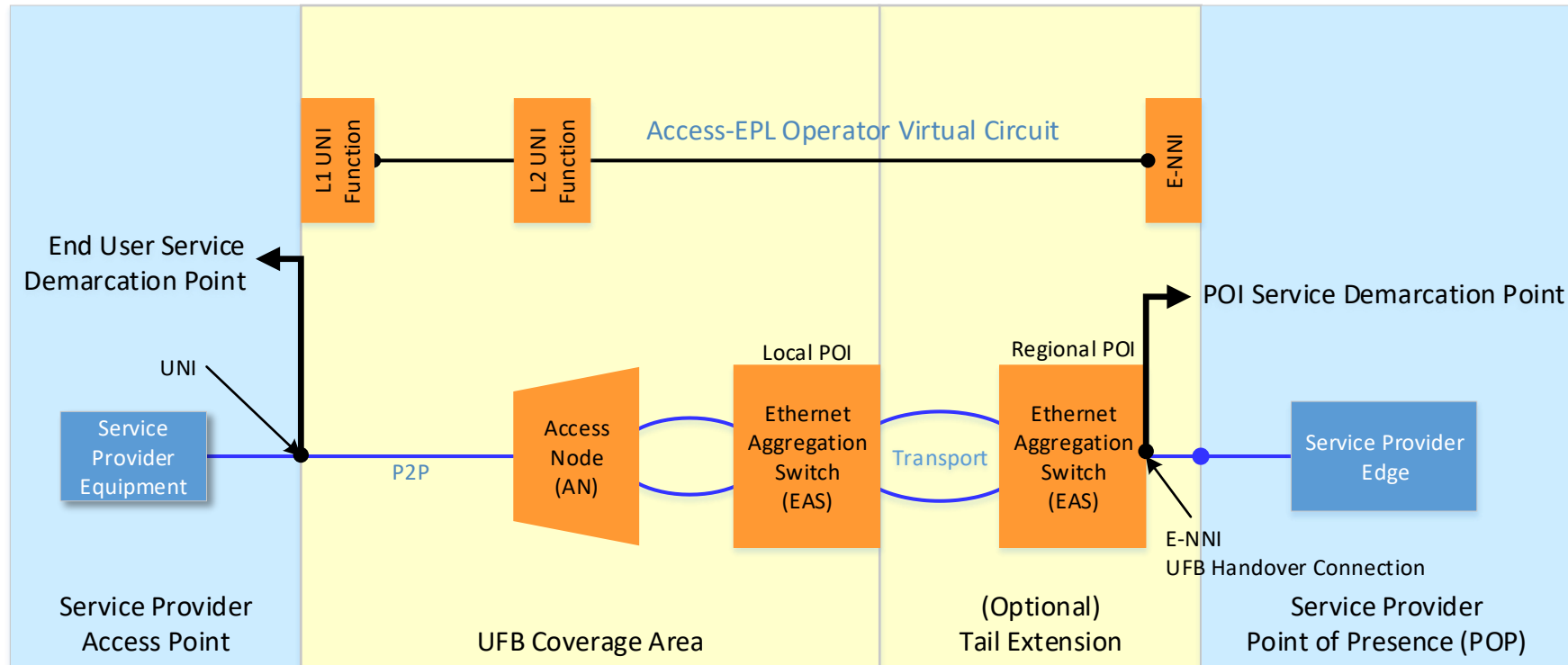


Mobile Access

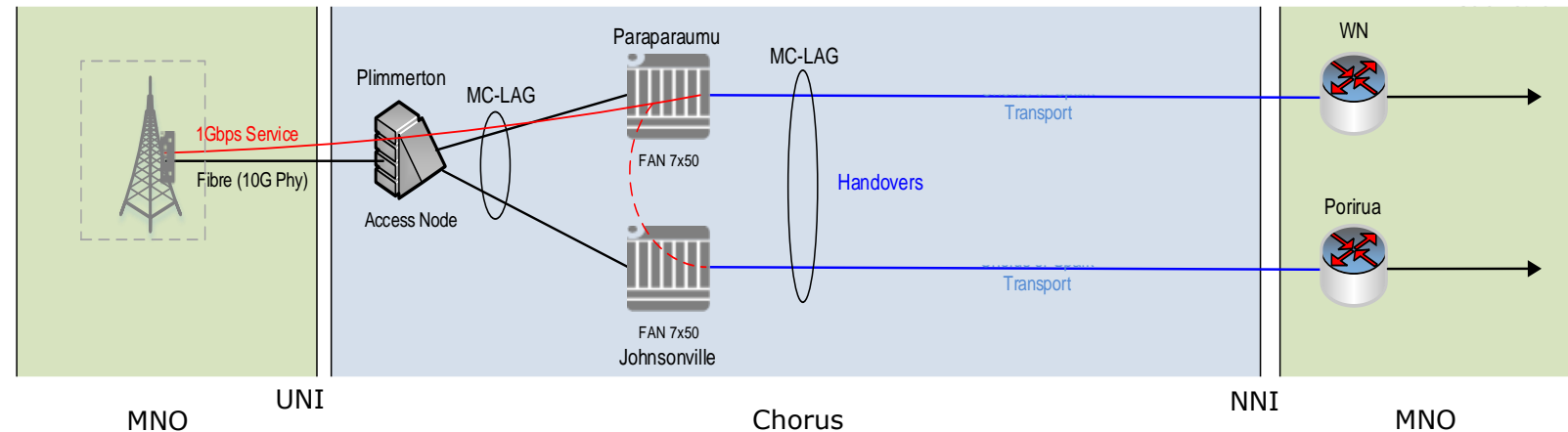
With 5,000 cell sites in NZ, mobile network operators use a range of Chorus products built for either businesses or RSP backhaul, some of which are legacy like HSNS, DFAS, or even eDMR in fibre areas.

We will soon be offering connectivity for mobile sites and other NBAPs to Chorus fibre access and aggregation network throughout New Zealand.



After working with RCG we realised we developed a version of our point to point Bitstream 4 product for cell site connectivity that is built on our core UFB platform (current, lifecycle benefits etc) and also integrates with RSP's existing network (HO's B2B etc).

Mobile Access is built on our UFB network and provides 1Gbps bandwidth.



Technical benefits

- Connectivity via Chorus OLT (optical line terminator)
- 1Gbps (available now) to 10Gbps options
- Guaranteed latency
- Glass only UNI option

Commercial benefits

- "Set and forget" operational approach with low overheads, or an incremental BW approach
- Future proofed roadmap to 10G, 100G and beyond so you will never be stranded on legacy products
- Various commercial options available e.g. IRU

A point-to-point service offering a “glass only” option

Features and SLAs	Mobile Access Service
Bitstream	Access-EPL
High Priority	Yes
Low Priority	No
Service Bandwidths	1 Gbps (up to 10Gbps in future)
OAM CFM	Yes
MTU (at E-NNI)	9100 Bytes
MAC addresses	Unlimited
Number of available UNIs	1 LC/A
L2CP support	Limited
Select handover per service	Yes
Select handover VLAN per service	Yes
OAM Connectivity Fault Management	Yes
Tail Extension	Yes
Better Business Service Wrapper	Yes
MEF Compliant design	Yes
Availability Reporting	Yes
Utilisation Reporting	Yes
Frame SLA UFB	$FD \leq 5 \text{ ms}$, $FDV \leq 1 \text{ ms}$, $FL \leq 0.1\%$
Frame SLA rural	$FD \leq 10 \text{ ms}$, $FDV \leq 8 \text{ ms}$, $FL \leq 0.1\%$