



An industry association of 200+ member companies, MEF has introduced the [MEF 3.0 Transformational Global Services Framework](#) for defining, delivering, and certifying assured communications services orchestrated across a global ecosystem of automated networks. Since launching MEF 3.0 one year ago, MEF has made significant strides across all key elements of the framework, including: standardized services; LSO (Lifecycle Service Orchestration) APIs; services, technology, and professional certification; and community collaboration. Dozens of service providers, technology vendors, enterprises, and industry organizations have been involved in initiatives to accelerate adoption of MEF 3.0 services that provide an on-demand, cloud-centric experience with unprecedented user- and application-directed control over network resources and service capabilities.

Going forward into 2019, MEF is focused on enabling service providers to transform their services and networks, federate on a global basis, and certify their service offerings to a global standard.

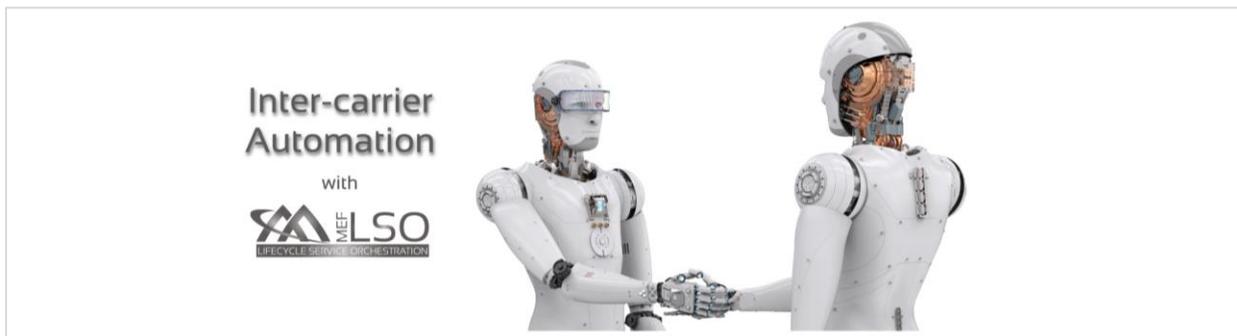
Standardized, Orchestrated Services

The planned MEF 3.0 service family includes dynamic [SD-WAN](#), Carrier Ethernet, Optical Transport, IP, Security-as-a-Service, and other virtualized services that will be orchestrated over programmable networks using LSO APIs. MEF has advanced standardization work across each major type of connectivity service over the past year, most [recently announcing the industry's first SD-WAN service specification](#) with the support of more than 30 service and technology providers.

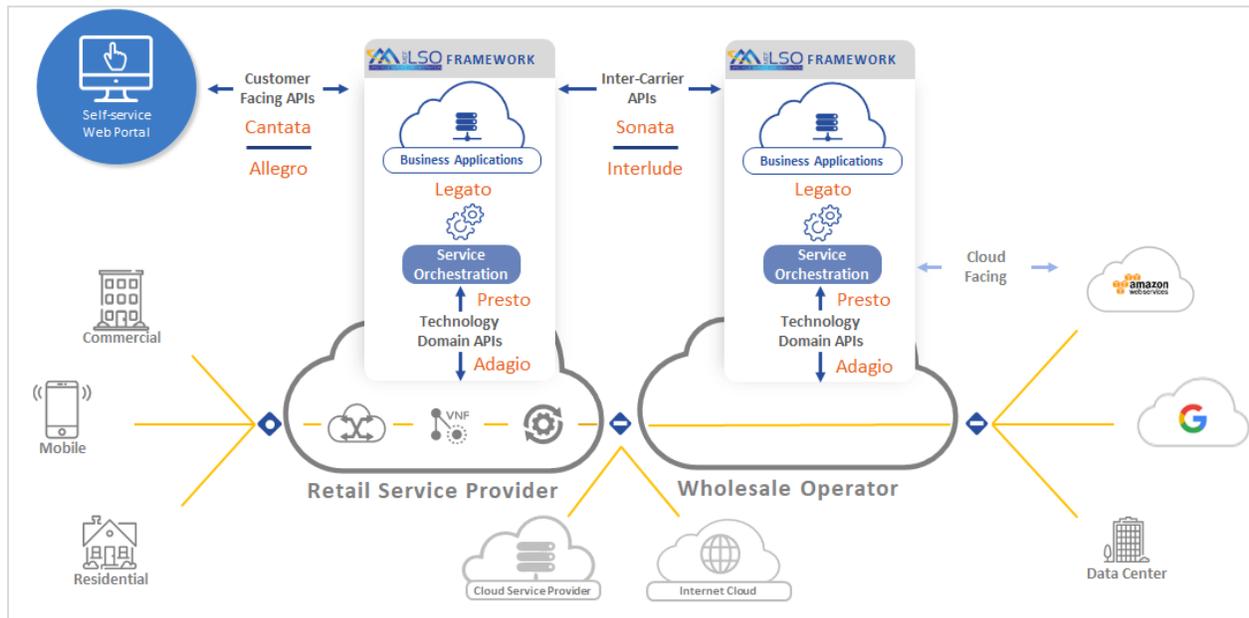
LSO APIs

MEF's LSO Reference Architecture guides development of standardized LSO APIs for end-to-end service orchestration across multiple providers and over multiple network technology domains (e.g., Optical Transport, CE, IP, 5G, etc.). MEF has progressed initiatives for multiple LSO interface reference points, most [recently releasing LSO Sonata APIs](#) that will enable, for the first time, automation of the potential \$250+ billion market for MEF-defined services. This work is supported by 40+ service and technology companies, including multiple providers who plan commercial implementations of [LSO Sonata APIs](#) for inter-provider service orchestration in 2019.

LSO Sonata & Inter-Provider Service Automation



LSO Reference Architecture & APIs for End-to-End Service Orchestration



Services, Technology & Professional Certification

MEF this year announced the first service and technology providers to achieve MEF 3.0 certification and is on track to soon recognize others. MEF recently announced the MEF 3.0 certification program will be expanded on a pilot basis in 1Q 2019 to include cloud-based testing of LSO APIs, beginning with certification of LSO Sonata APIs for serviceability, product inventory, quoting, and ordering.

Meanwhile, MEF has expanded its professional certification program to include MEF-SDN/NFV and MEF Network Foundation certifications in addition to the popular MEF Carrier Ethernet Certified Professional (MEF-CECP) certification.

Community Collaboration

MEF has been working with many leading service and technology providers, open source projects, standards associations, and enterprises to realize a shared vision of dynamic services orchestrated across automated networks. More than 50 service providers and technology vendors collaborated in [18 MEF18 Proof of Concept demonstrations](#) that focused on such topics as: automated commercial interaction; service fulfillment and activation; service assurance; multi-layer services; SD-WAN; and Universal CPE. Meanwhile, MEF [recently launched its Enterprise Advisory Council \(EAC\)](#) to support digital transformation across the MEF 3.0 ecosystem and incorporate feedback from multi-national enterprises on requirements related to end-to-end service orchestration that incorporates end-users. Visit the [EAC](#) on [MEF.net](#) to see a list of participating multinational enterprises.

Hear Directly from the Community

- [MEF in the News](#) – dozens of videos and articles related to MEF 3.0 and automation.
- [MEF YouTube Channel](#) – dozens of videos covering MEF 3.0, SD-WAN, dynamic services, LSO APIs, blockchain & automated commercial settlements, intent-based networking, and more.