

ZTE

Tomorrow never waits

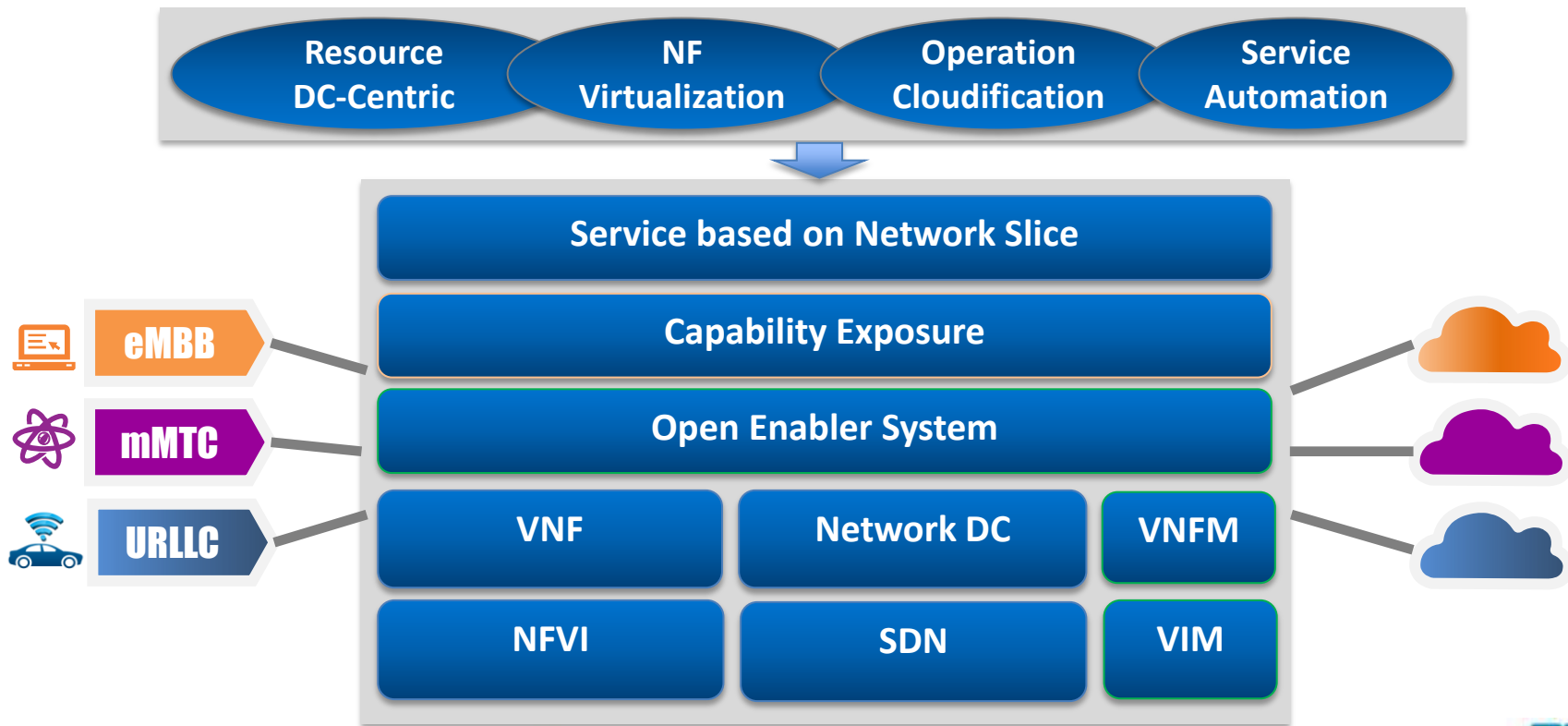
5G Software Network Framework & Prototype

ZTE 5G Product Line

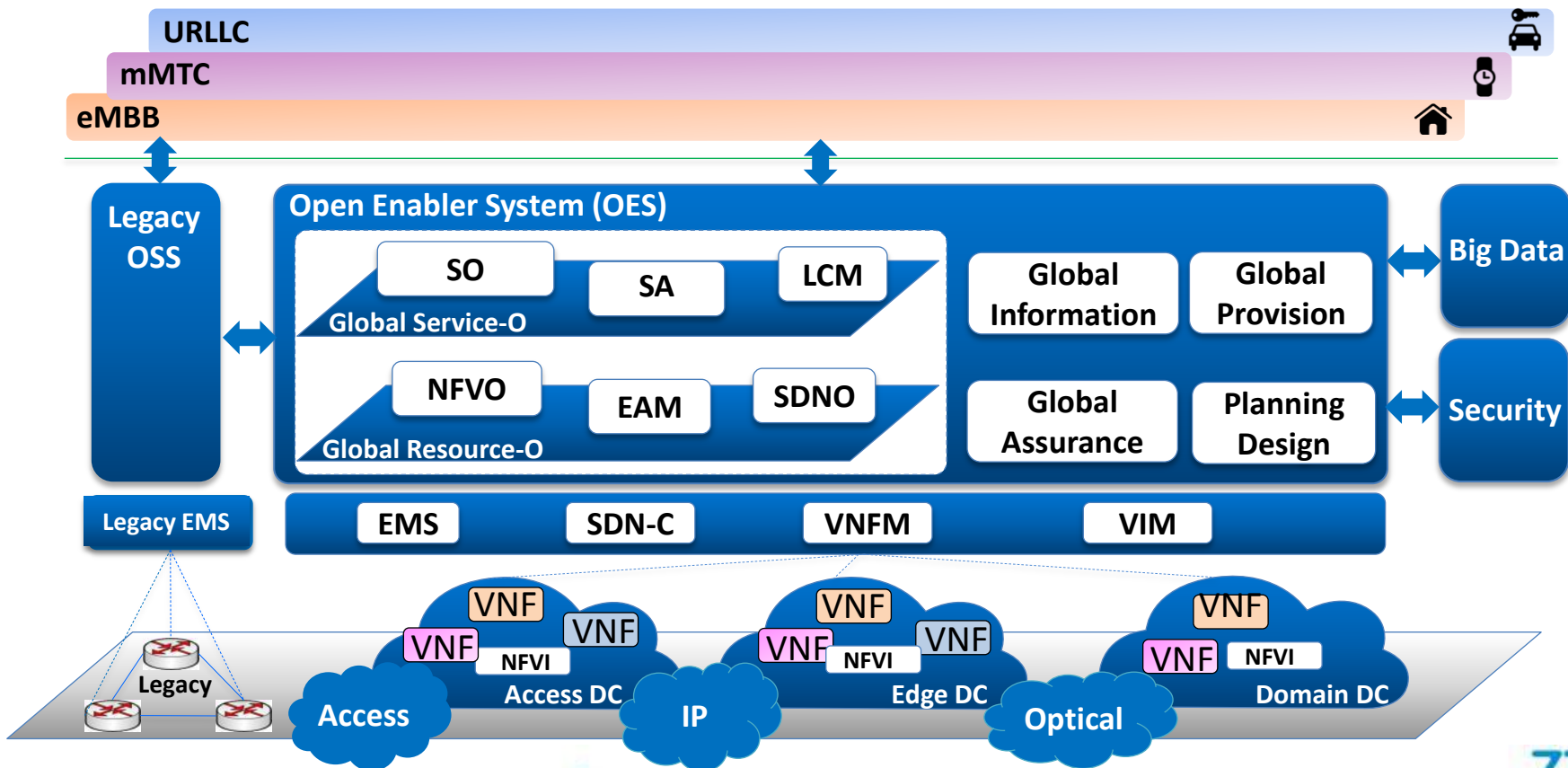
Nov 10, 2016



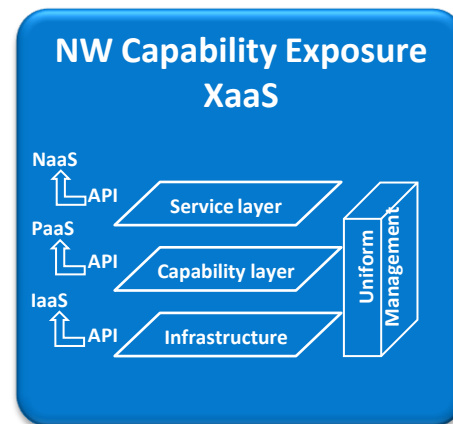
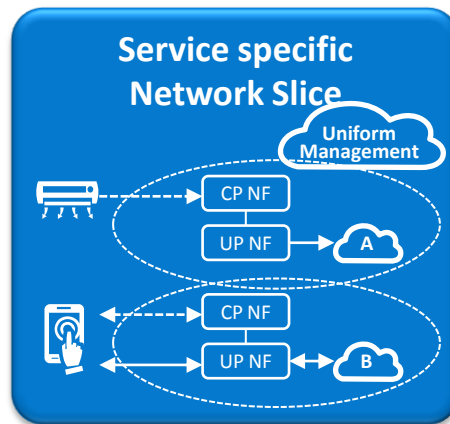
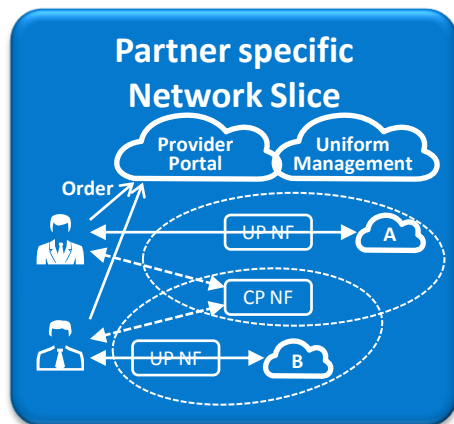
5G Software Network Landscape



5G Software Network Framework – MANO & Slice



Operation Cloudification via Multi-Tenant, Multi-Service, XaaS

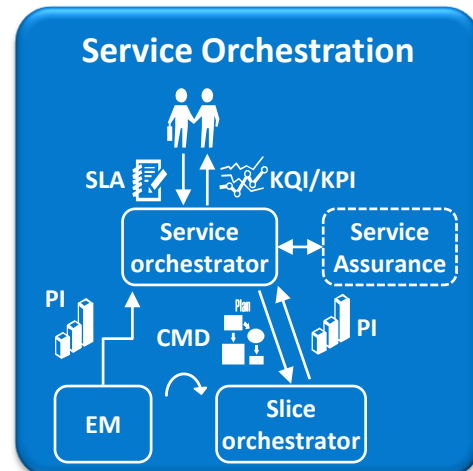
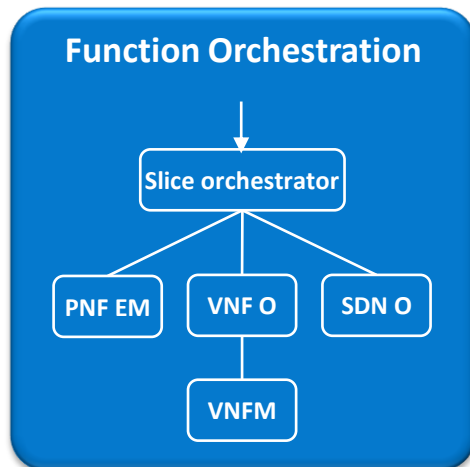
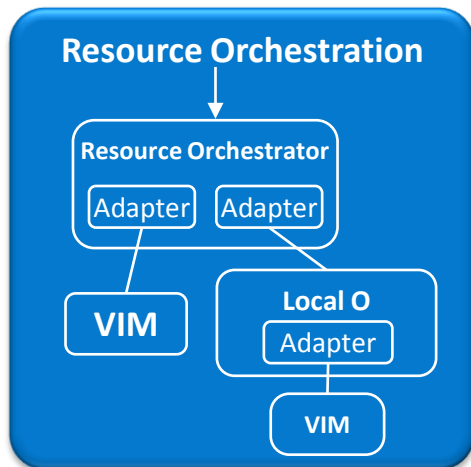


- Both inner partner (e.g. sub-company) and outer partner (e.g. MVNO, big enterprise) have specific requirements
- Cloud based service mode can provide the best solution: resource sharing, rapid supply, self service

- Uniform management system provides integration of service programmability, domain orchestration and DevOps functionality

- Via API & SDK to facilitate the creation of ecosystems which benefit different planes
- IaaS: NFVI resource as a Service for partners
- PaaS: VNF, common component, operating environment and SDK as a service for partner
- NaaS: network service for customer/partner

Service Automation via Nested & Multi-Domain Orchestration



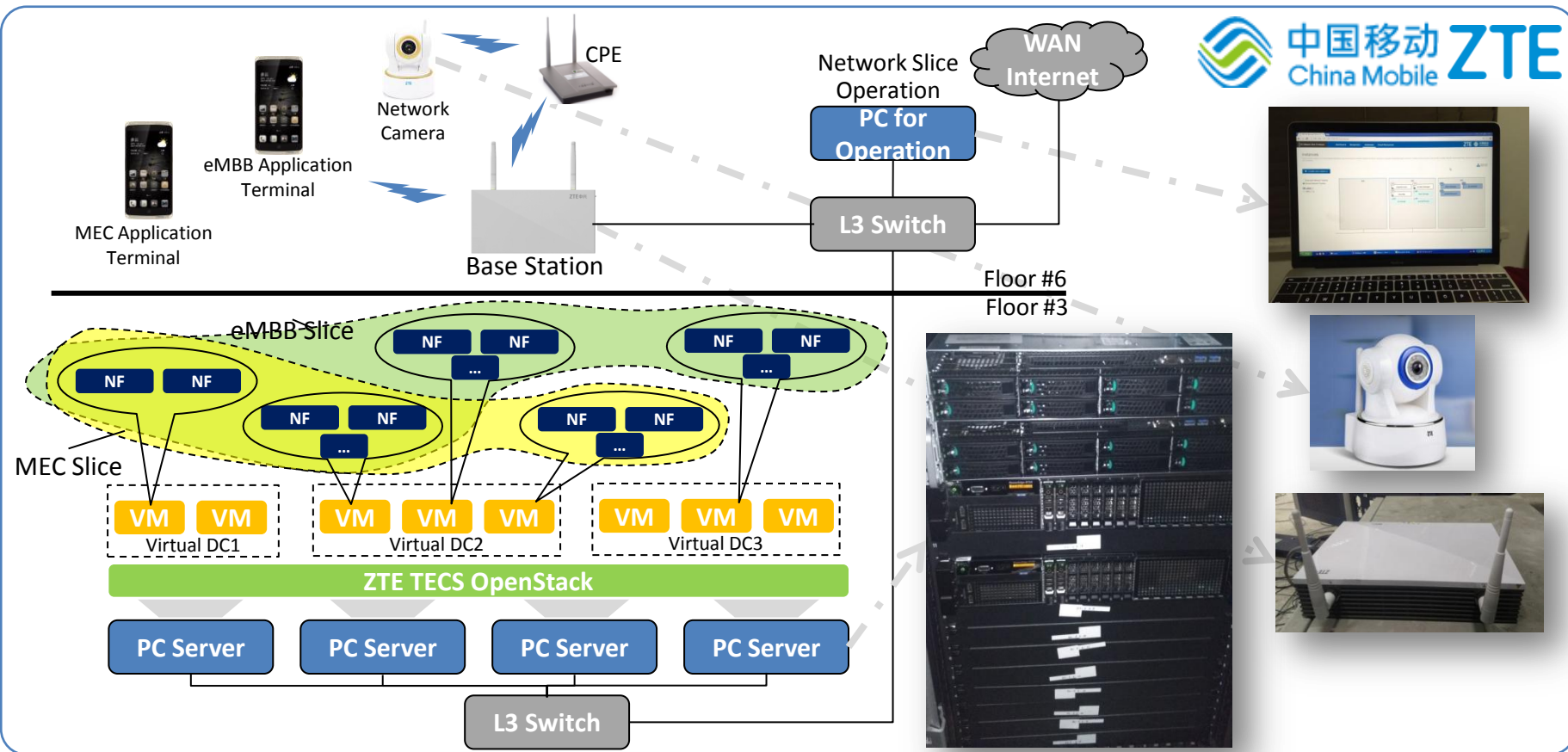
- Nested and Multi-Domain RO

- ✓ multi-vendor
- ✓ multi-technology
- ✓ multi-administration

- Slice orchestrator supports E2E function orchestration of PNF, VNF & transport
- Inter-slice orchestration considers common NFs among multi-slices

- Transforms SLA to KPI, network services & slices requirements
- Integrated/Separated Service Assurance to implement policy based on data analytics, e.g. modifying a slice or creating a new slice

5G Network Slice Prototype in MWC 2016



Thank you



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