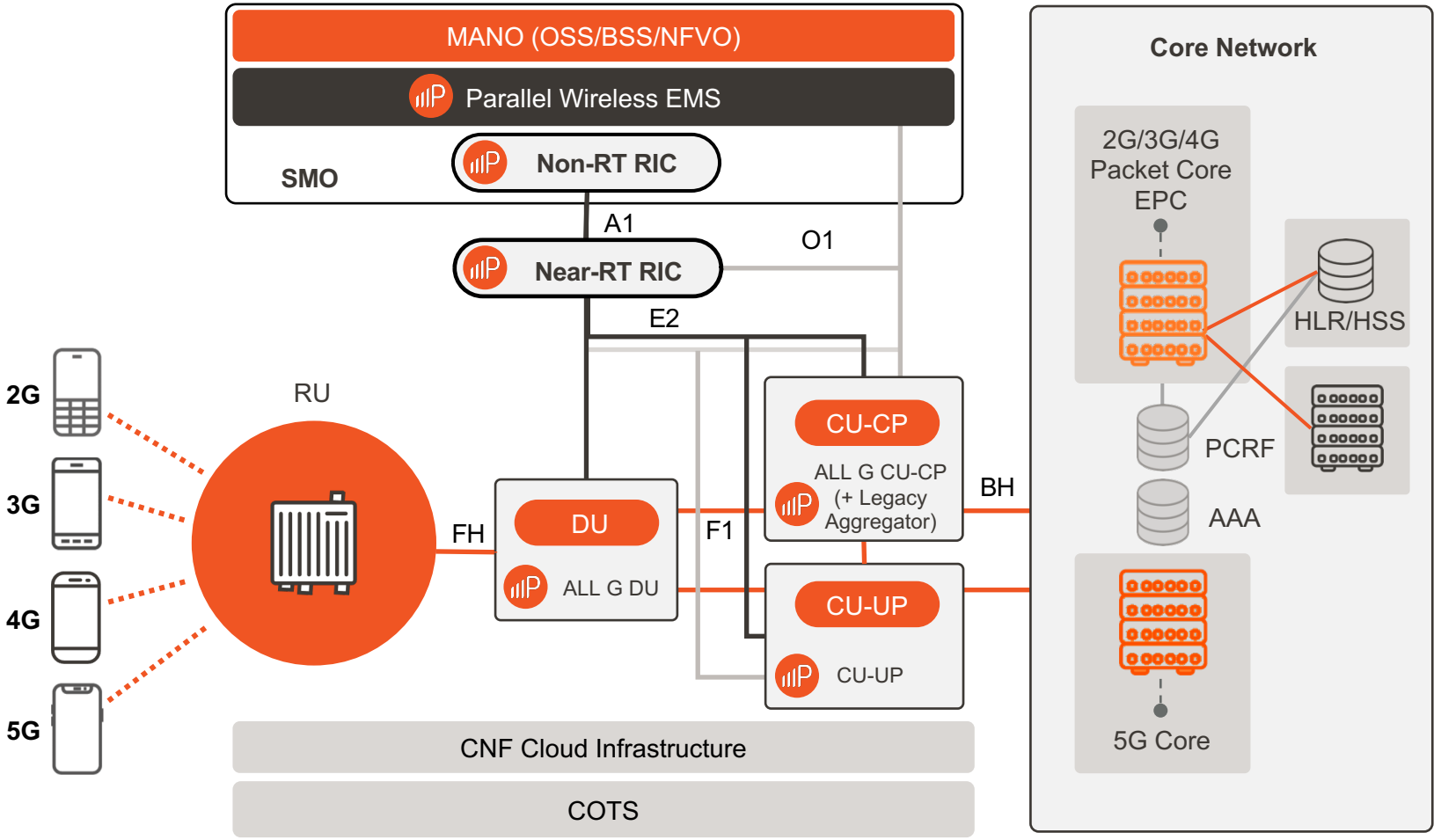
OPEN RAN PRIVATE NETWORKS

5G Small Cell World Summit

Parallel WIRELESS

Private Networks Requirements



Open and Interoperable:

Leverage 3GPP compliant RAN functional splits and O-RAN defined interfaces and components

Private and Public:

Solution that fits both Private and Neutral Host applications

Flexible:

Deploy virtual CU and DU implementations on various Cloud-native and COTS platforms

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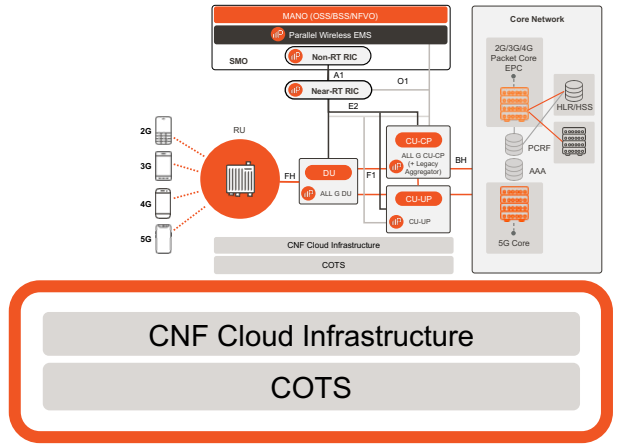

- Generic Open RAN 5G solution architecture that is abstracted from the underlying hardware platform, in particular in the PHY / Layer 1
- A non-IP locked L1 with a common software architecture which enables both x86 and Arm based system
- Parallel Wireless CU/DU + 5G RU n77 from CableFree

Proteus

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BT

arm

University of BRISTOL Smart Internet Lab

CableFree Wireless Excellence

realwireless. independent wireless experts

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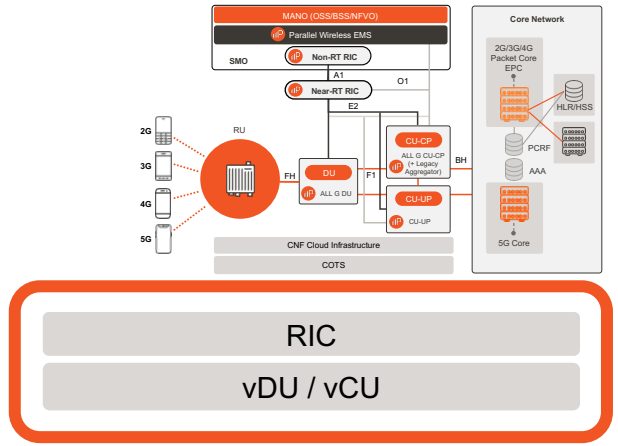
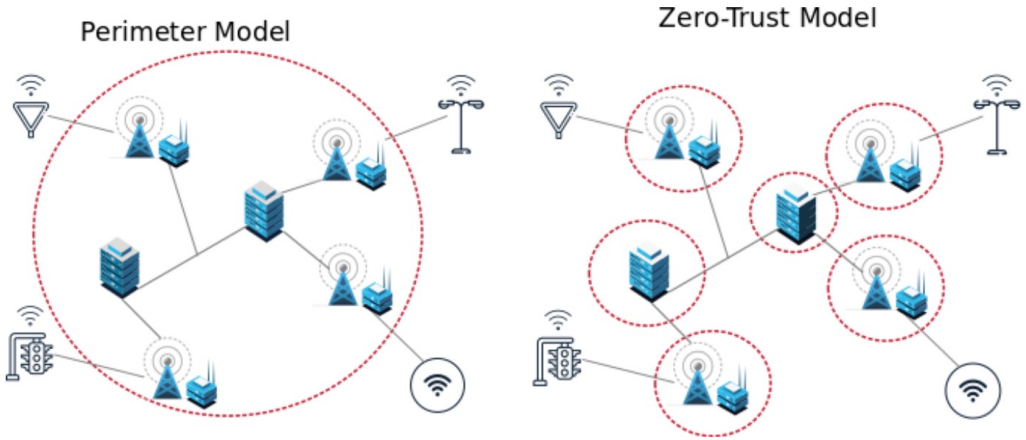
FRANC – O-RANOS



- Deploying end-to-end O-RAN multi-domain (private-public) interoperable network solutions
- Leverage the rApps and xApps development framework supported by the Open RAN architecture
- Neutral Host require interoperability of public and private networks using smart RIC handover xApps
- Zero-Trust Model is required, TSRs do not cover private networks there is no HRV restriction.



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