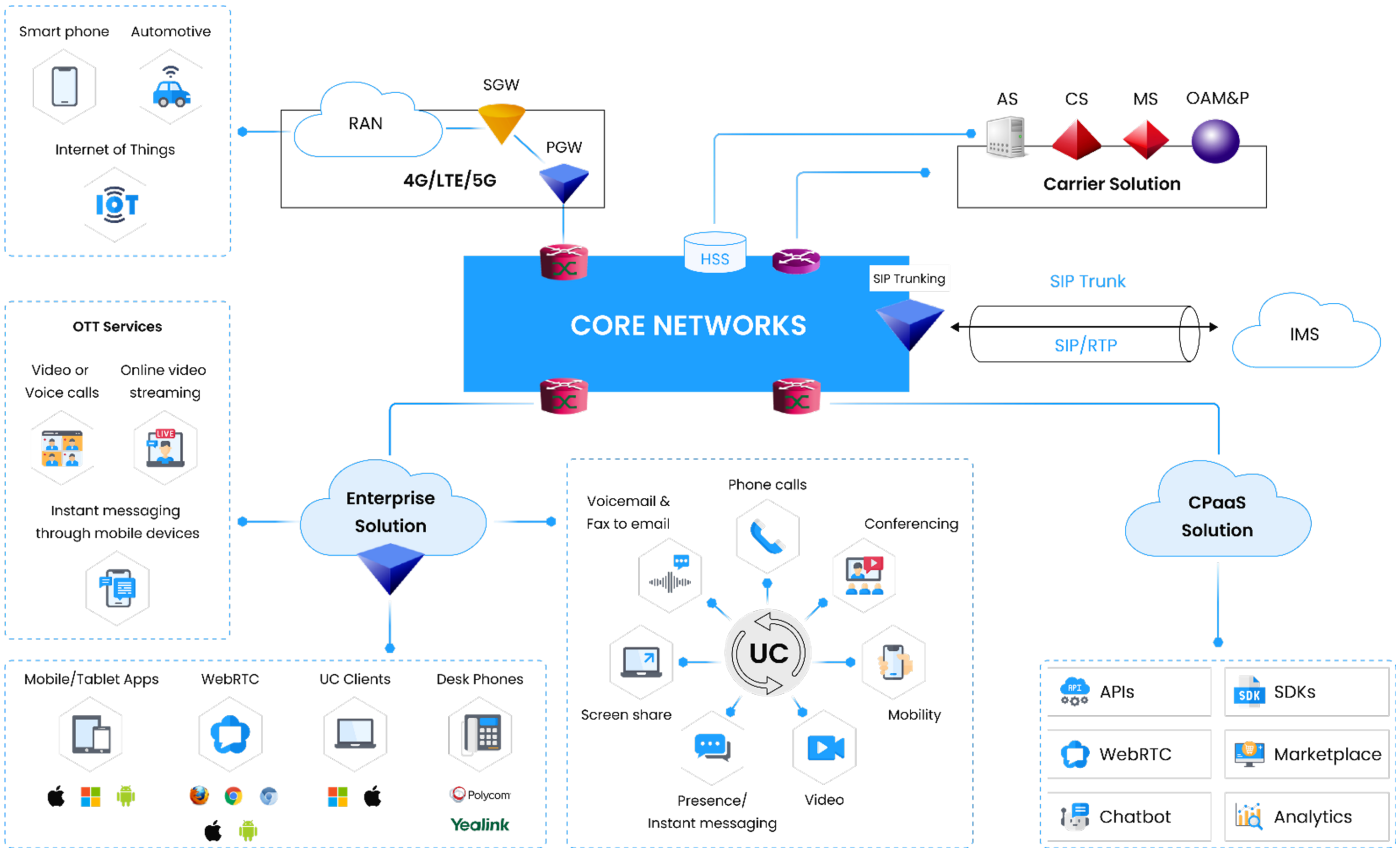
TMA Telecom

By developing high-rated Telecom applications in 29 years, TMA has provided customers with End-to-End Services & Available Solutions for market readiness acceleration.

29 Years of experience in Telecom Software & Solution Services

2,000+ Engineers

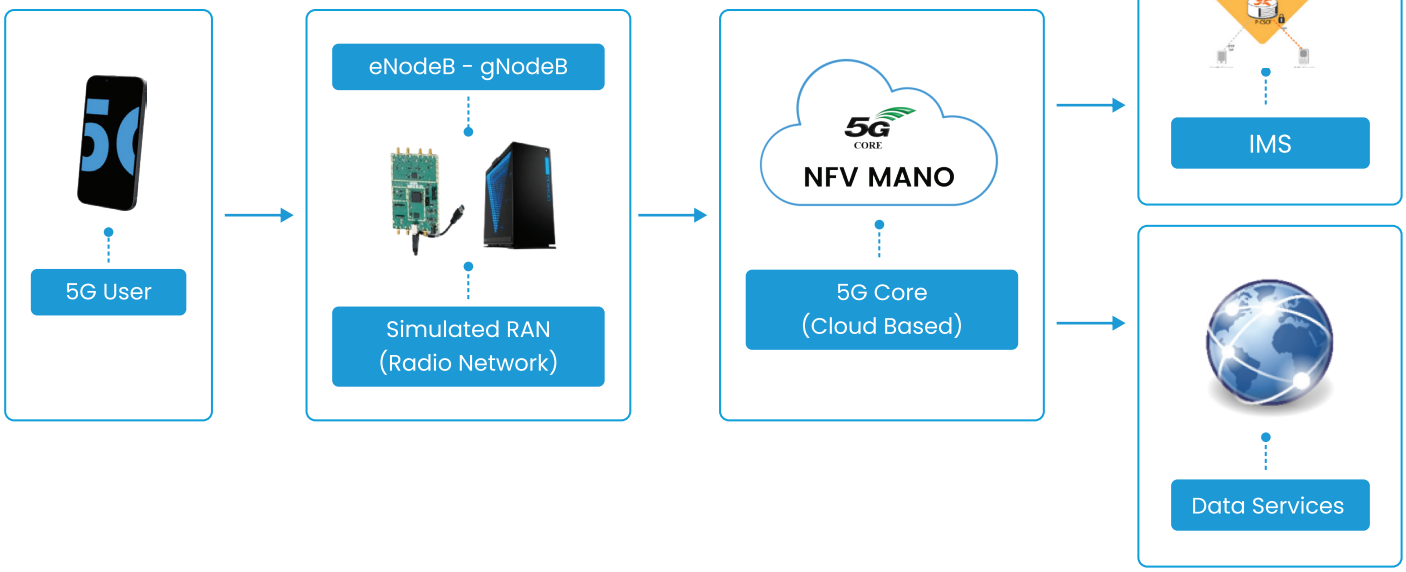
R&D Centers for leading companies



www.tmasolutions.com
+84 28 3997 8000
sales@tmasolutions.com

Domains of expertise

5G



400 Wireless engineers

5G Orchestration

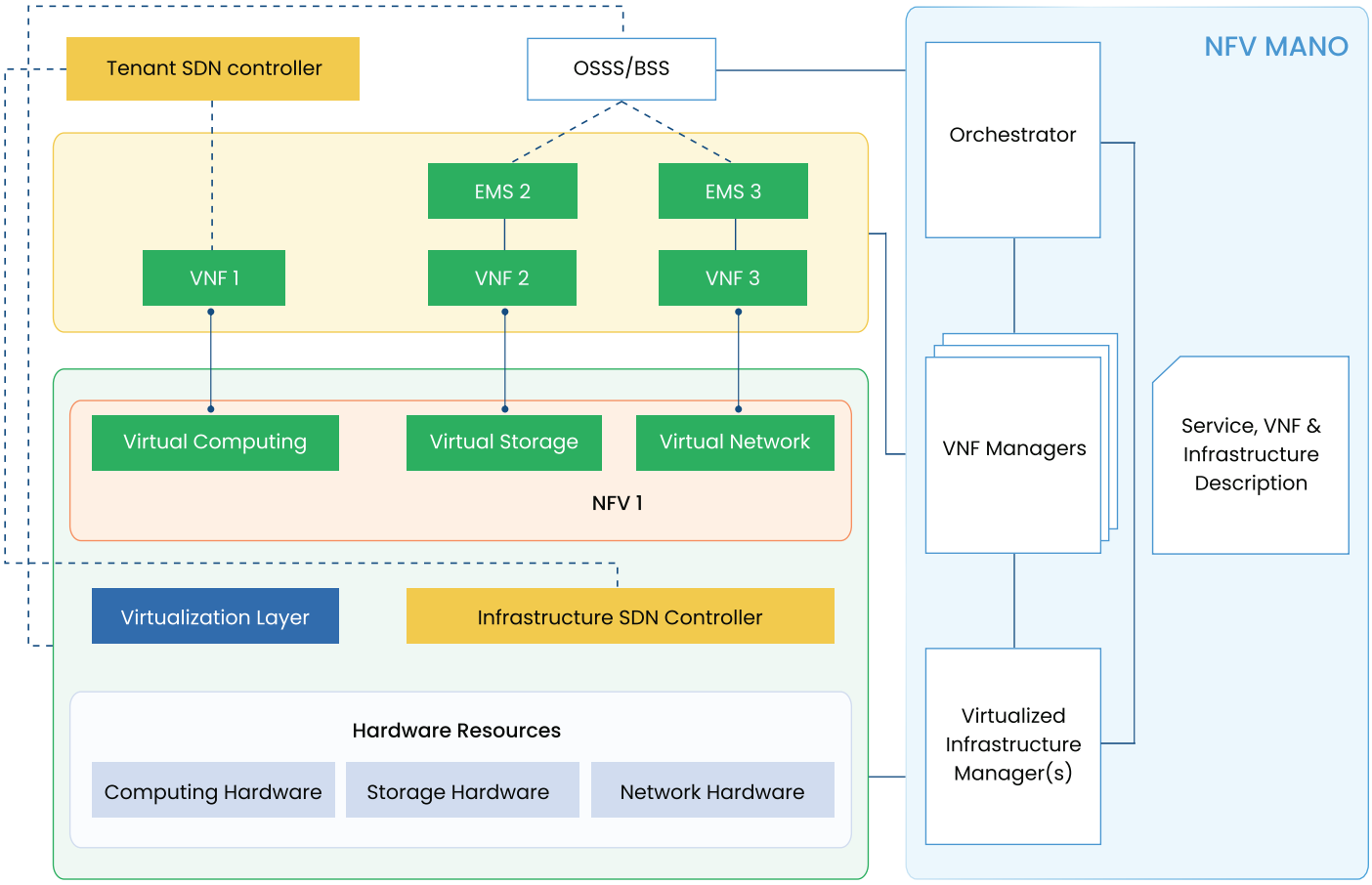
5G Open RAN:
O-CU, O-DU, NearRT RIC

Operation, Administration and Management (OAM) of 5G Core

gNodeB

Domains of expertise

Cloud/NFV

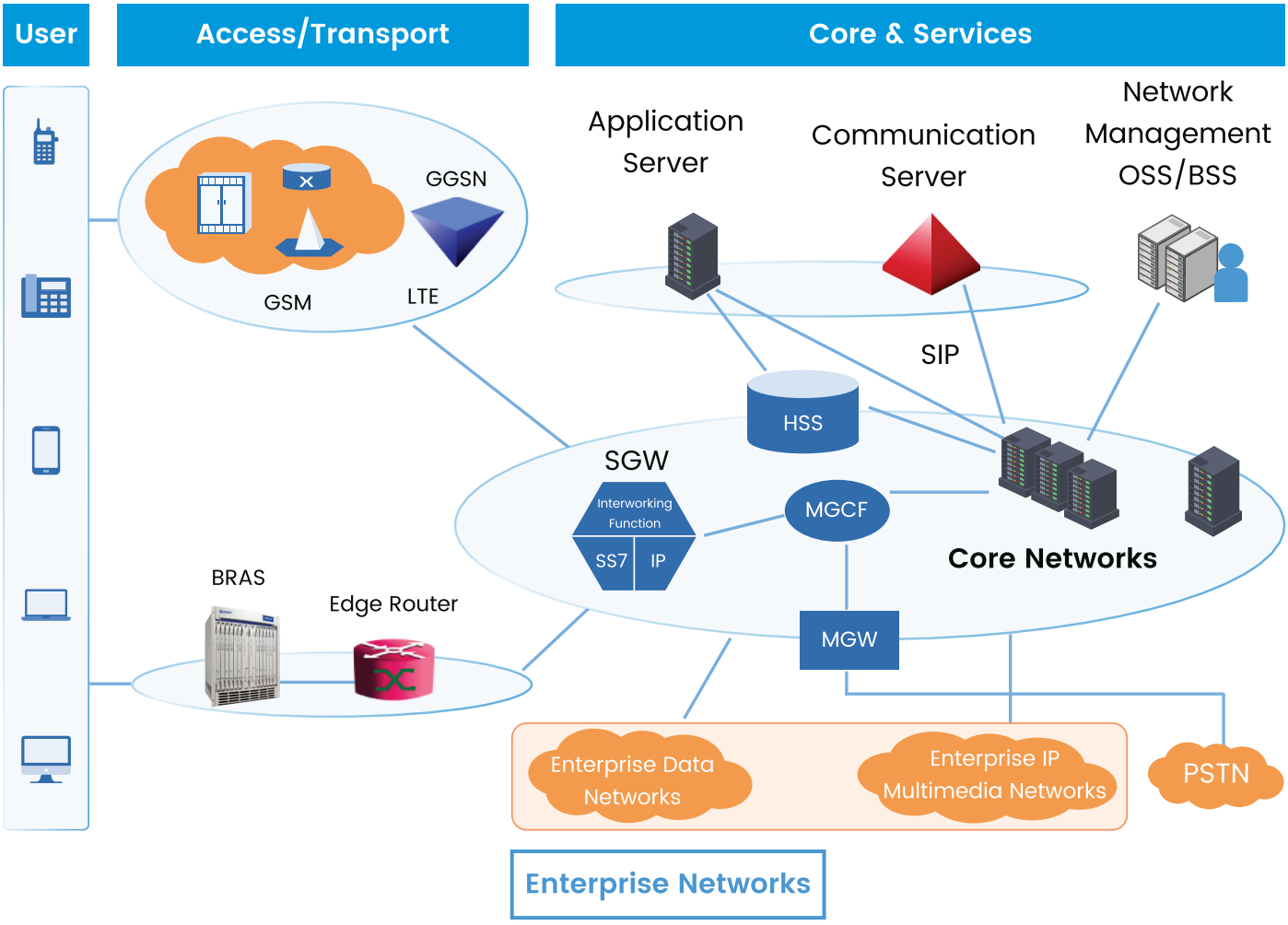


200 Cloud engineers

VNFM, LTE MANO, 5G Core, VNFs, UCaaS, CPaaS, CCaaS, STaaS (SIP Trunk as a Service)

Domains of expertise

Networking



700 Networking, EMS, NMS engineers

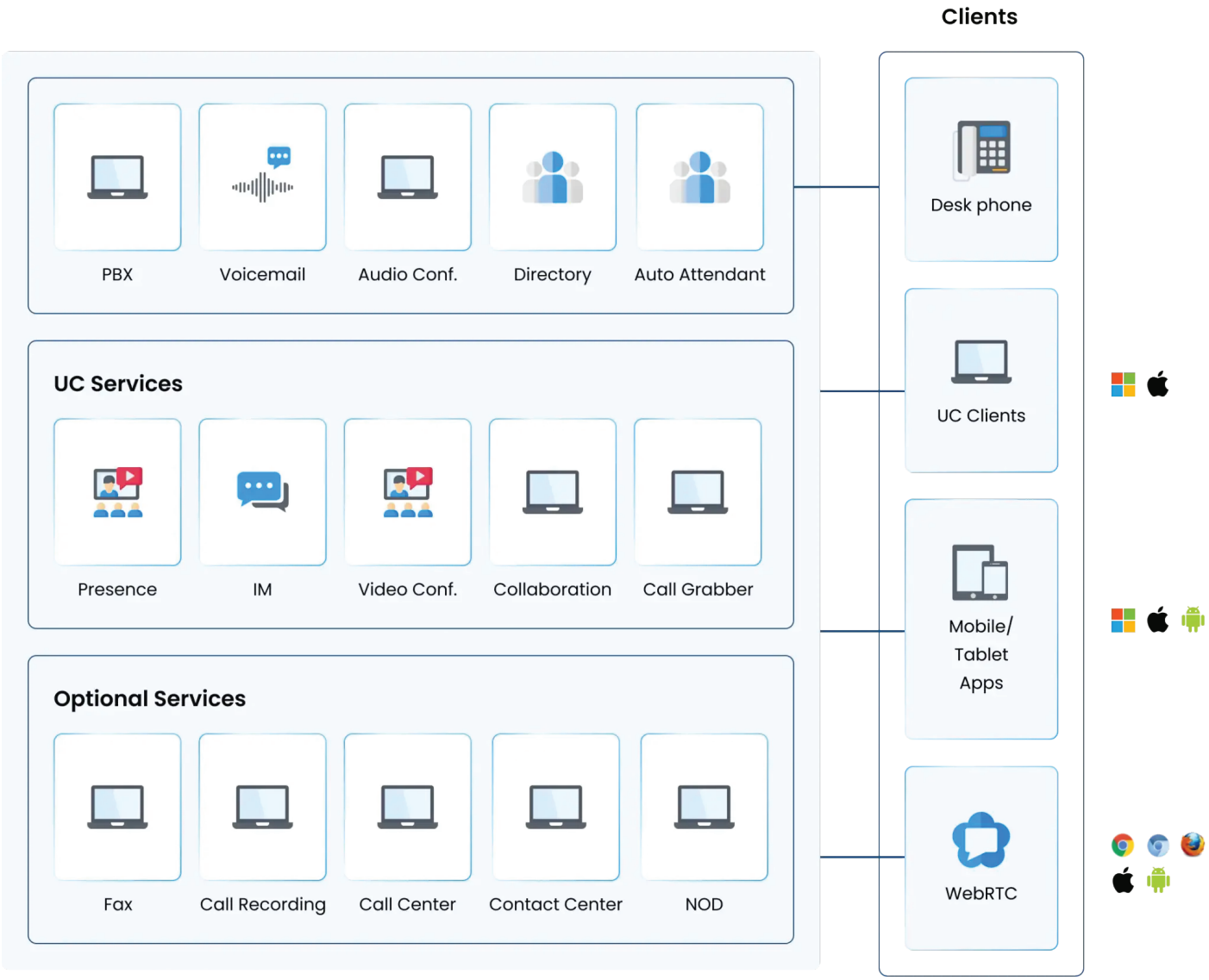
LAN Core/ Access Switch, Data Center Switch

Network Provisioning/ Monitoring/Control, Inventory Management

Service Edge Router, Carrier Edge Router, GGSN, SGSN, Broadband Remote Access, Access Management, Ethernet Routing Switch, BRAS

Domains of expertise

Clients

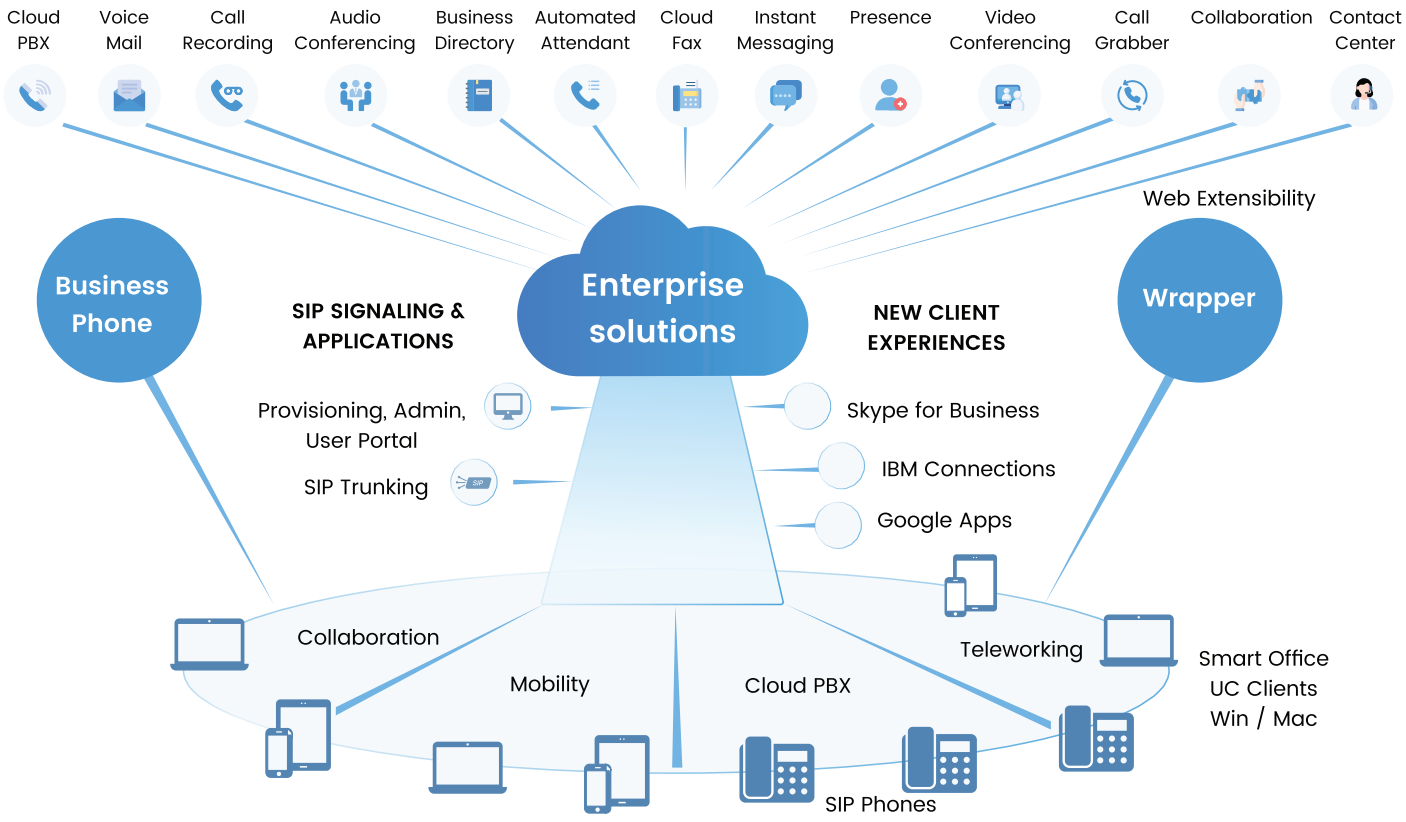


700
engineers

Mobile VoIP, SIP Soft/Hard Clients,
Smart Office Clients,
S4B & Microsoft Teams integration

Domains of expertise

Enterprise Solutions



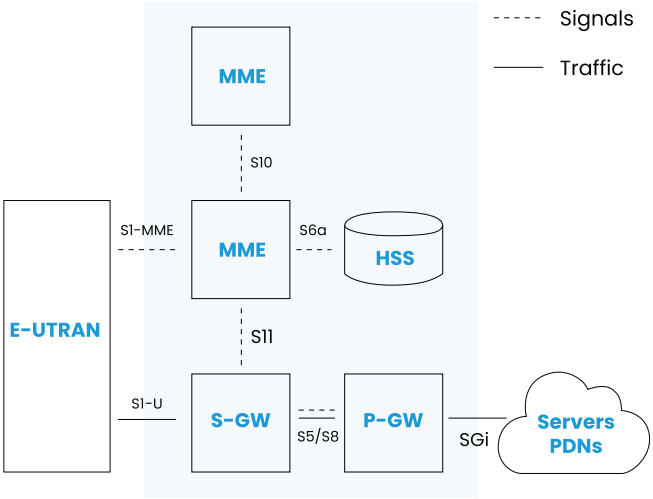
400 Enterprise
Communication engineers

Unified Communication Applications, Contact Center,
IVR, SIP PBX, Asterisk, WebRTC, Fax,
Voicemail, AI Voice, Live Support, Collab, IP Phones

Domains of expertise

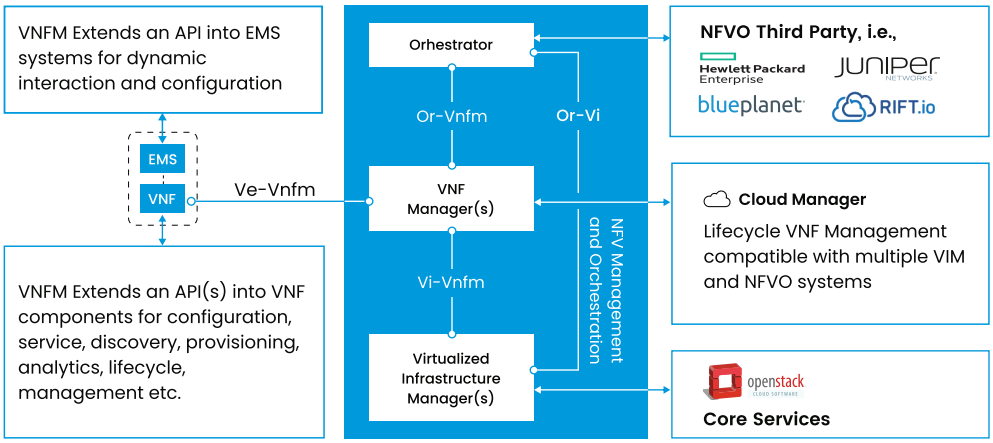
Case Studies

4G MVNO LTE EPC & MANO



- Software Testing
- Test Tool Development:
  - **Att tool:** automation frame work to executes procedure described in a scenario file
  - **Ysim tool:** simulate network devices and send message in any protocols
  - **ICARUS:** establish a big number of UE sessions
  - **MP3:** generate a big data traffic via LTE tunnel
  - **Log collector tools:** shsuite, pstat, dwdf, admf (for lawful intercept)

Virtual Network Function Manager



- Enable solutions for Telco to migrate their legacy networks to NGN (SoftSwitch & IMS)
- Services:
  - **Development:** New Features & Tools Product Sustaining
  - **Product & Solution Integration Testing:** Full testing including Performance & Security Test Manual, Automation and Continuous Testing
  - **Production Services:** Demo, Deployment Support Migration and Upgrade Procedure Development

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