Title	MEF Forum Work on 5G
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With all the activity in the industry around 5G, we would like to inform you of MEF's ongoing 5G related work to help better coordinate our efforts. The 5G work in MEF is basically in the following areas:

1. Ethernet Services to support 5G transport of mobile backhaul and fronthaul
2. Lifecycle Service Orchestration (LSO) to support OSS/BSS support for the services above, including API development via MEF's OpenCS 5G program.
3. Marketing and awareness to inform the industry of MEF's efforts on 5G and the importance of Carrier Ethernet and LSO to the evolving 5G environment.

The MEF Forum has a long history in providing Ethernet Service definitions, LSO and Certification for mobile backhaul supporting 2G through LTE. The MEF 5G work extends this history expanding the backhaul work into fronthaul and leveraging developments in Time Sensitive Networking, increased data rates and network technologies to meet the latency, isolation and capacity requirements of 5G and network slicing.

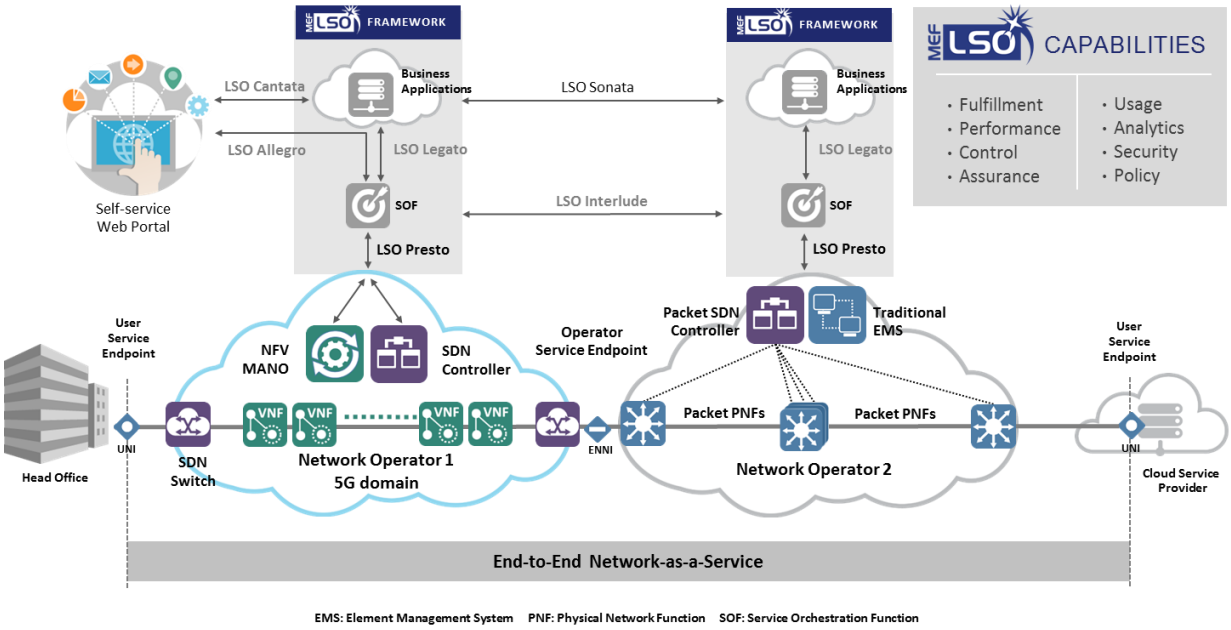
Specifically, the work on 5G transport is pursued via a 5G-oriented MEF Implementation Agreement which will describe:

- Enhanced mobile backhaul transport that supports:
    - 5G use cases (e.g., Network slicing)
    - Cloud-based infrastructure and networking
    - Reduced latency and improved synchronization
- Mobile fronthaul transport that supports:
    - Mobile fronthaul interfaces (e.g. CPRI/eCPRI)

The work is based on the existing mobile backhaul implementation agreements and utilizes MEF-defined services and attributes. As with all MEF Forum work, the 5G activities leverage the work of MEF's partner organizations.

The work on LSO includes ensuring 5G-based services fully orchestrated through SDN controllers as part of :

- Heterogeneous connectivity service
  - Multi-Operator
  - Multi-Technology
- Full service lifecycle
  - Network resource provisioning
  - Service OAM and SAT
  - Service assurance (e.g. Zero touch telemetry, closed loopback control)



In addition, the MEF Forum's OpenCS 5G project is defining use cases, epics and user stories to initiate information and data modeling needed to standardize open northbound APIs for 5G environments.

The MEF Forum Marketing Committee is focused on increasing industry awareness of the MEF products and their applicability to the 5G environment. To this end, the Marketing Committee currently has projects producing marketing collateral to address topics such as network slicing.

We look forward to our continued dialog and learning more about the 5G happening in your organizations to best align our work.

Please note that the next MEF Forum meetings are:

- October 23-26, 2017 – Raleigh, NC USA
- January 29 – February 1, 2018, Singapore