

IETF 98 - CHICAGO

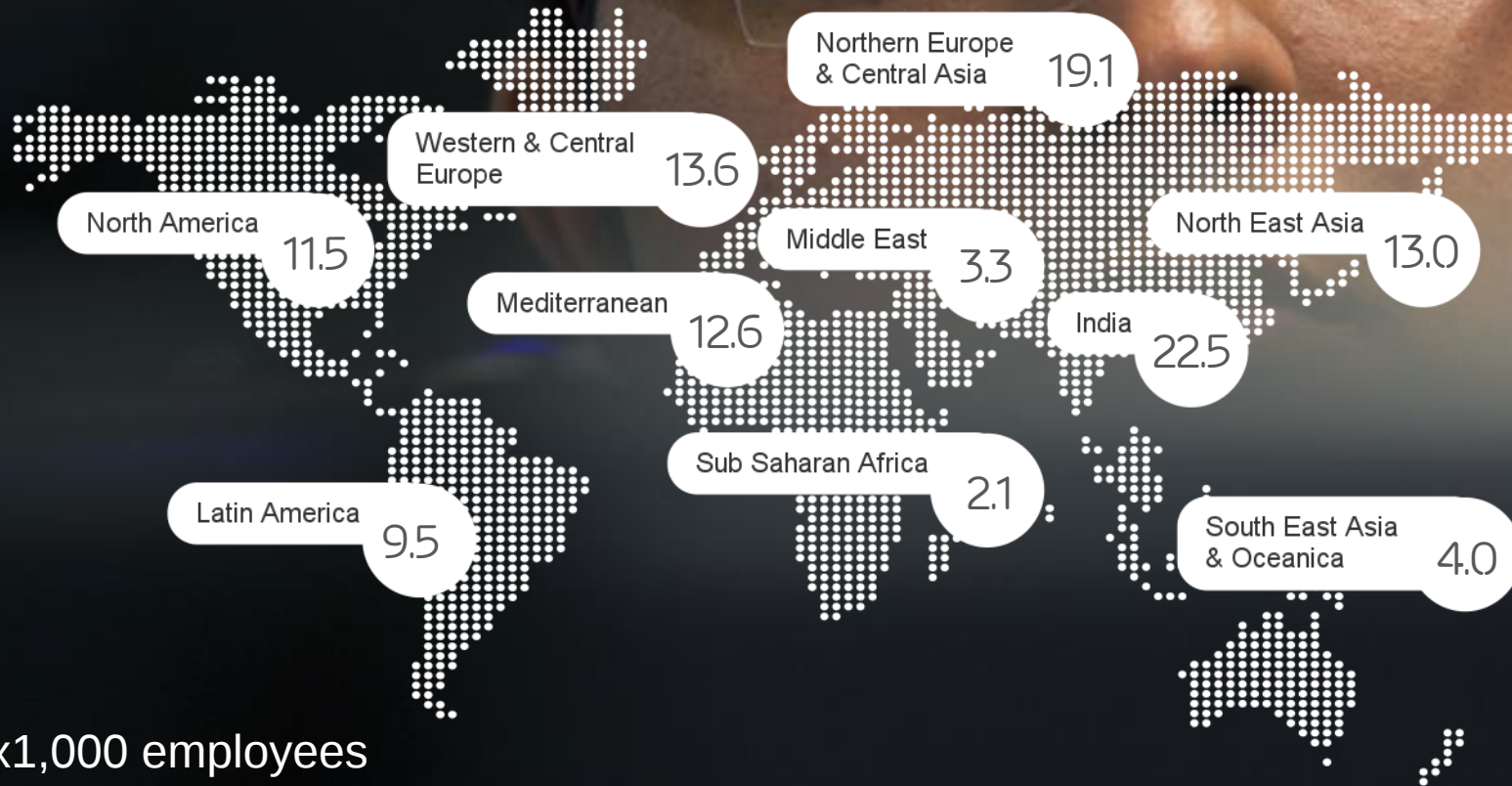
Gonzalo Camarillo
Head of Data/IT Standardization



ERICSSON

- › Host of IETF 98 in Chicago 2017
 - Hackathon sponsor
- › Global IETF Host
 - Montreal 2006 and Toronto 2014

GLOBAL PRESENCE



111,000

employees worldwide

62,400

of our employees are
active within Services

24,100

of our employees are
dedicated to R&D

RELEVANCE OF THE IETF



- › Industry alignment
 - Global community of partners, customers, etc.
- › Specific technologies
- › Governance
- › Stable administrative and financial support

IASA 2.0

5G



› Radio

- Massive reach
- Critical communications

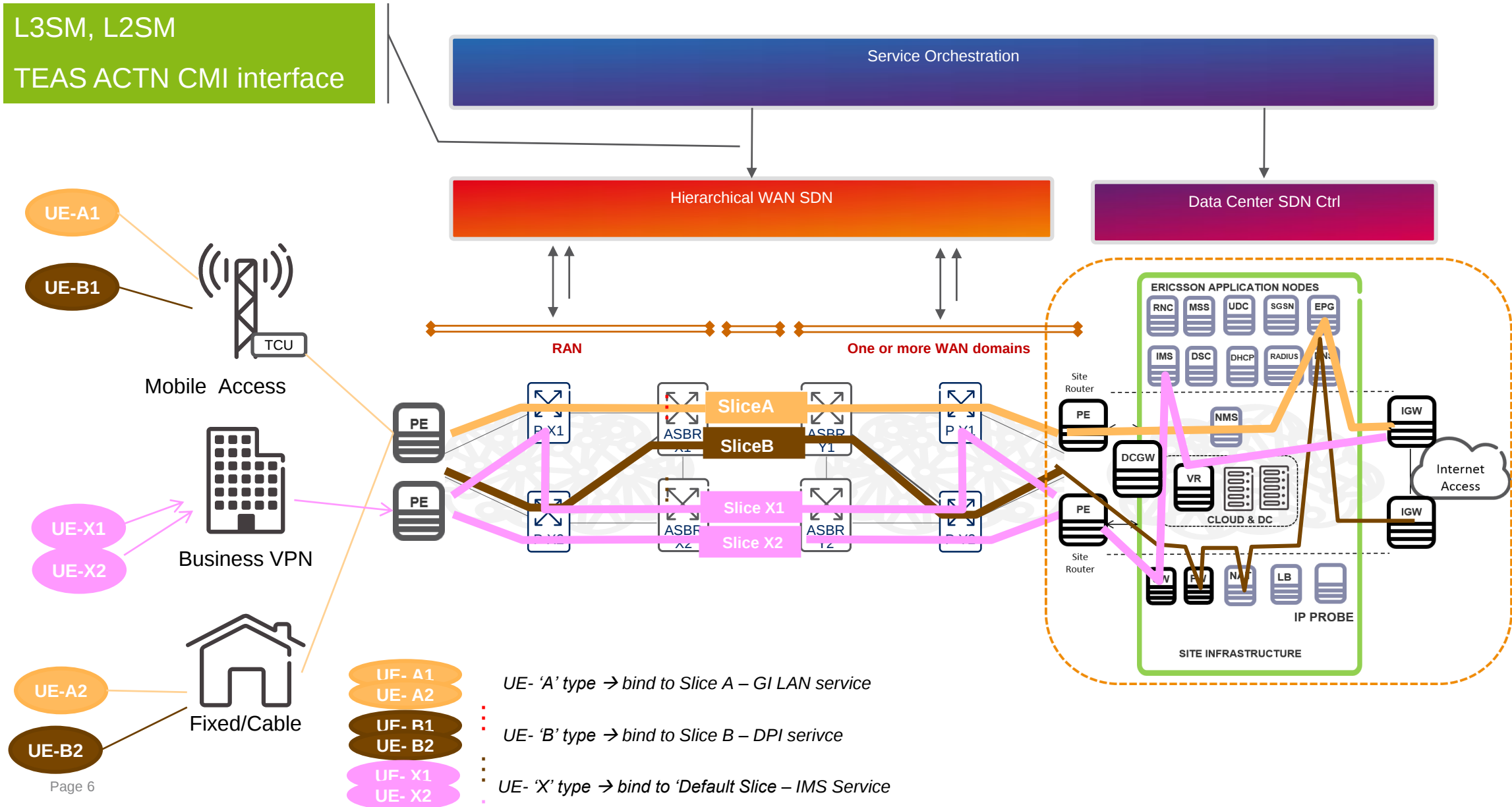
› Core network

- Requirements already coming to the IETF
- Includes but is not limited to the IMS

› Applications

- E.g., IoT

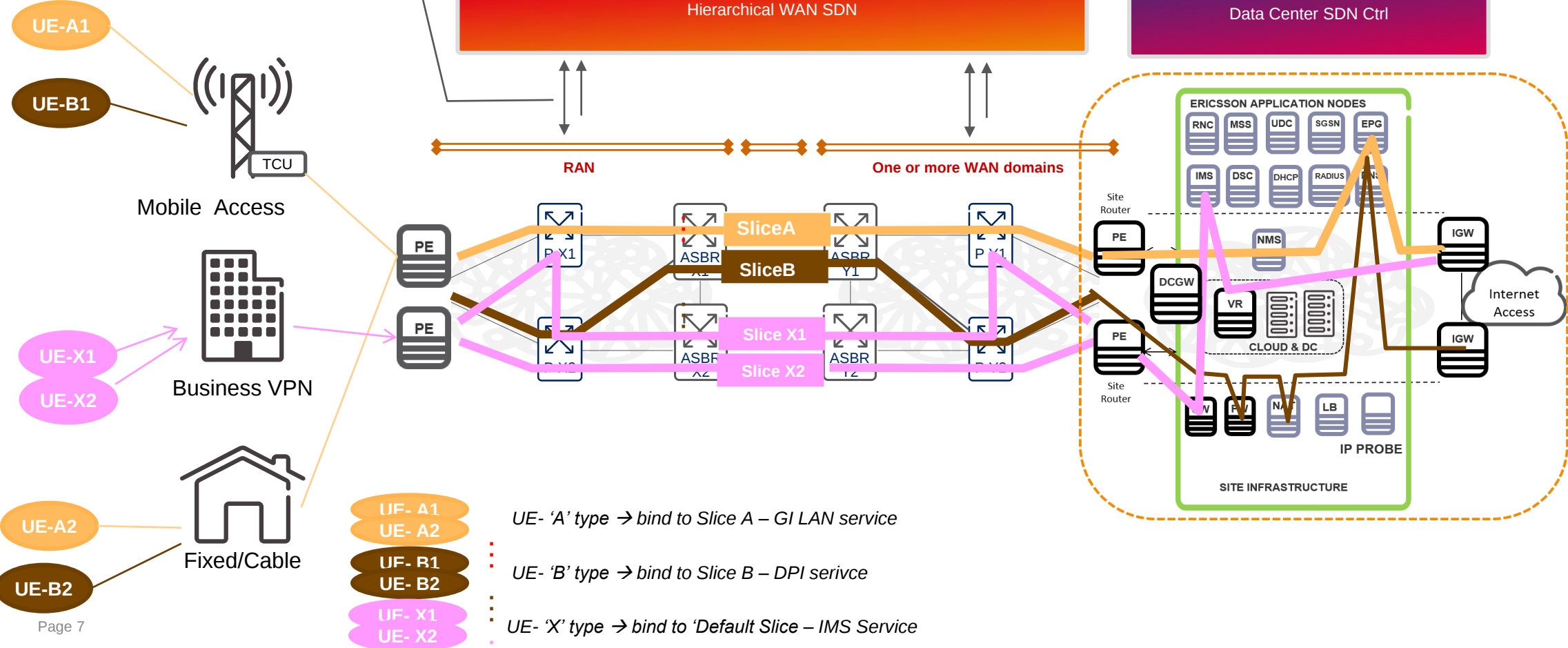
SERVICE TO SLICE BINDING



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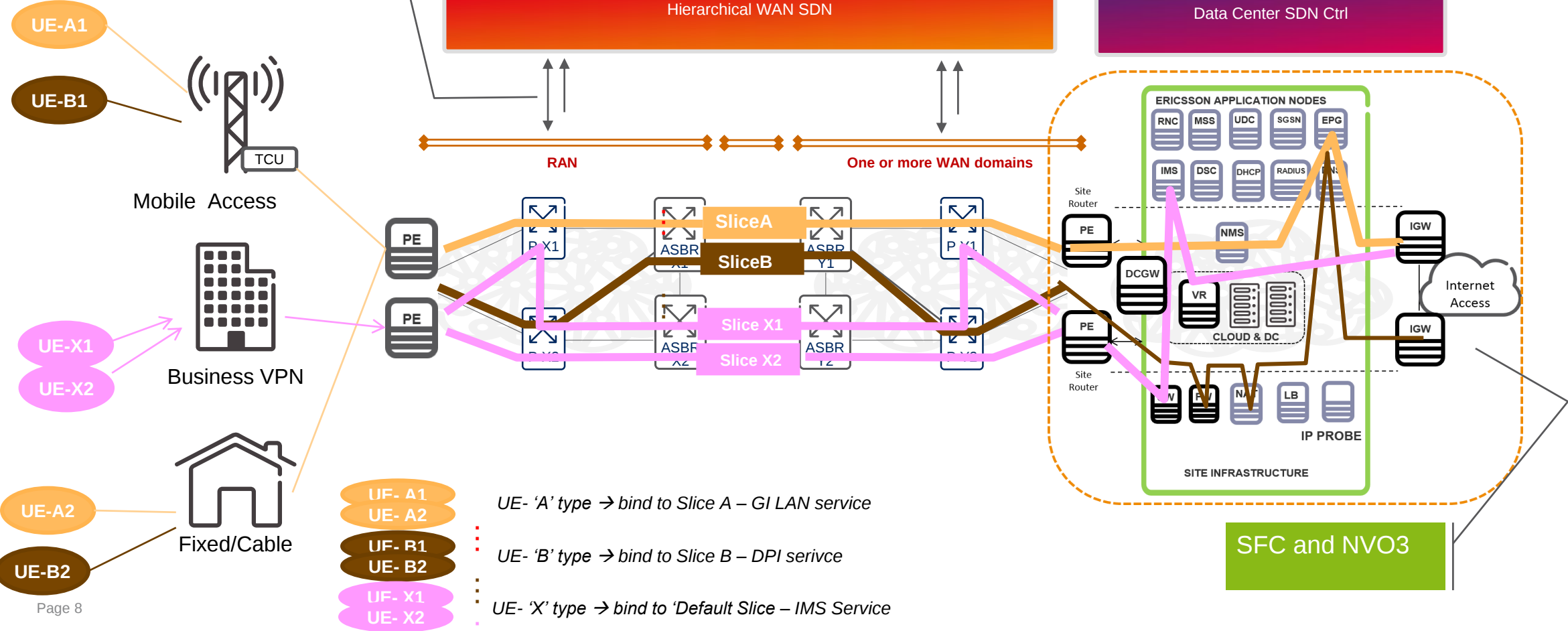
TEAS ACTN MPI interface
Traffic Engineering YANG models
Path computation
Topology abstraction



SERVICE TO SLICE BINDING

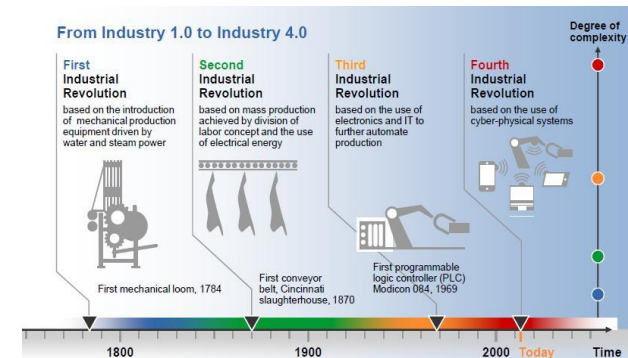
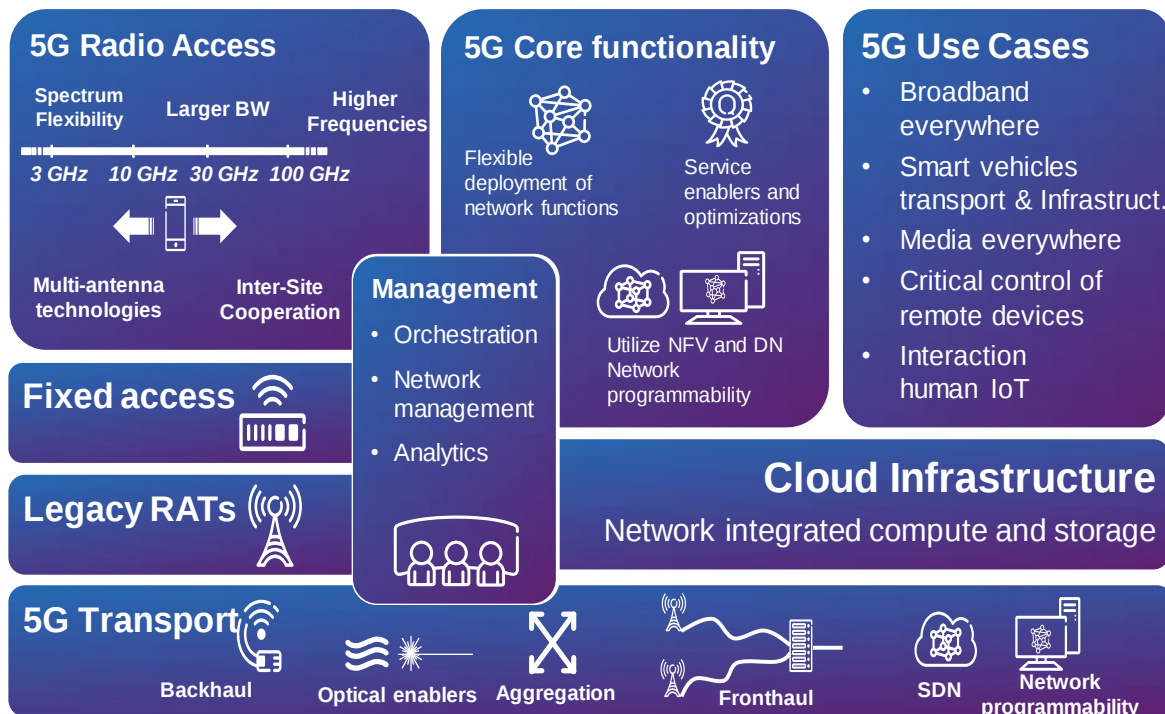


Traffic Engineering YANG models
Path computation
Technology specific modelling and
Topology



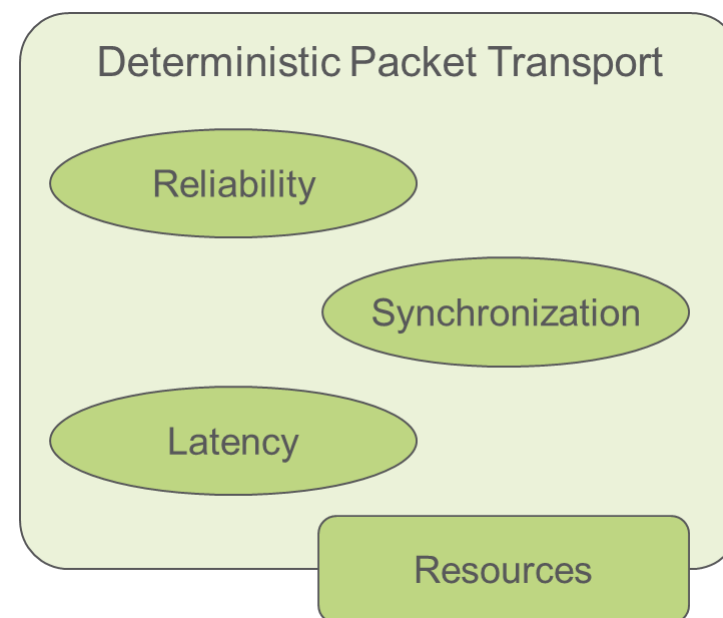
5G ARCHITECTURE

DEEP IMPACT ON NETWORKING



> New use cases

- Extra networking requirements (e.g., deterministic packet transport)

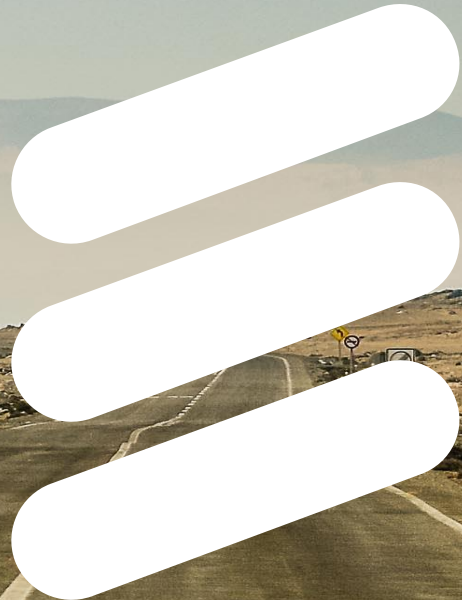


> 5G is not just more BW

- Creator of Networked Society
- **Enabler** of Seamless services usage and Many new use-cases

> 5G networking

- No more technology islands
- Distribution and Virtualization
- Results in additional requirements



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