlude Interface and Across Multiple Vendors](#)
Eurofiber and Inmanta

[Pocket-sized, Model-driven Networks](#)
Vodafone, Ciena, and DGIT Systems

[Self-Service, Agile, Orchestrated Cloudlink™](#)
Zayo and Ciena

[Multi-Domain, Application-Defined Interconnection Orchestration](#)
AT&T, Equinix, and Ciena – *PoC Gold Award*

[Transformation in Action: Harmonizing Delivery of Intent-Based Networks & Services](#)
AT&T, Amdocs, Fujitsu Network Communications, and Iometrix

Orchestrated Multilayer Services

[MEF 3.0 Implementation for Orchestrated Multilayer Optical Transport](#)
CenturyLink, Telefonica, TELUS, Infinera/Coriant, and NEC/Netcracker

Service Assurance

[Machine Learning-Based Elastic Network Services](#)
Colt Technology Services and Accedian

[Data Science Applications for LSO Architecture-Based Service Fulfillment and Assurance](#)
CenturyLink and Infinera

[SDN Orchestration for Edge Clouds](#)
Juniper Networks

SD-WAN

[Zero Touch Automation for SD-WAN + SECaaS + Virtual Cloud Exchange \(VCX\)](#)
Tata Communications and Fortinet

[Instantiation and Delivery of SD-WAN over a Virtualized and Orchestrated Wholesale Carrier Ethernet Access Service](#)
BringCom, Isocel, SimbaNET, and Versa Networks

[Towards a Multi-vendor Orchestrated SD-WAN: LSO-Enabled Solution with Open Source Orchestrator and Container-Based uCPES](#)
Sparkle and Amartus

Universal CPE

Boosting uCPE with SDN/NFV/Legacy Capabilities Including Network & VNF Service Chain Monitoring & Plugware for Universal Access & Brownfield Deployments

AT&T and RAD