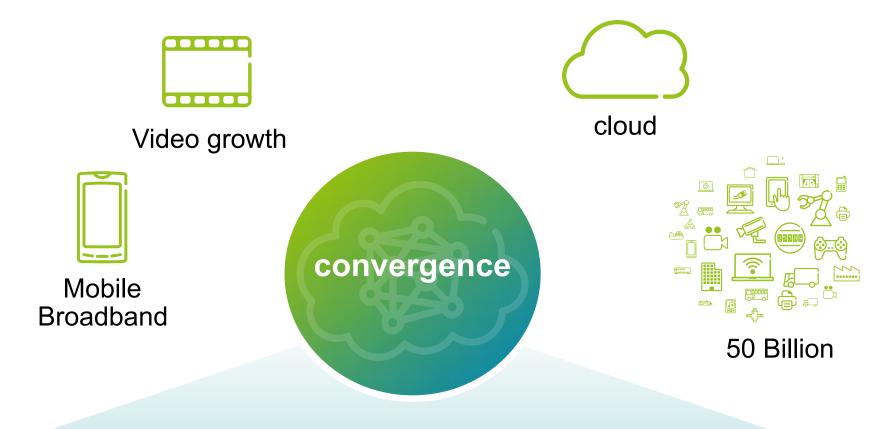


Opportunities and Challenges with sdn to realize fully converged network

Mallik Tatipamula, Ph.d Head of Ip and cloud technologies Ericsson research silicon valley

## drivers for sdn

service and business model transformations



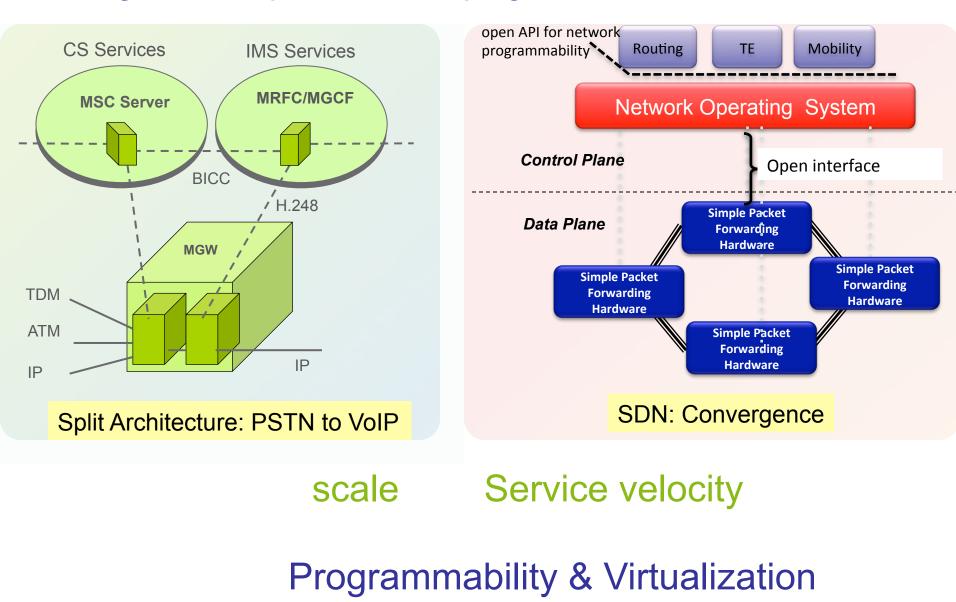
#### SOFWARE DEFINED NETWORKING

Economics

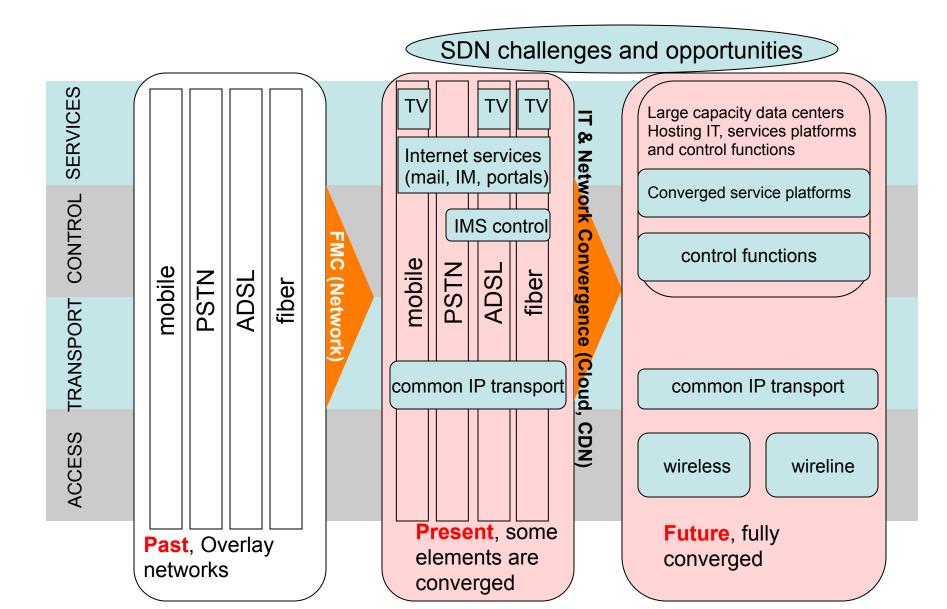
enablement



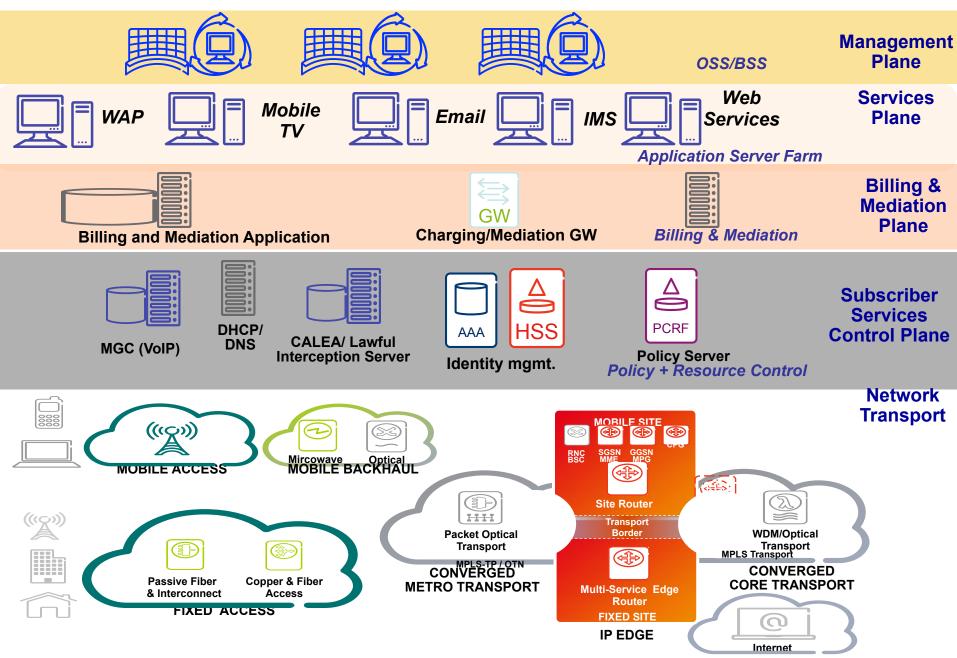
### Ericsson is at the forefront Learning from the past & developing the future



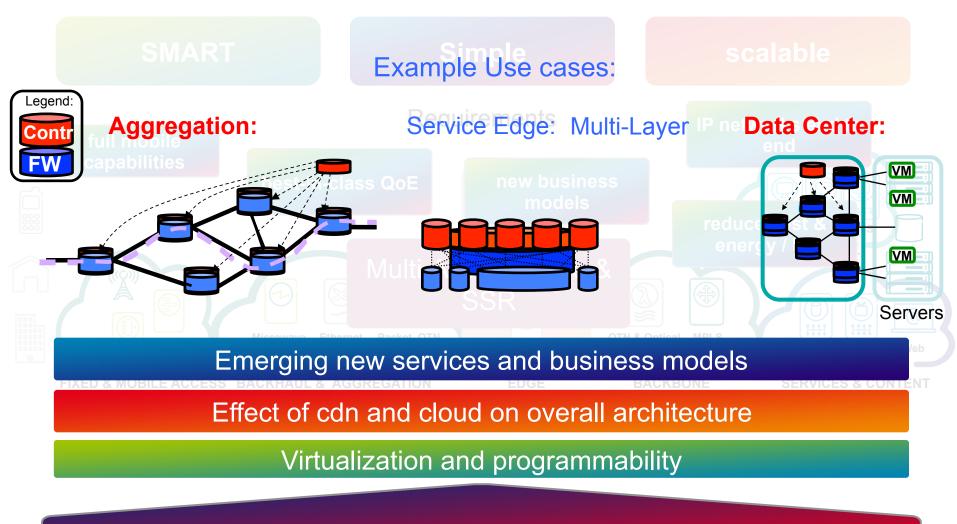
### Past, present and future EVOLUTION TOWARD FULLY CONVERGED NETWORK



### Present network: Typical service provider network building blocks



## future sdn based converged network: Investigations and prototypes



Software defined networking

# Architectural approach and prototype implementations



Prototypes: Access and Aggregation cloud (Elastic Networking and Virtualization)



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