



Building Telco Cloud with Common NFVI

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Vodafone | Our Journey to Cloud Native

NFV

Promise: Commodity Hardware & shared Infrastructure

VIR

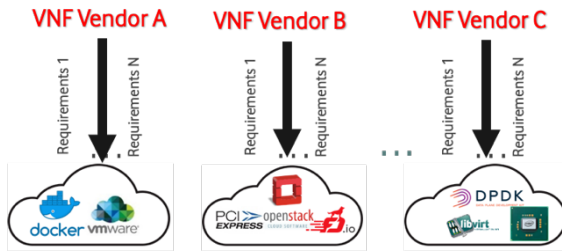
Current: NF Virtualized with Dependency on Infrastructure

**Cloud
Native**

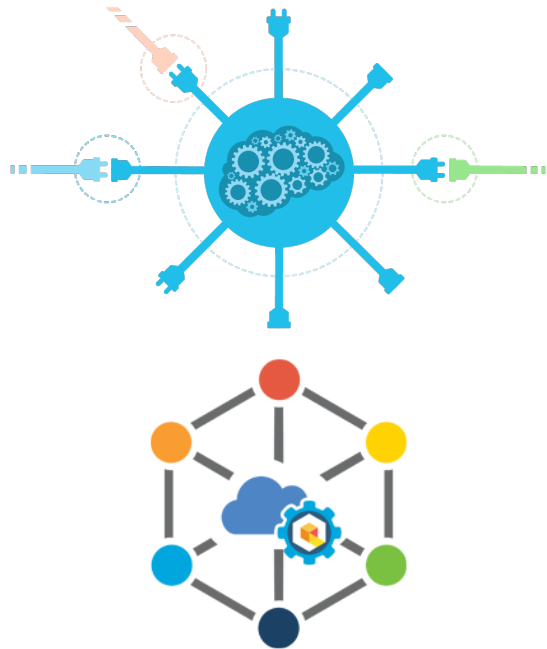
The need: True Cloud with Cloud Native Principles



Vodafone | Challenges



VNF and NFVi Integration Inconsistent

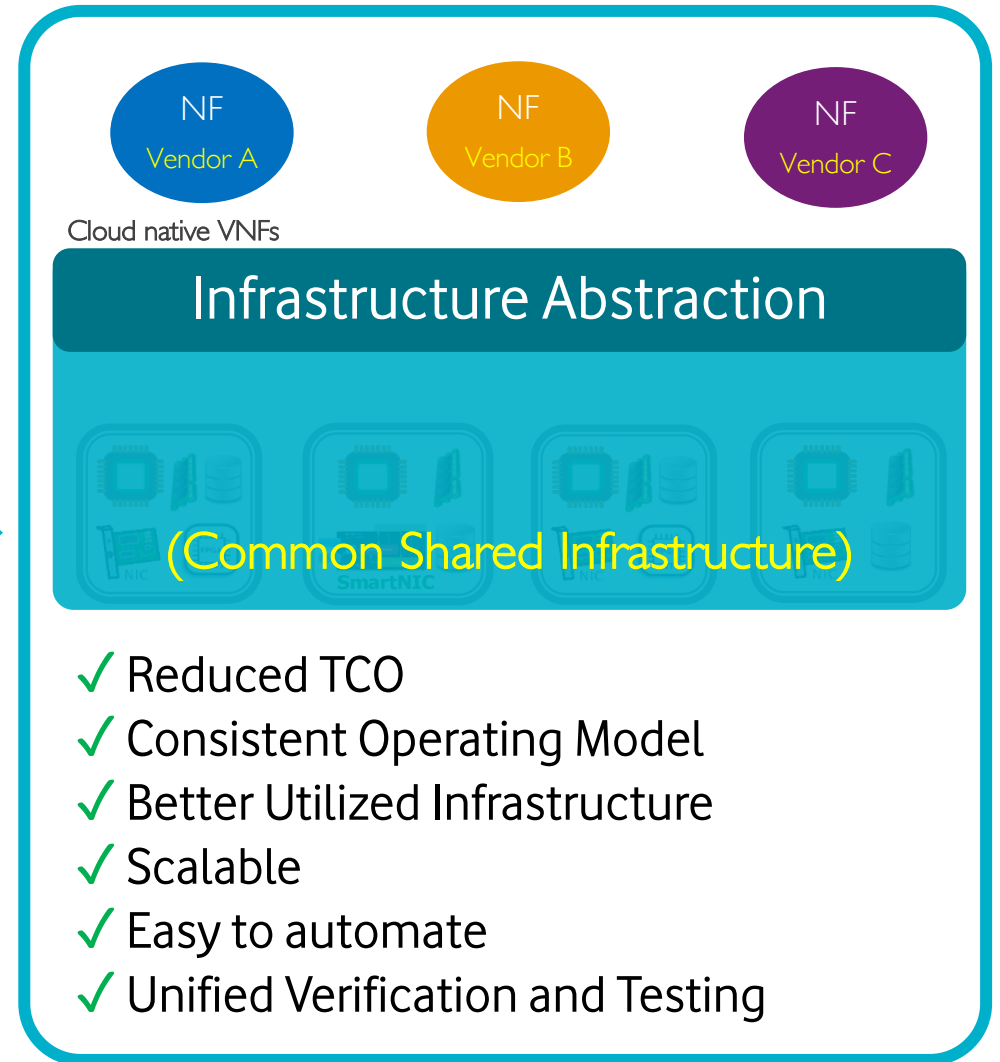
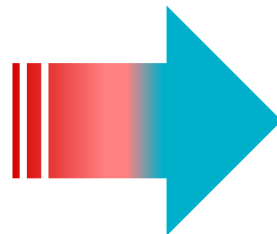
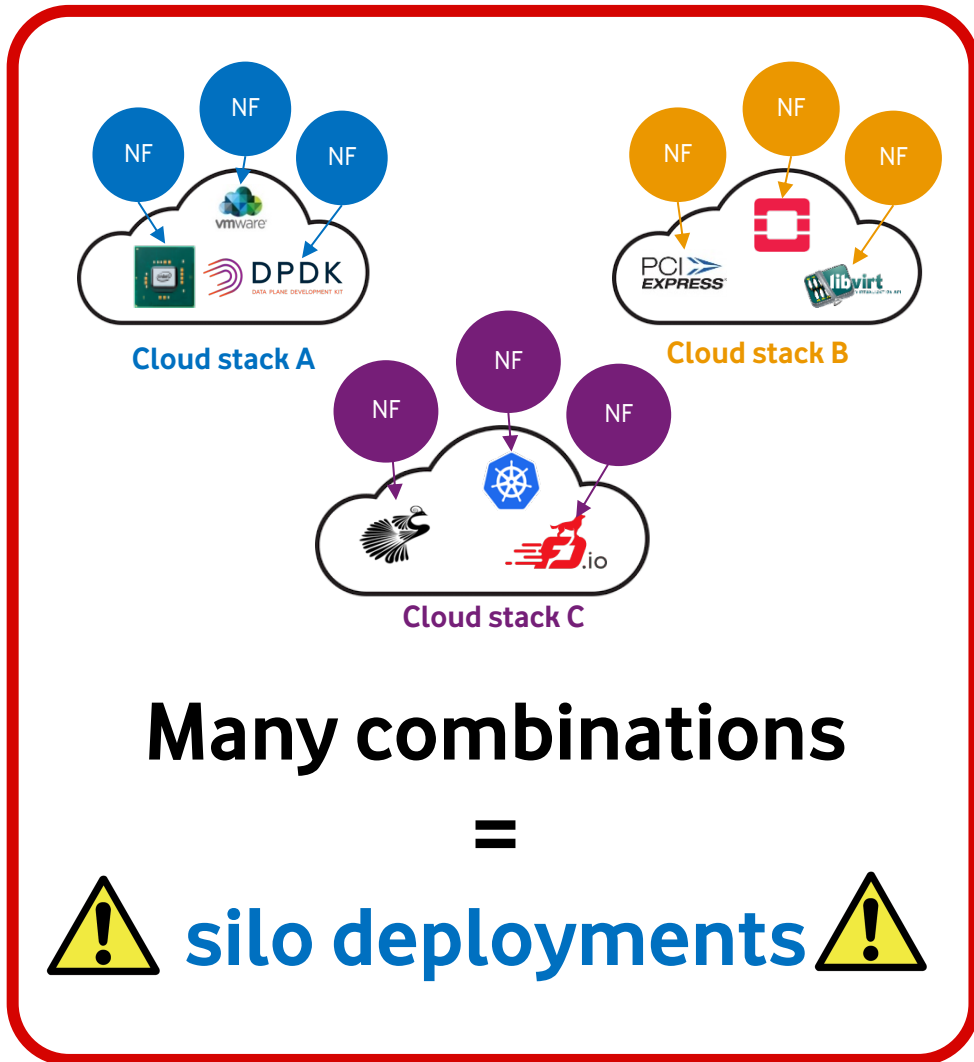


VNF Support of Network Orchestration Absent

Cloud Native Implementations Slow to Market



Vodafone | The need to move to cloud native



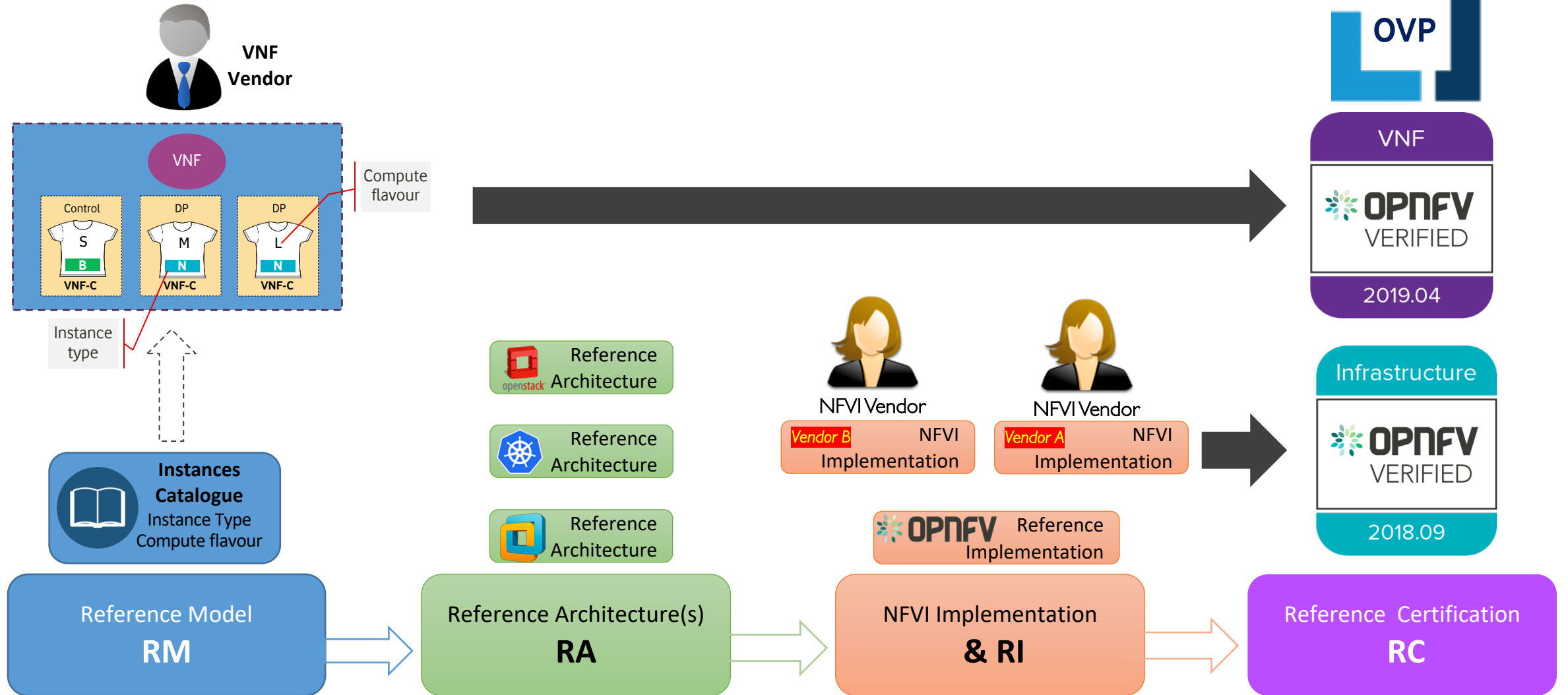
CNTT | Common NFVI Telco Task Force (CNTTT)



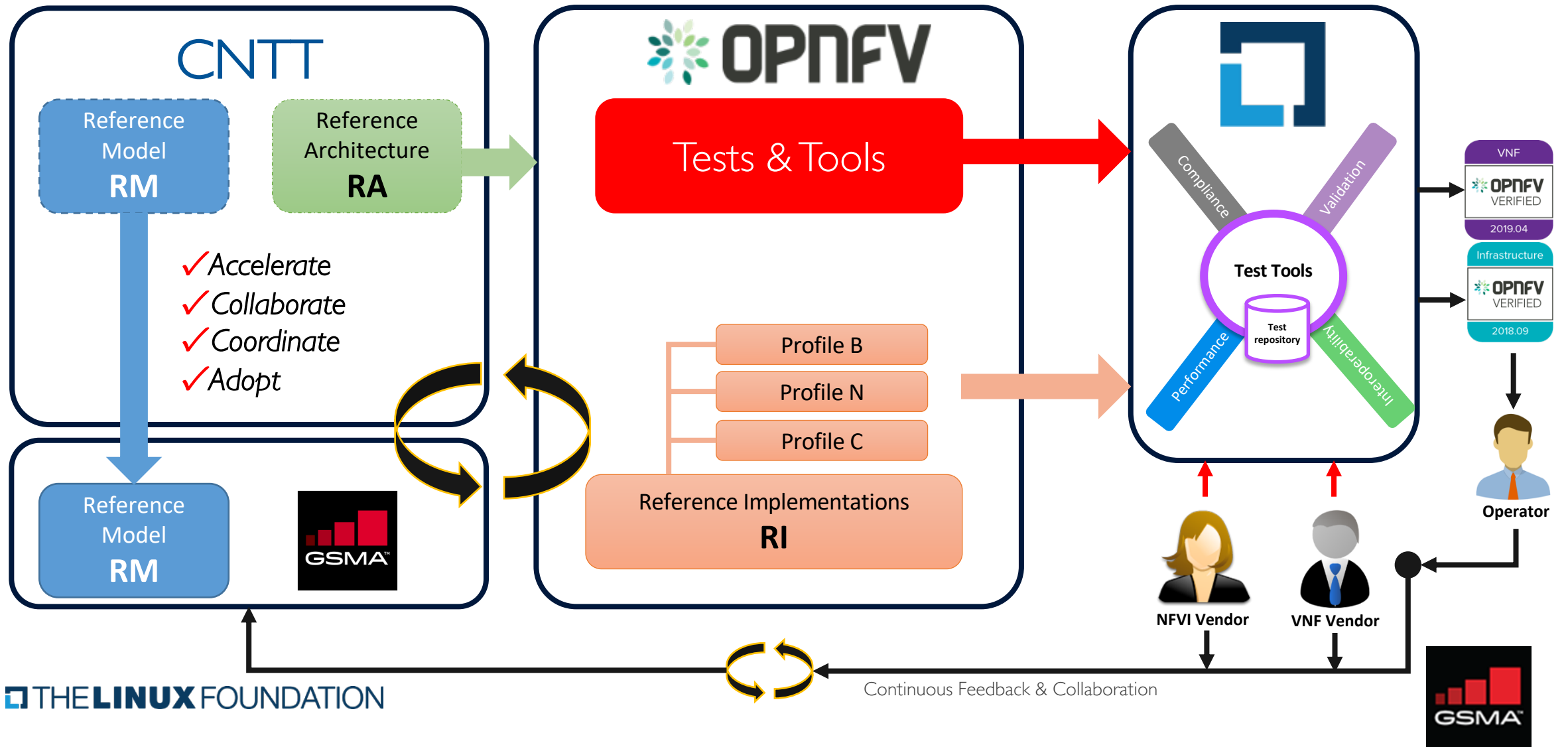
SPONSORS



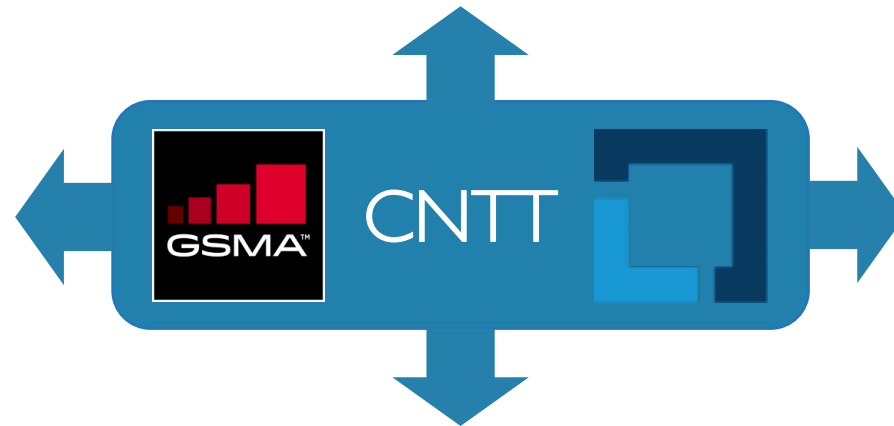
CNTT | Expected Outcome



CNTT | LifeCycle Framework



CNTT | Relationship to other communities



CNTT | Roadmap

Reference Model

Reference Architecture

Reference Implementation

RM 1.0

 Released!

RA1 1.0

openstack

RM 2.0

Botrange

RA2 1.0


RI 1.0
OPNFV

RA1 2.0

openstack

RM 3.0

Stable

TBD

RA2 2.0


Infrastructure
OPNFV VERIFIED
2018.09

RI 2.0
OPNFV

RA1 3.0

openstack

Stable

RM 3.x

TBD

RA2 3.0


VNF
OPNFV VERIFIED
2019.04

Infrastructure
OPNFV VERIFIED
2018.09

RI 3.0
OPNFV

Stable

RA1 3.x

openstack

RM 3.x

TBD



CNTT | How to Contribute



<https://github.com/cntt-n/CNTT>



<https://cntt-n.github.io/CNTT/>



<https://github.com/cntt-n/CNTT/wiki>

Reference Model

RM

https://github.com/cntt-n/CNTT/tree/master/doc/ref_model

Reference Architecture

RA

https://github.com/cntt-n/CNTT/tree/master/doc/ref_arch

Reference Implementation

RI

https://github.com/cntt-n/CNTT/tree/master/doc/ref_impl

Reference Certification

RC

https://github.com/cntt-n/CNTT/tree/master/doc/ref_cert

**GET
INVOLVED!**

