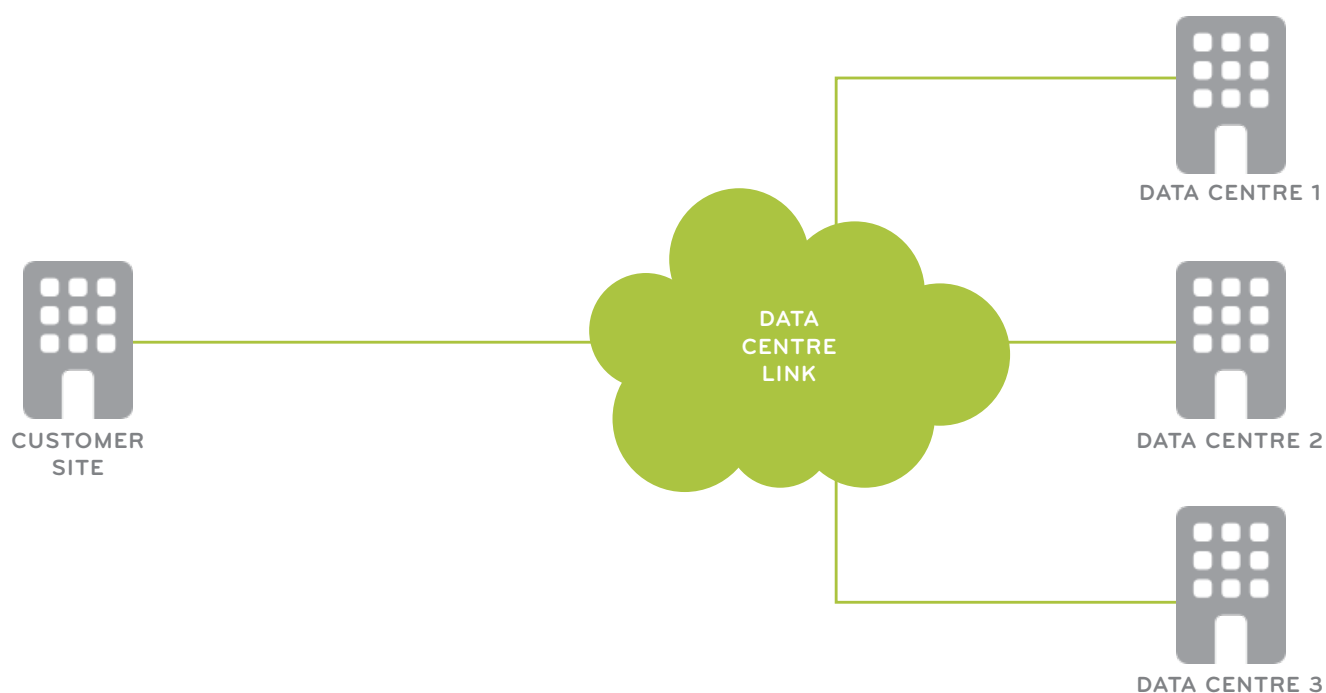


## DATA CENTRE LINK

### SERVICE SPECIFICATIONS



#### DATA CENTRE LINK OVERVIEW (LAYER 2)

- ✓ Point-to-Point Ethernet connectivity to your Data Centre (Private Cloud)
- ✓ We are in over 40+ Data Centres in NZ and 2 in Australia

### Data Centre Link

#### Bandwidth Attributes

Bandwidth Profile Type	Committed Information Rate (CIR)
Bandwidth Profile	50Mbps, 100Mbps, 200Mbps, 300Mbps, 400Mbps, 500Mbps, 1Gbps, >1Gbps Please Enquire

#### EVC Attributes

EVPL between UNI and NNI

EVC Maximum Transmission Unit (MTU) Size  
9000 bytes

CE-VLAN ID Preservation  
Yes

CE-VLAN CoS Preservation  
Yes

Unicast Frame Delivery  
Deliver Unconditionally

Multicast Frame Delivery  
Deliver Unconditionally

Broadcast Frame Delivery  
Deliver Unconditionally

#### UNI Attributes

UNI Speed  
1Gbps, 10Gbps

Physical Medium  
1000BaseT, 1000BaseLX, 1000BaseBX, 10GBaseLR

Service Frame Format  
Any (QinQ)

Bundling  
Yes

#### ENNI Attributes

UNI Speed  
1Gbps, 10Gbps

Physical Medium  
1000BaseT  
1000BaseLX  
1000BaseBX  
10GBaseLR

Service Frame Format  
Double Tagged or Single Tagged (802.1Q)

Service Multiplexing  
Yes

## CLOUD LINK VXC

### SERVICE SPECIFICATIONS



#### CLOUD LINK VXC (LAYER 2) OVERVIEW

- ✓ Point-to-Point Ethernet Virtual Cross Connect (VXC) to your Cloud Provider

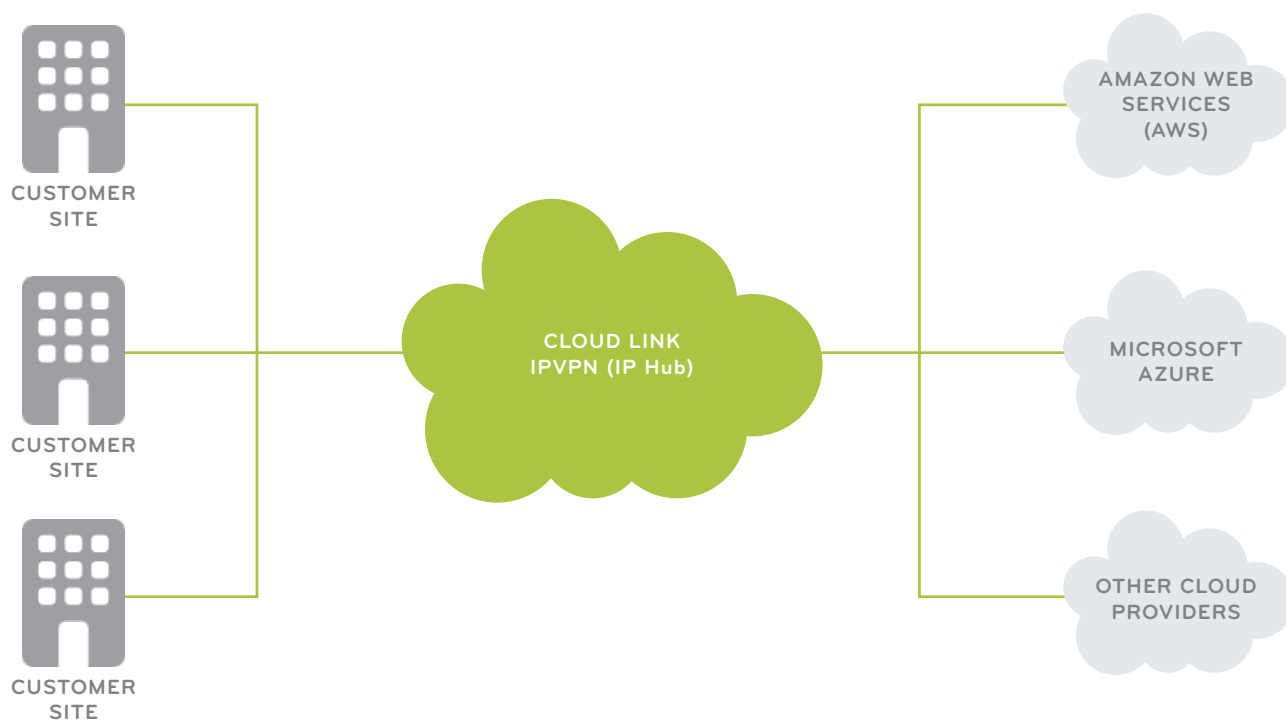
#### Cloud Link VXC

Cloud Providers	Amazon Web Services (AWS)
	Microsoft Azure
	Other Cloud Providers - please enquire
Bandwidth Attributes	
Bandwidth Profile Type	Committed Information Rate (CIR)

Bandwidth Profile	50Mbps, 100Mbps, 200Mbps, 300Mbps, 400Mbps, 500Mbps, >= 1Gbps Please Enquire
<b>EVC Attributes</b>	EVPL between Cloud Provider and Customer UNI or ENNI
EVC Maximum Transmission Unit (MTU) Size	9000 bytes
CE-VLAN ID Preservation	Yes
CE-VLAN CoS Preservation	Yes
Unicast Frame Delivery	Deliver Unconditionally
Multicast Frame Delivery	Deliver Unconditionally
Broadcast Frame Delivery	Deliver Unconditionally
<b>UNI Attributes</b>	
UNI Speed	1Gbps, 10Gbps
Physical Medium	1000BaseT 1000BaseLX 1000BaseBX 10GBaseLR
Service Frame Format	Any (QinQ)
Bundling	Yes
<b>ENNI Attributes</b>	
UNI Speed	1Gbps, 10Gbps
Physical Medium	1000BaseT 1000BaseLX 1000BaseBX 10GBaseLR
Service Frame Format	Double Tagged or Single Tagged (802.1Q)
Service Multiplexing	Yes

## CLOUD LINK IPVPN

### SERVICE SPECIFICATIONS



#### CLOUD LINK IPVPN (LAYER 3)

- ✓ Connect to your Cloud Provider over a Layer 3 IPVPN (IP Hub)
- ✓ Enables any-site-to-Cloud connectivity
- ✓ Cloud-to-Cloud connectivity



### Cloud Link IPVPN

Cloud Providers	Amazon Web Services (AWS)			
	Microsoft Azure			
	Other Cloud Providers - please enquire			
Peering Type	Private or Public			
Cloud Link IPVPN Attributes				
Bandwidth Profile Type	Committed Information Rate (CIR)*			
Bandwidth Profile	50Mbps, 100Mbps, 200Mbps, 300Mbps, 400Mbps, 500Mbps, >= 1Gbps Please Enquire			
IP Address Family	IPv4			
MTU	1500**			
Routing Protocol	BGP			
Route Prefixes	AWS - Private 100	AWS - Public 1000	Microsoft Azure - Private 200	Microsoft - Public 4000
Redundancy	Redundancy Available			

#### Note:

\* Customer site bandwidth will depend on the access type e.g. VectorFibre, HSNS, UFB, xDSL, etc

\*\* Customer site MTU will depend on the access type e.g. e.g. VectorFibre, HSNS, UFB, xDSL, etc

### SERVICE PERFORMANCE TARGETS (ALL VARIANTS)

Parameters	Auckland Data Centre	NZ Data Centre	Sydney Data Centre / Cloud
Availability	99.90%	99.90%	99.90%
Frame delay	< 10 ms	< 15 ms	< 30 ms
Frame jitter	< 8 ms	< 10 ms	< 10 ms
Frame loss	< 0.1 %	< 0.1 %	< 0.1 %