SERVICE PROVIDER CLOUD EVOLUTION

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NFU Conference – 6 June 2017 Francois Lemarchand – Head of NFVI product strategy

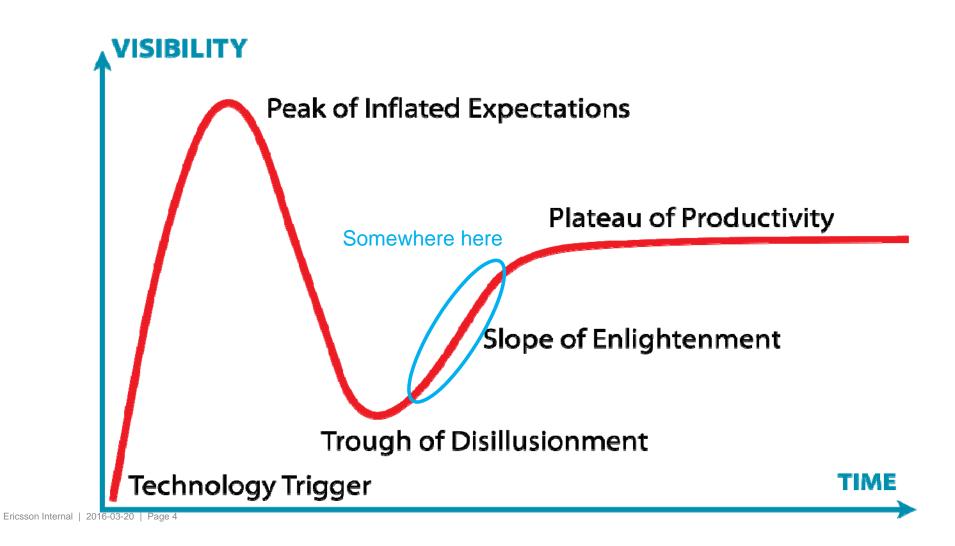
5G & IOT USE CASES



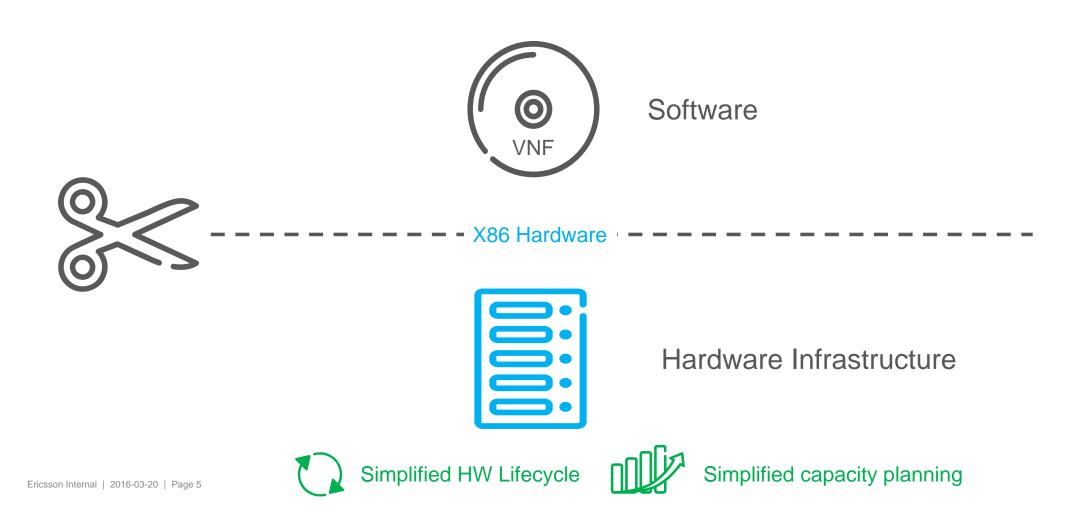
ONE NETWORK – MULTIPLE INDUSTRIES



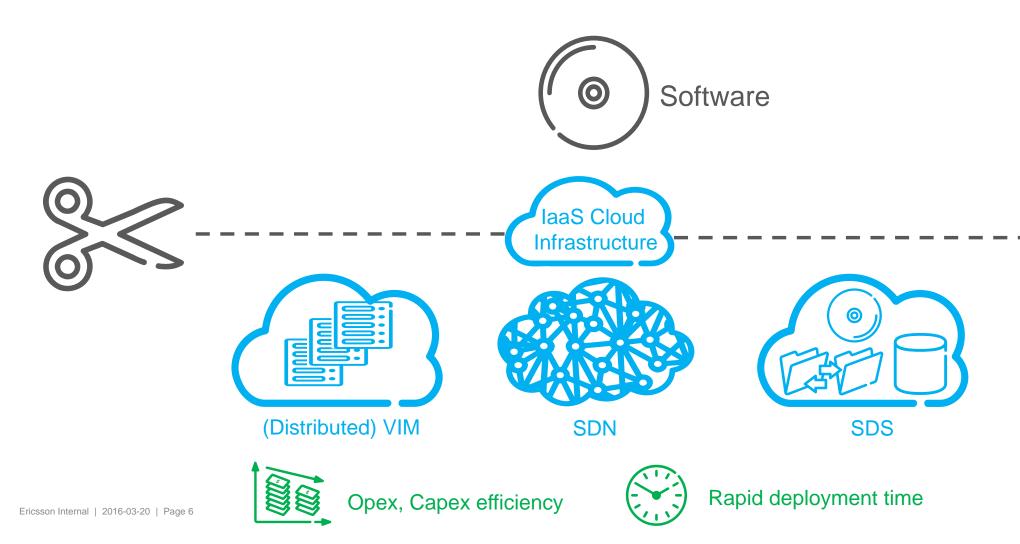
WHERE ARE WE?



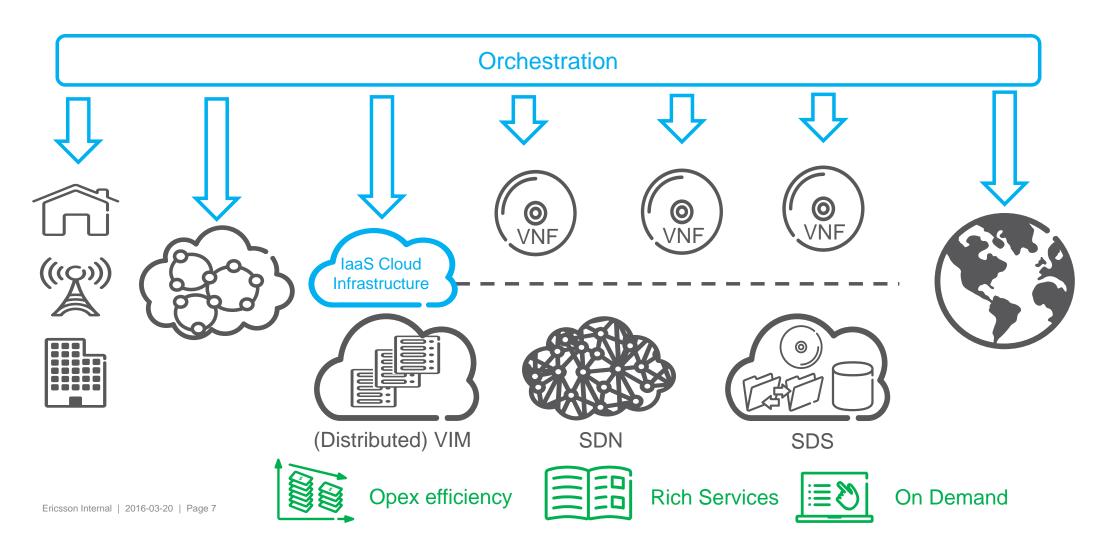




CLOUD IAAS DEPLOYMENT

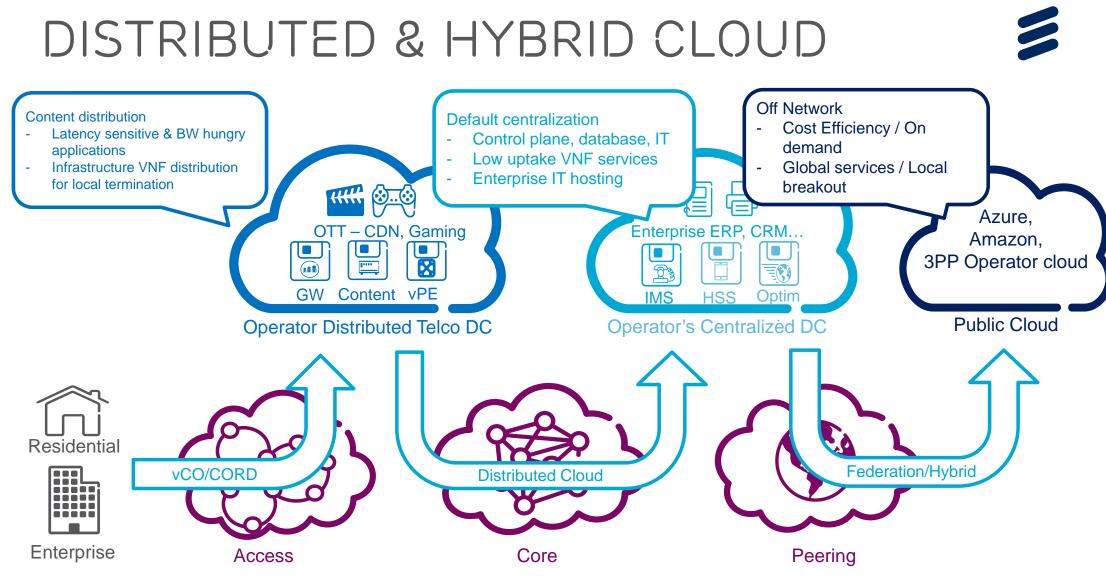


SERVICE LAYER ORCHESTRATION



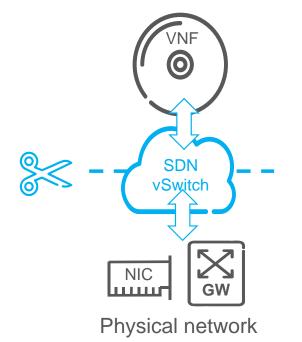


WHAT'S NEXT?



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HARDWARE OPTIMIZED CLOUD



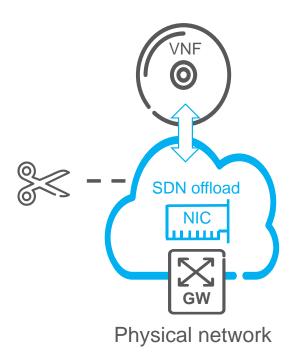


ONIC GW

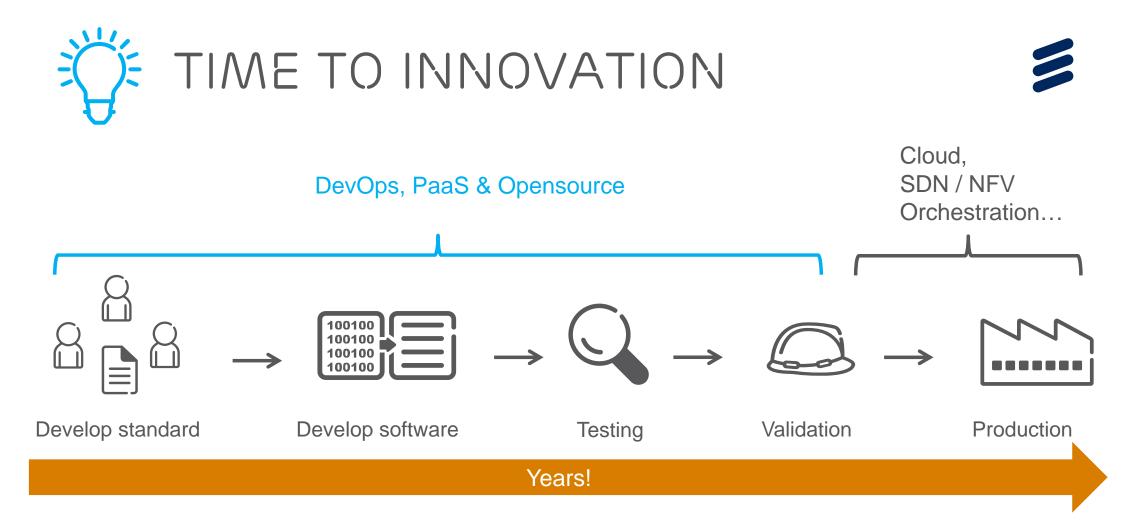
Physical network



Bare Metal performance

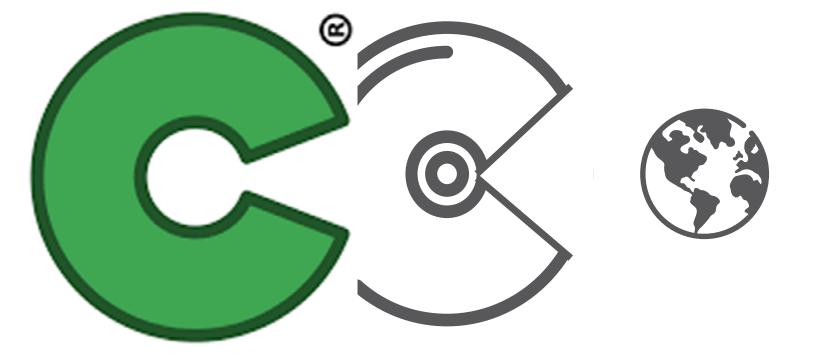






SOFTWARE IS EATING THE WORLD ...

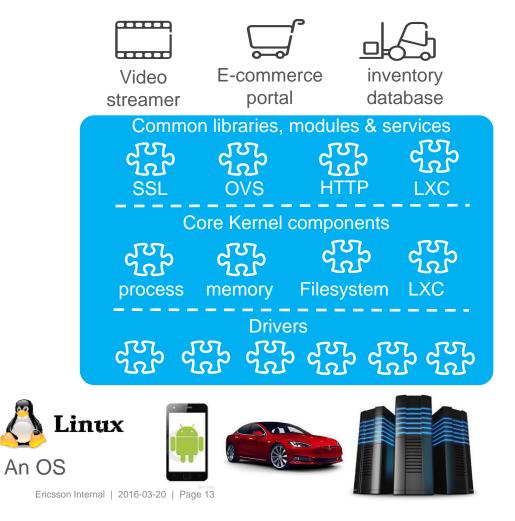
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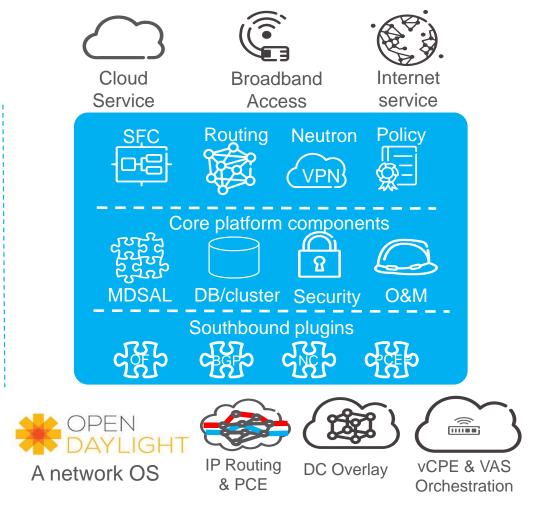




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OPENSOURCE PLATFORM TO FOSTER THE INNOVATION

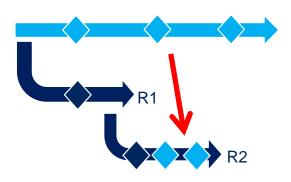




UPSTREAM FIRST MODEL



Downstream

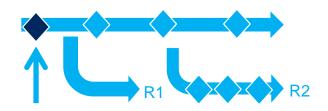


- Duplication of work
- Growing integration effort
- Reduced interoperability with VNF ecosystem

Upstream



Upstream first



- > Efficient downstream
- > Ecosystem compatibility
- Slow and inneficient upstream process

- > Efficient downstream
- > Ecosystem compatibility
- > Simplified upstream

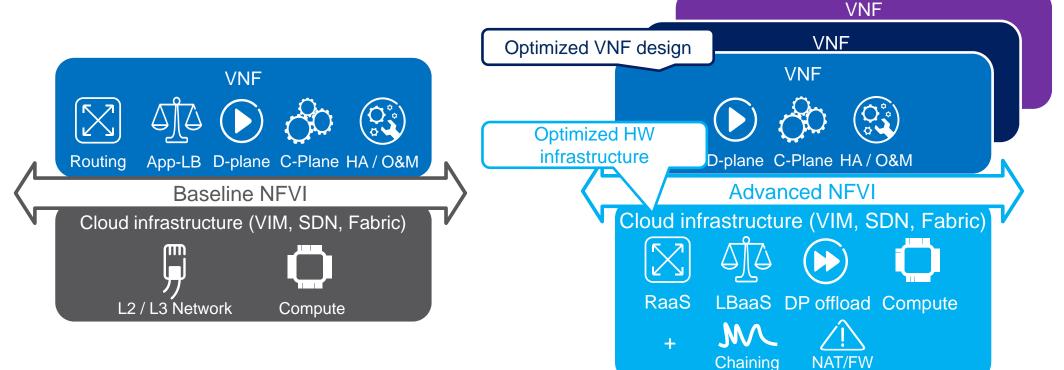








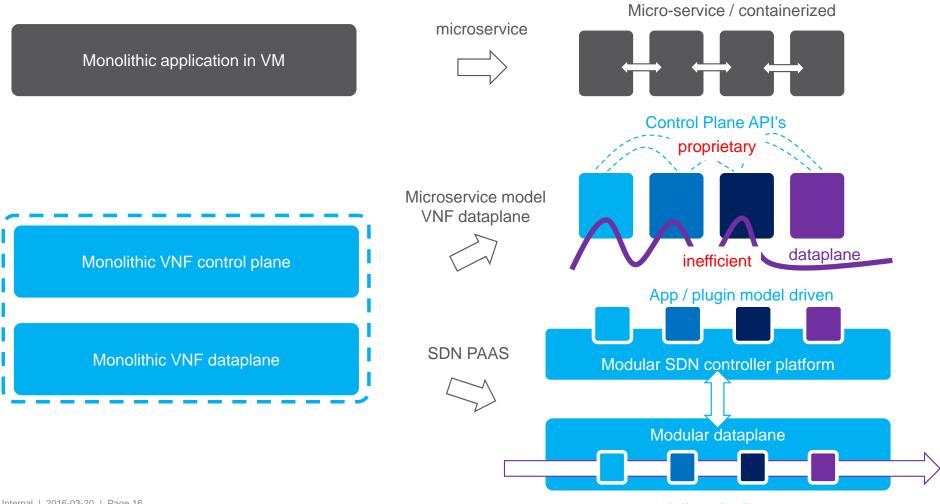
PAAS / SERVICE ENABLED IAAS



- > VNF mirrors stand alone nodes design
- NFVI provides baseline lowest common denominator HW abstraction

- Cloud optimized VNF design
- Service enabled NFVI
- Infrastructure owner free to introduce HW accelerations for offloaded services

NETWORK CENTRIC PAAS FUTURE

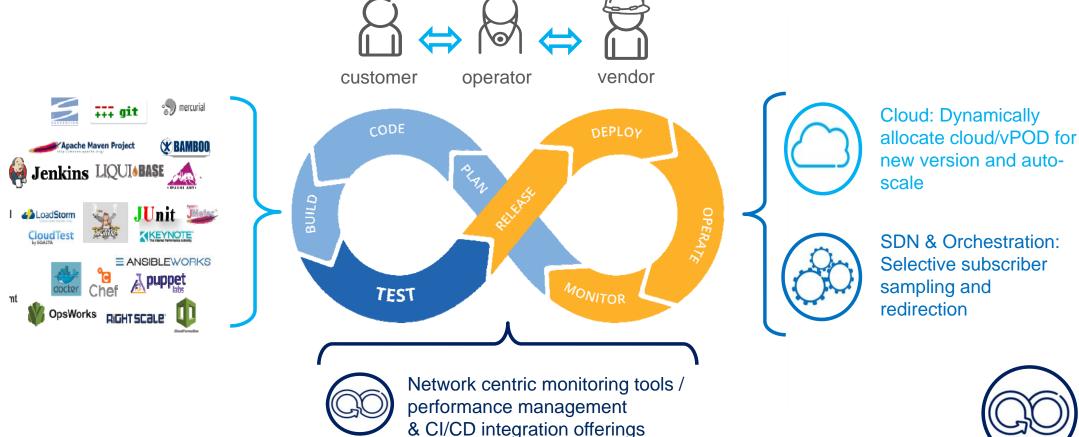


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Inline pipeline

DEVOPS: ACCELERATE INNOVATION AND REDUCE OPEX





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NEW TECHNOLOGIES FOR SUCCESS





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