DT RAN DISAGGREGATION

NGMN ODiN webinar | Franz Seiser, Marc Fiedler et al | 14.10.2021

LIFE IS FOR SHARING.

Confidential



Key Challenges in RAN

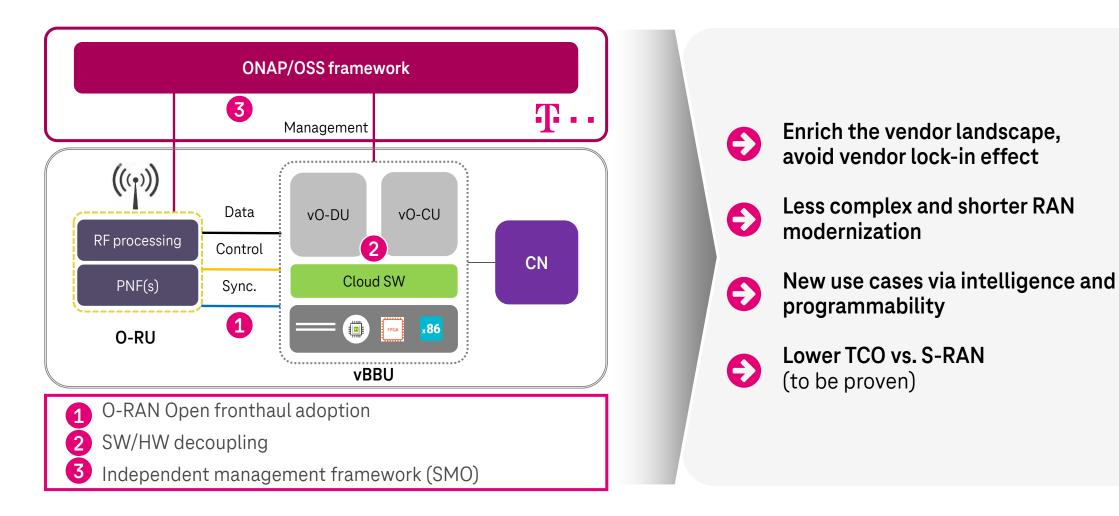
Ecosystem challenge

Deployment cost & flexibility

Cumbersome & costly RAN swap

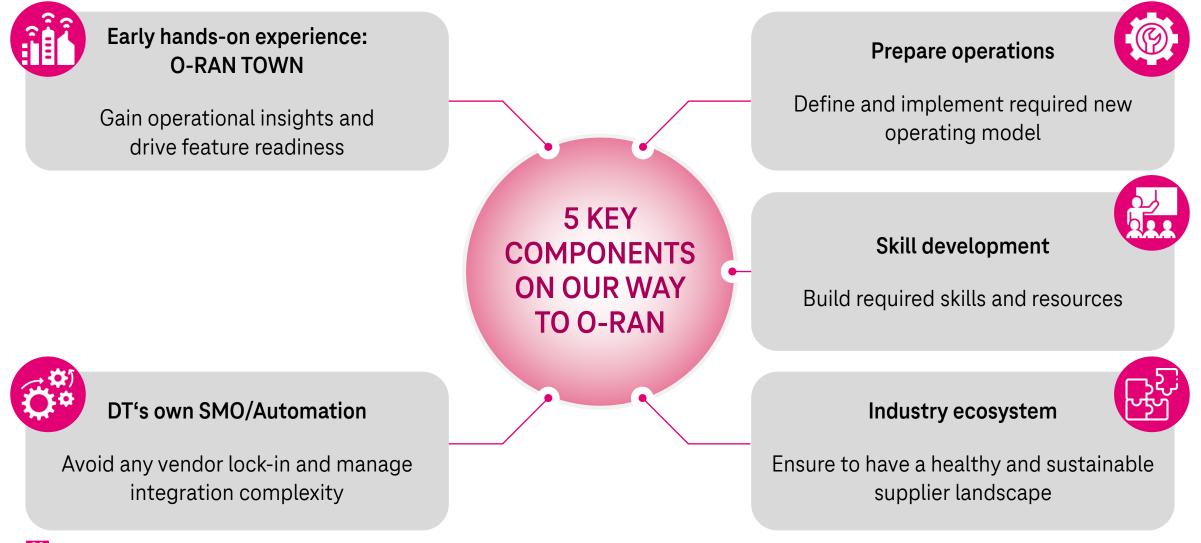
Low flexibility limits innovative power

What do we expect from RAN Disaggregation/O-RAN

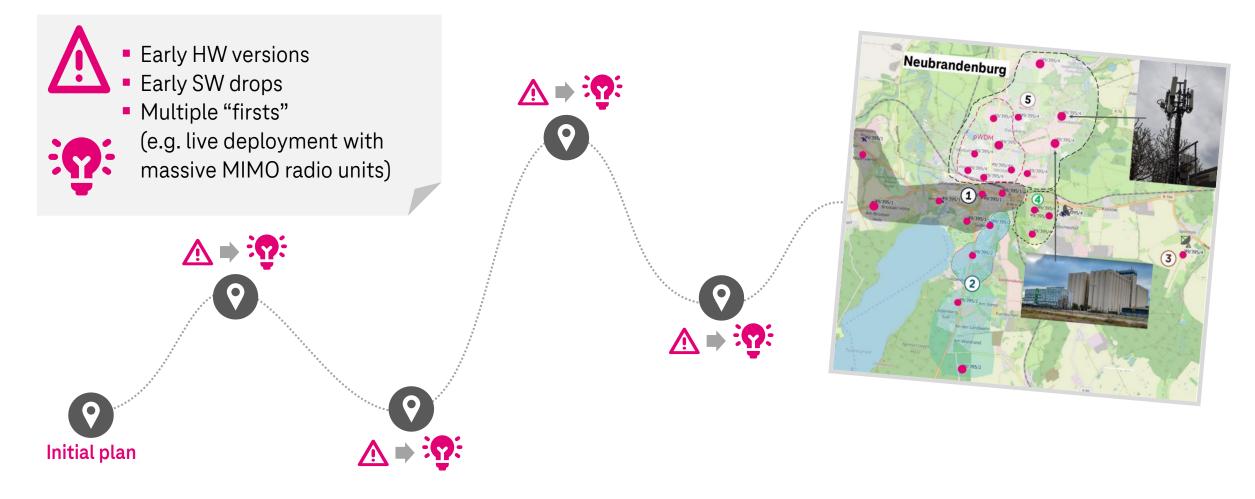


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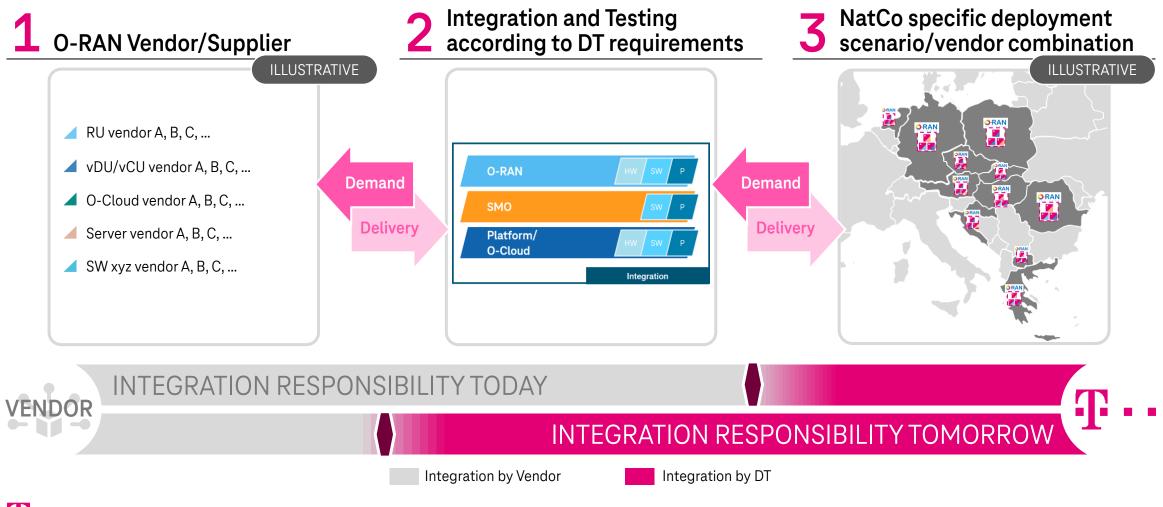
DT ambition: O-RAN as a deployable option by 2023



As expected, the O-RAN Town journey is not a straight path—but provides very valuable learnings



Operating model: integration responsibility moves towards the operator



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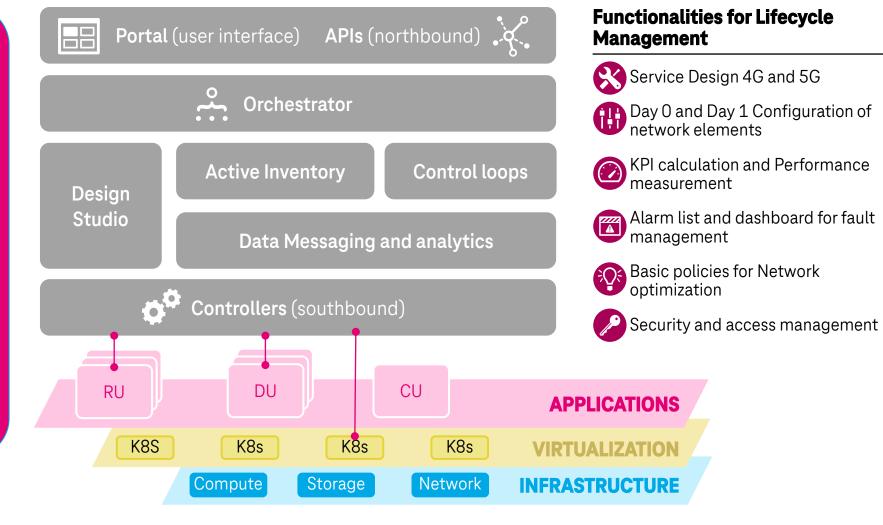
- DT RAN Disaggregation -

Piloting of SMO concept @ O-RAN Town

Platform for Service Management and Orchestration (SMO)

- Integration with O-RAN cloud native functions (CNF)
- Integration with O-RAN compliant RUs as physical network functions (PNF)

Γ-ΝΑΡ



DT SMO platform based on open source (ONAP) Development roadmap until 2023

Gaining Operational experiences	Run automation	Production readiness	for commercial operations
2021	2022	2023	operations
Setup platform gain experience with CU/DU split	Increase automation capabilities extension of scope	Operationalize NW functions improve automation by QoS aspects and process adoption	

Ready

Thank you!