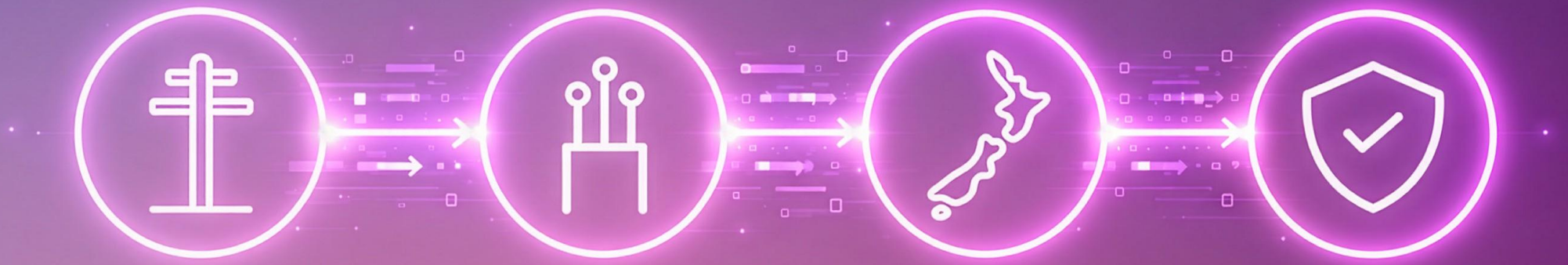
From centralised cloud to regional edge:

How connectivity is redefining NZ data centre strategy



Data Centre Leaders Summit
12 August 2026

New Zealand - Power, Fibre Everywhere and Anywhere, Sovereign and Secure, Resilient



- **Catch up on Chorus**
  The latest statistics, insights and information

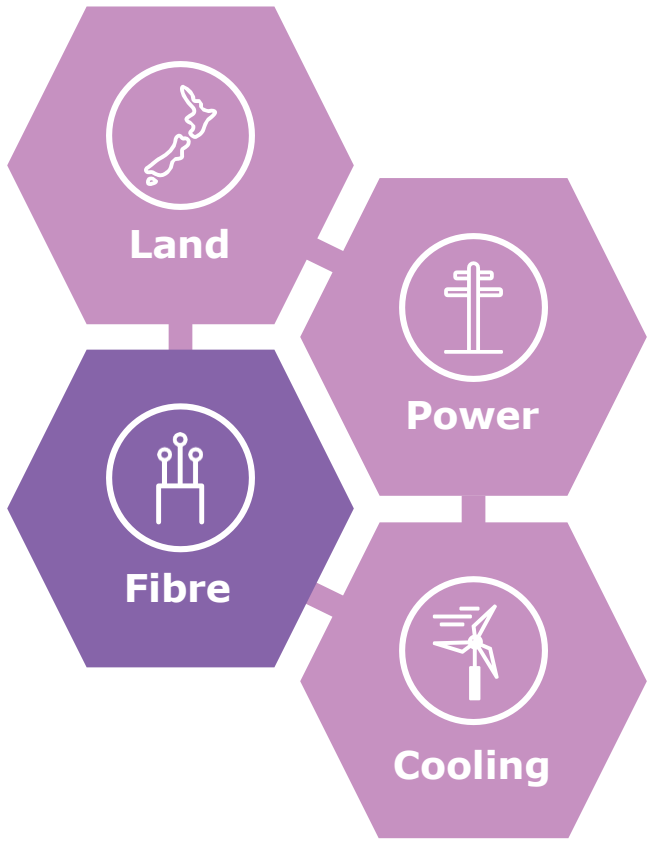
- **Addressing the imbalance**
  Is the future symmetrical?

- **The future is everywhere and anywhere**
  Edge or everywhere?




Catch up on Chorus

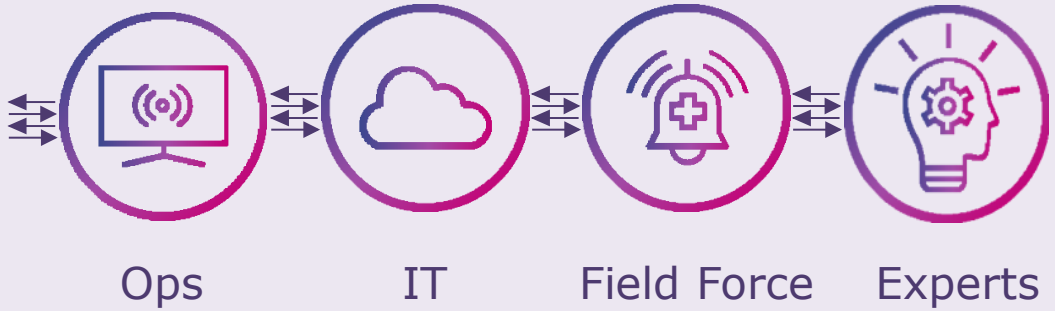
Data centre building blocks



Chorus key assets as a digital infrastructure provider:

- Fibre everywhere. 200,000km+ of fibre
- 600+ resilient buildings nationwide for Chorus, colo & edge
- Power provisioned and resilient
- Cooling at site

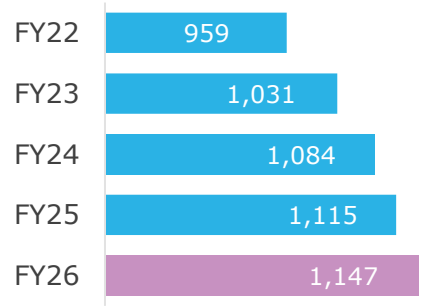
- Presence at almost all NZ Data Centres
- Nationwide DWDM Transport and L2 Ethernet networks
- Customer APIs and automation



Catch up on Chorus

+3% vs FY25

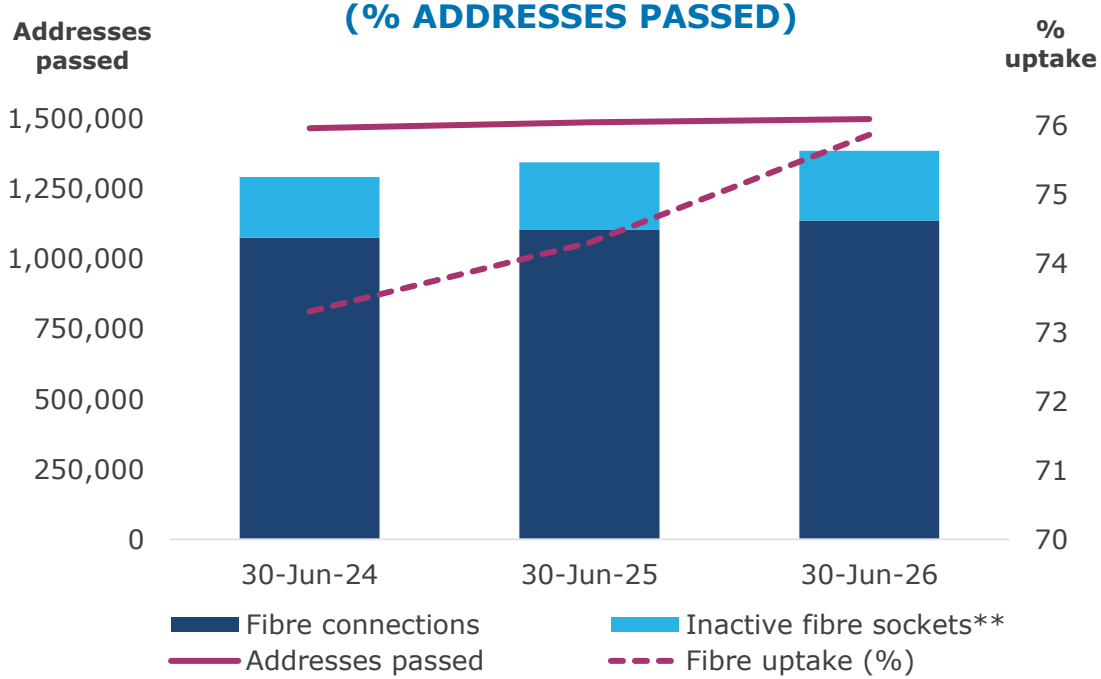
FIBRE CONNECTIONS (k)



ONLY 44k COPPER CONNECTIONS REMAINING

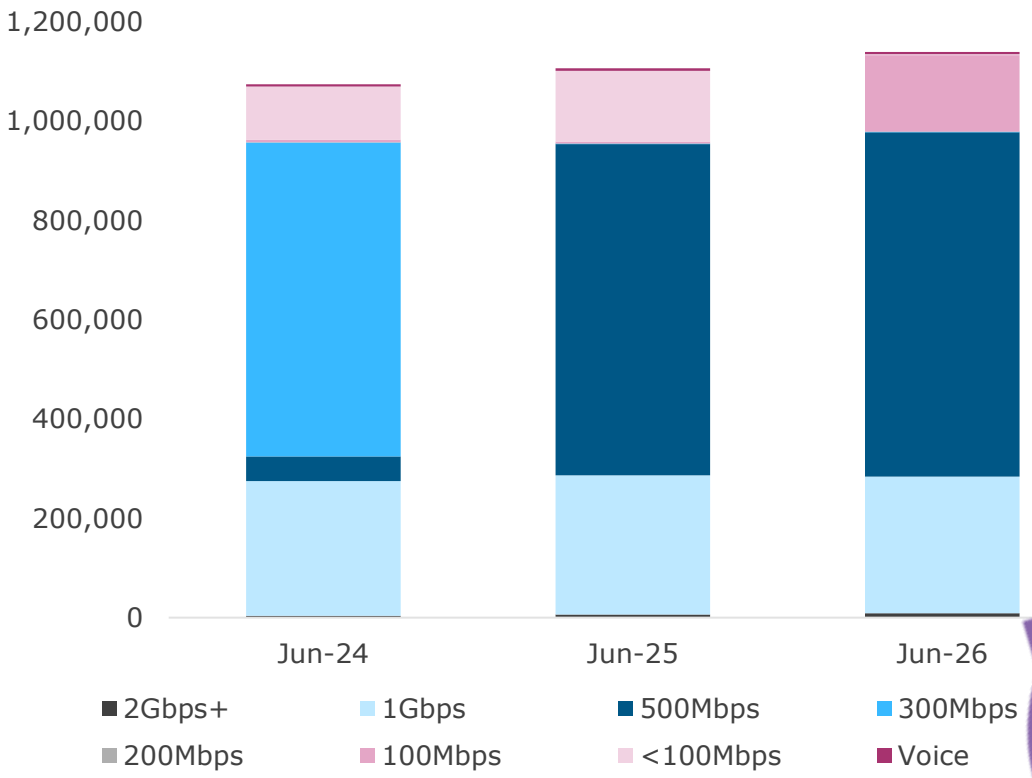
6.7% ELECTRICITY REDUCTION VS FY25

FIBRE UPTAKE IN CHORUS FIBRE AREA (% ADDRESSES PASSED)



Catch up on Chorus

FIBRE CONNECTIONS BY PLAN

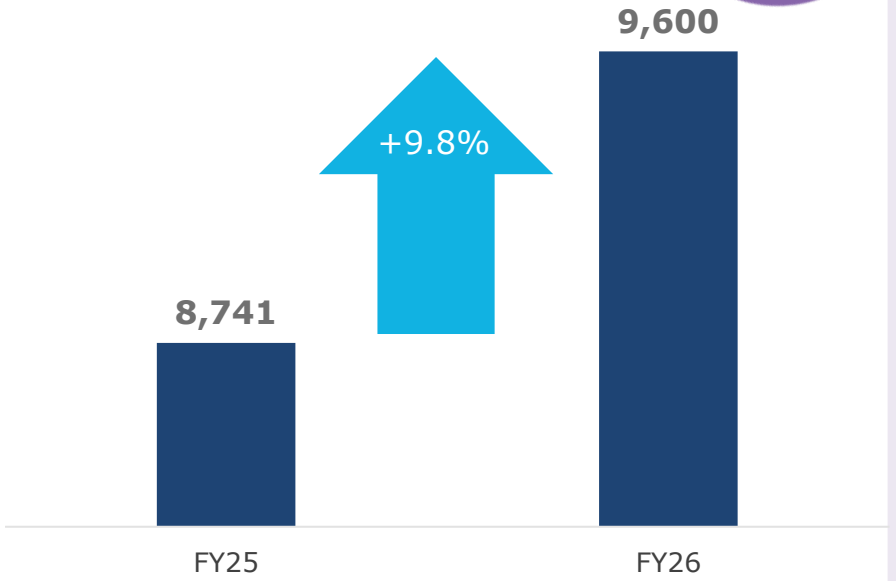


1Gbps and 500Mbps are now the standard speed tiers

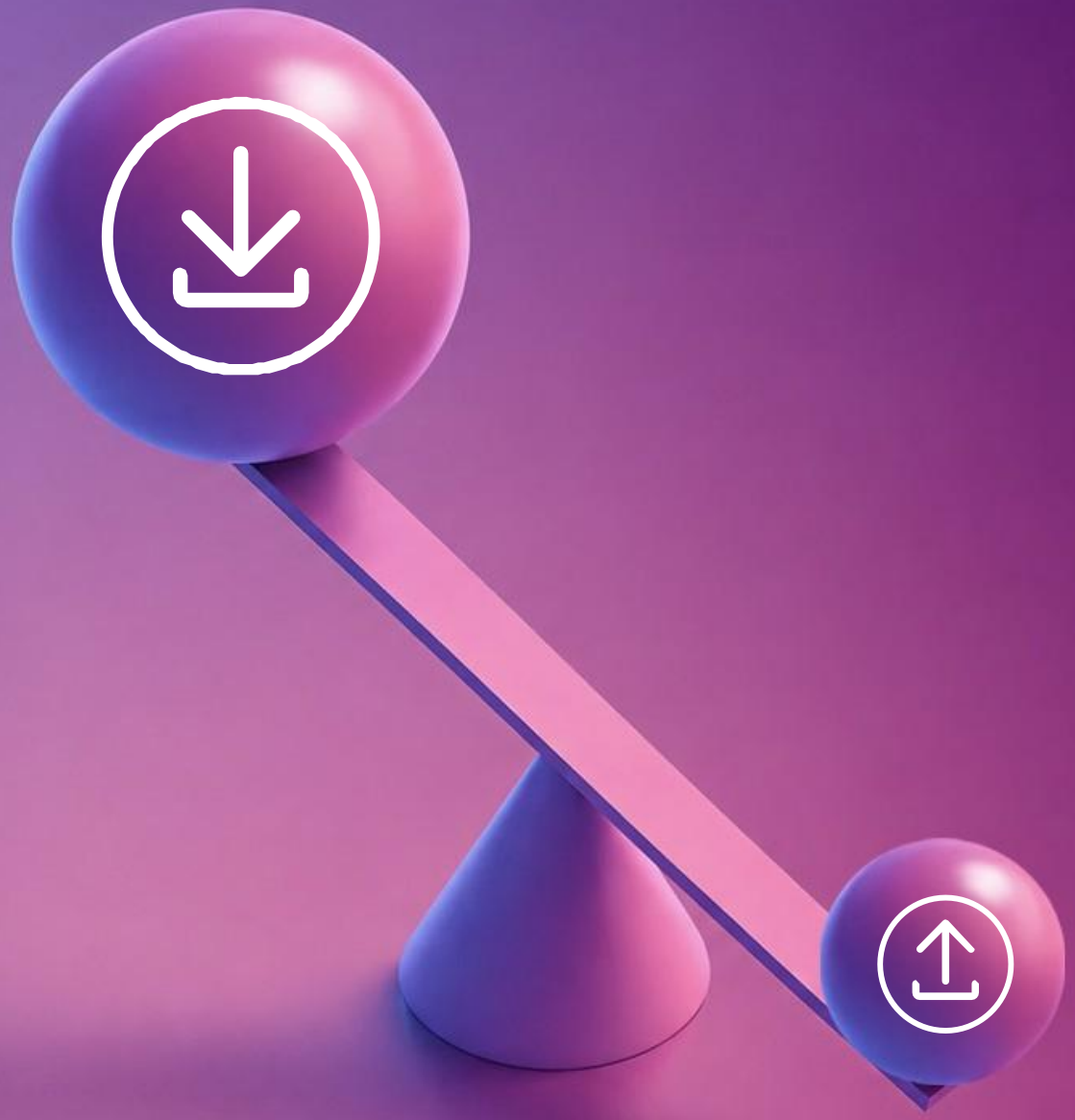
2Gbps+ plans growing and now available everywhere

DATA TRAFFIC (PETABYTES*)

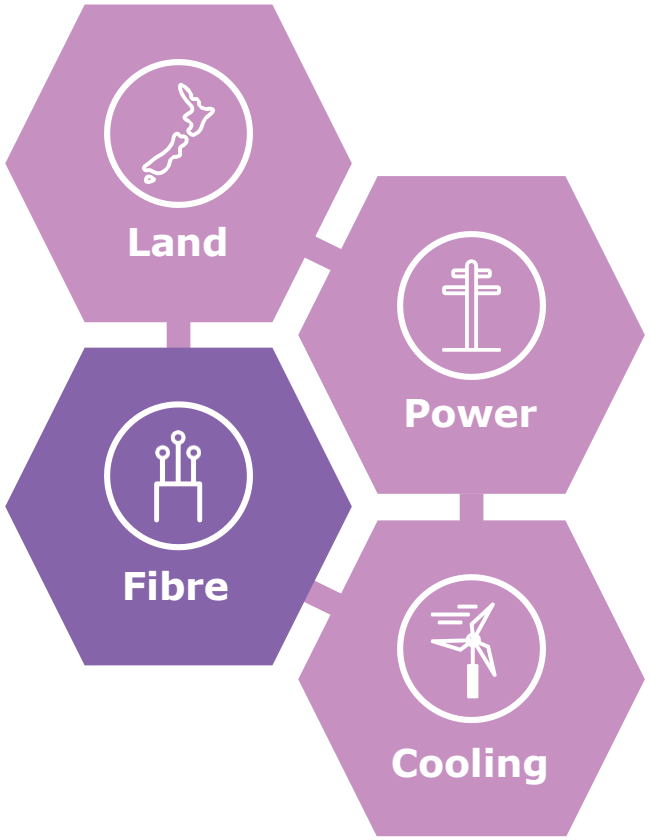
+859 petabytes = 32,000 years of HD streaming



Addressing the imbalance



AI driving traffic growth globally



AI systems depend on **continuous flow of data at volume**

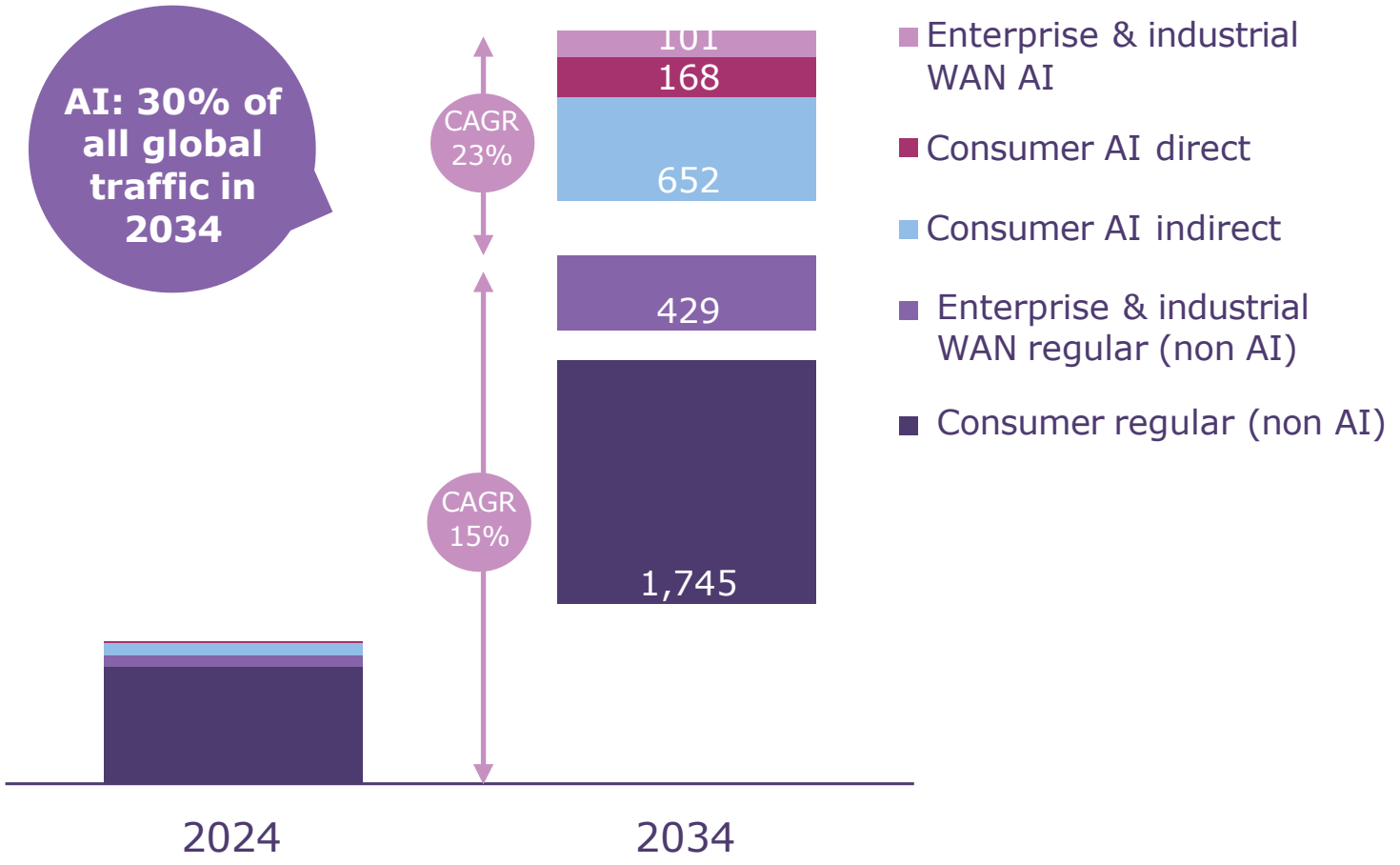
- **Data is:**
  - moving from text-to-video to multimedia, &
  - moving from human consumption model to machine-to-machine
- **This impacts upload**
  - Small constraints in bandwidth or latency slow performance & limit the value of the system
  - Fibre is critical for AI delivery



AI requires reliable infrastructure

Wan AI Traffic Global

(Moderate View,Eb/Month)*



*Source: Nokia

The future is symmetrical …

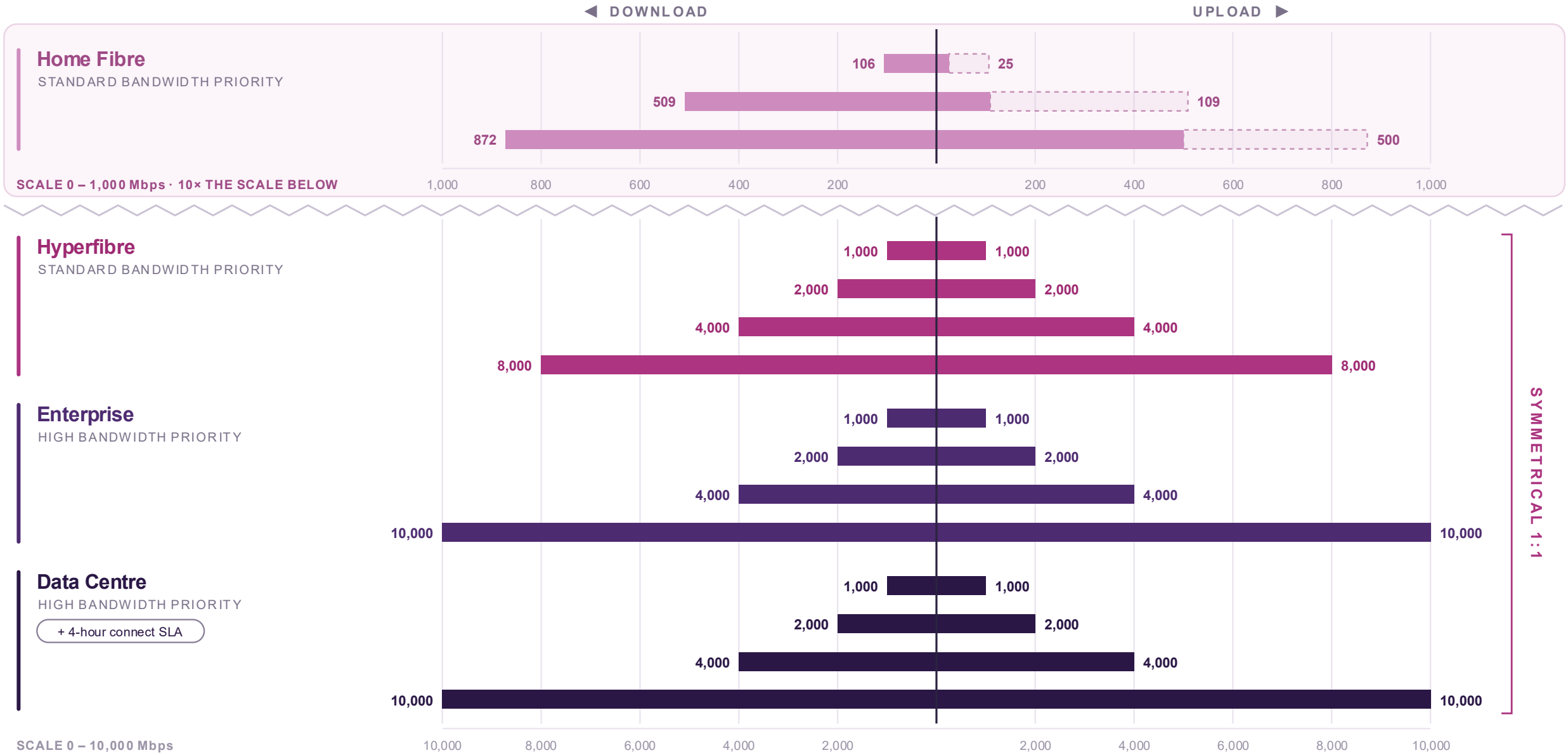
	Real time AI data upload using network:	Upload Speed (Mbps)	Latency (ms)	1GB* Upload Time	Download Speed (Mbps)
Certified	Home Fibre Starter	25	6	5 minutes	106
	Fibre 500	109	8	**73 seconds**	506
	FibreMax	500	5	**16 seconds**	872
	Hyperfibre 2000	2,000	5	**4 seconds**	2,000
	Hyperfibre 4000	4,000	5	**2 seconds**	4,000
	Hyperfibre 8000	8,000	5	**1 second**	8,000

No architectural overhaul of fibre networks required to deliver AI capability

Symmetrical Performance ANYWHERE. Pre-provisioned. Cost effective.

The future is symmetrical

Download / upload, Mbps

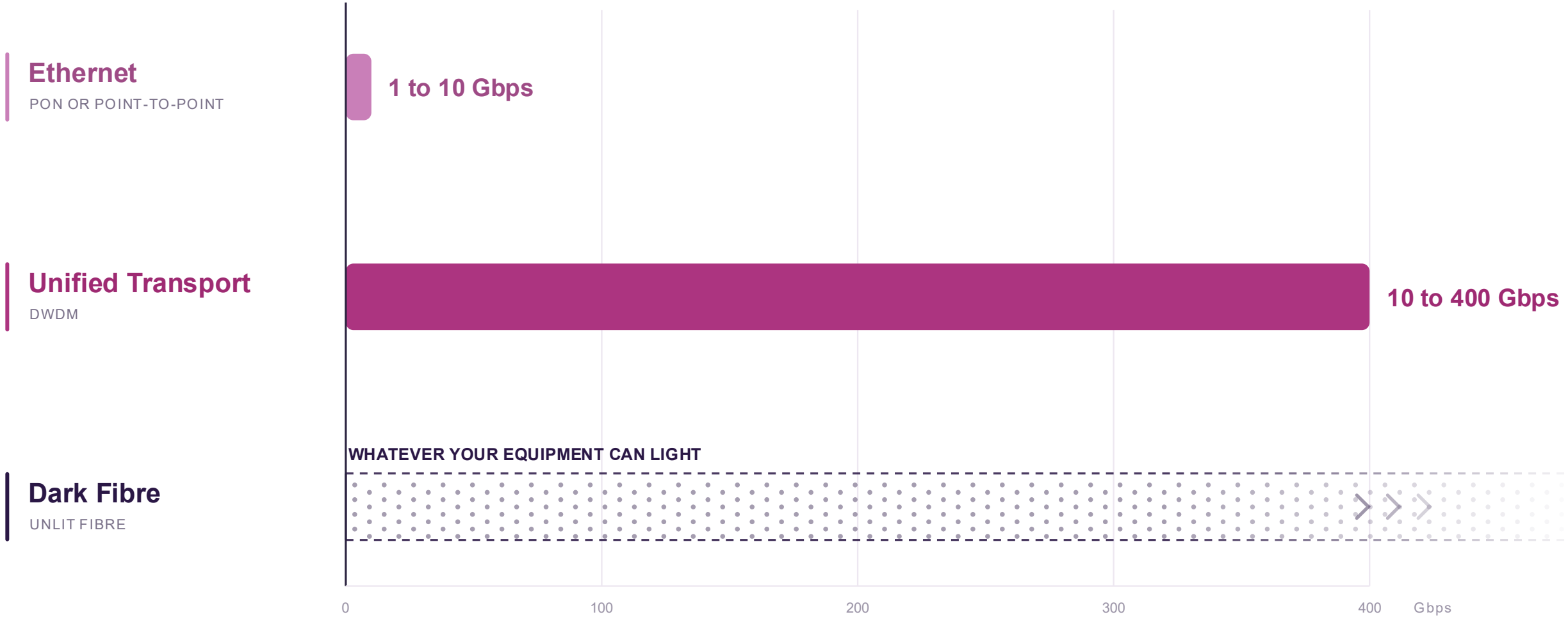


The future is everywhere and anywhere



A product class for every requirement

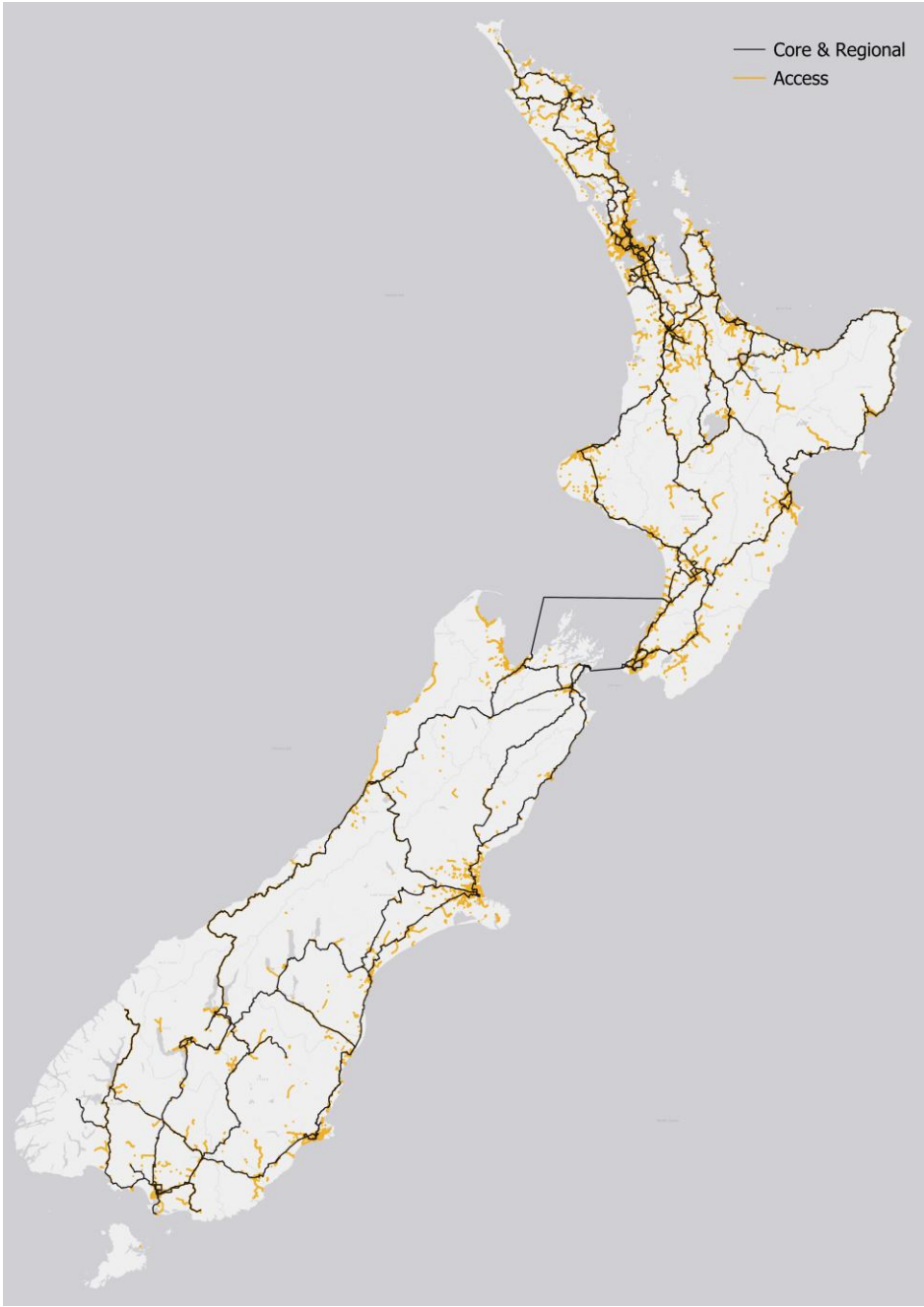
Bandwidth per connection, Gbps

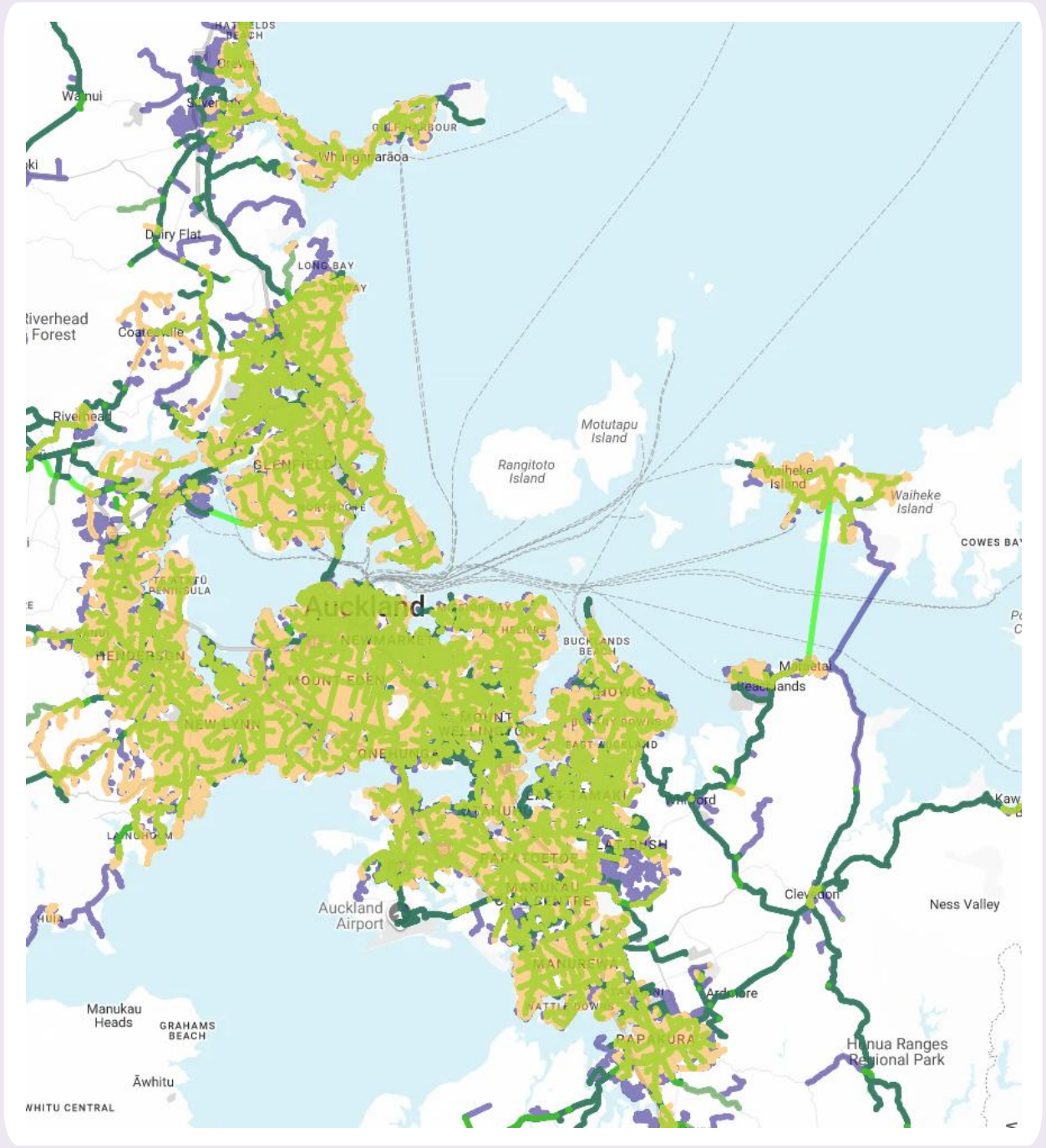


Anywhere to …
…. anywhere.



Anywhere to …
…. anywhere with resilience.

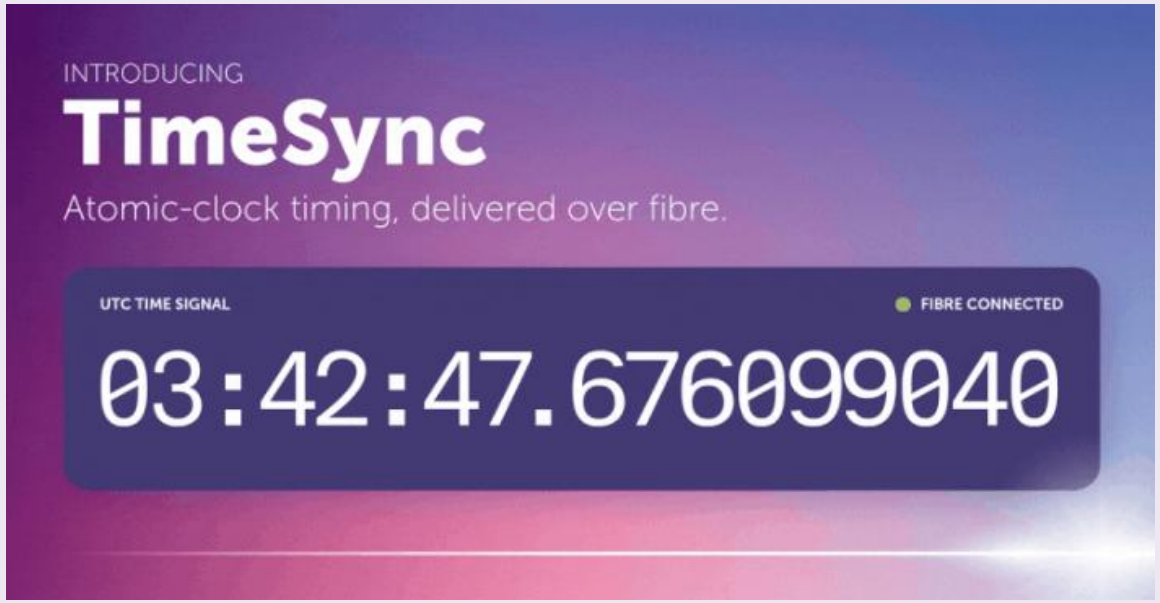




Any data centre to ….
… any street.

Beyond bandwidth: The next infrastructure challenge







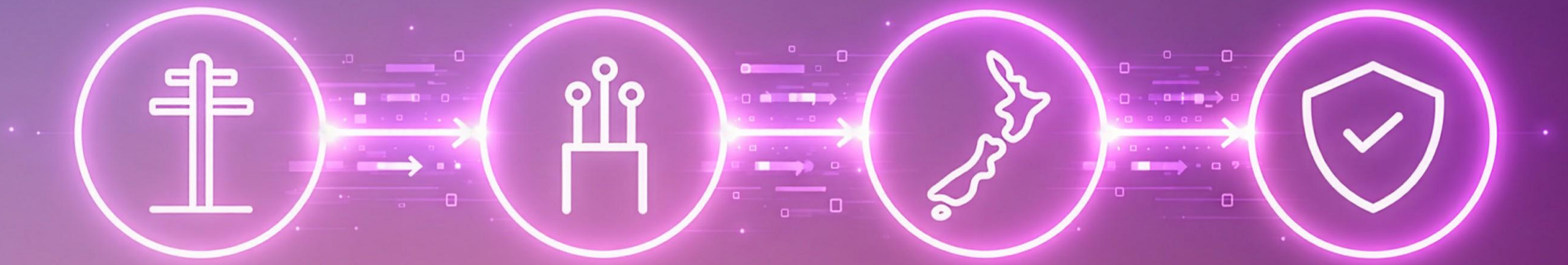
Chorus has been working for several years with the NZ MSL (measurement standards laboratory) to pilot and field trial disseminating the national atomic clock time signal via fibre

"Precise timing is the invisible heartbeat keeping our modern networks synchronised, trusted and running," says Dr Peter McDowall, MSL Director and Chief Metrologist.

"We're pleased to be working with Chorus on new ways of delivering accurate and trustworthy time over fibre networks, strengthening New Zealand's timing capability and resilience."

Having a terrestrial, nationally distributed source of precise timing built and operated right here in New Zealand helps strengthen our national security and resilience, while providing greater diversity and redundancy in our timing infrastructure

New Zealand - Power, Fibre Everywhere and Anywhere, Sovereign and Secure, Resilient



CHORUS

END

The Future is Symmetrical …

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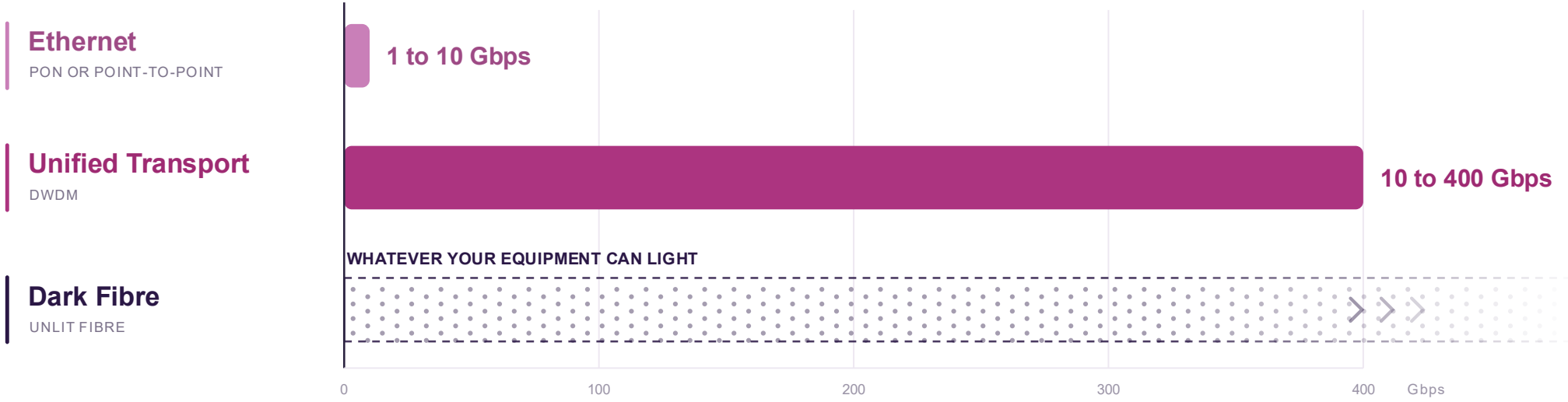
- Enterprise data / Data centre dedicated symmetrical at 10Gbps/10Gbps
- Transport / DWDM at 100Gbps or 400Gbps
- Dark Fibre

The Future is Symmetrical …

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The Future is Symmetrical …

CHORUS

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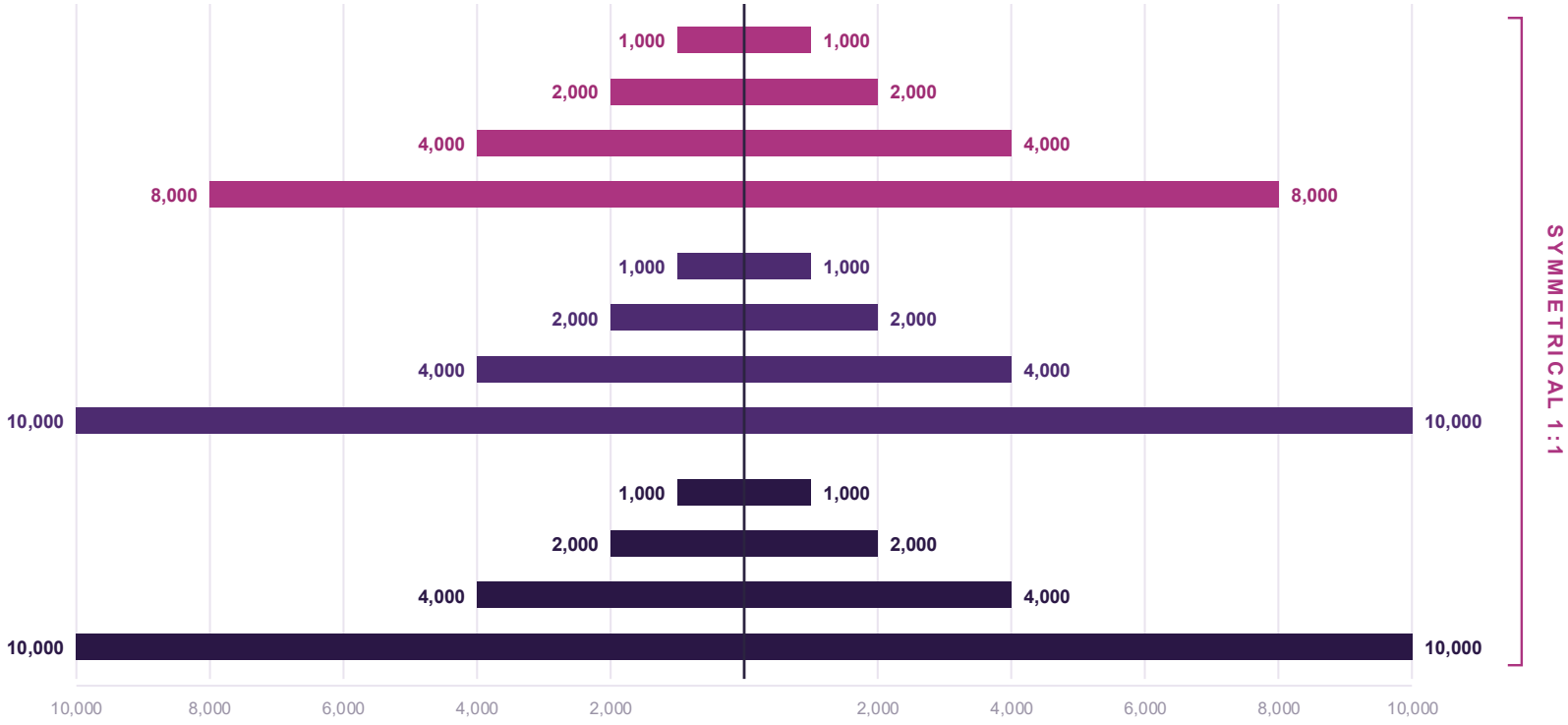
No architectural overhaul of fibre networks required to deliver AI capability

Symmetrical Performance ANYWHERE. Pre-provisioned. Cost Effective.

Hyperfibre
STANDARD BANDWIDTH PRIORITY

Enterprise
HIGH BANDWIDTH PRIORITY

Data Centre
HIGH BANDWIDTH PRIORITY
+ 4-hour connect SLA



SCALE 0 – 10,000 Mbps

Key messages

- **Catch up on Chorus**
  The latest statistics, insights and information

- **Addressing the Imbalance**
  Is the future symmetrical?

- **The future is everywhere and anywhere**
  Edge or everywhere?

Inside DC (Express Connect)

- What is the point of this slide?
  - Fast provisioning
  - Pre fibred network to the rack
  - DC to DC
  - DC to anywhere



Anywhere to Anywhere = Unified

- What is the point of this slide?
  - Emphasise the change at Chorus
  - Change of ethos
  - Easier to do business with
  - Not regulated products/links stitching together network
  - Not it is anywhere to anywhere
  - So, unified transport is here. One end to end link/quote/whatever
  - DC requirements vs network requirements



Key messages

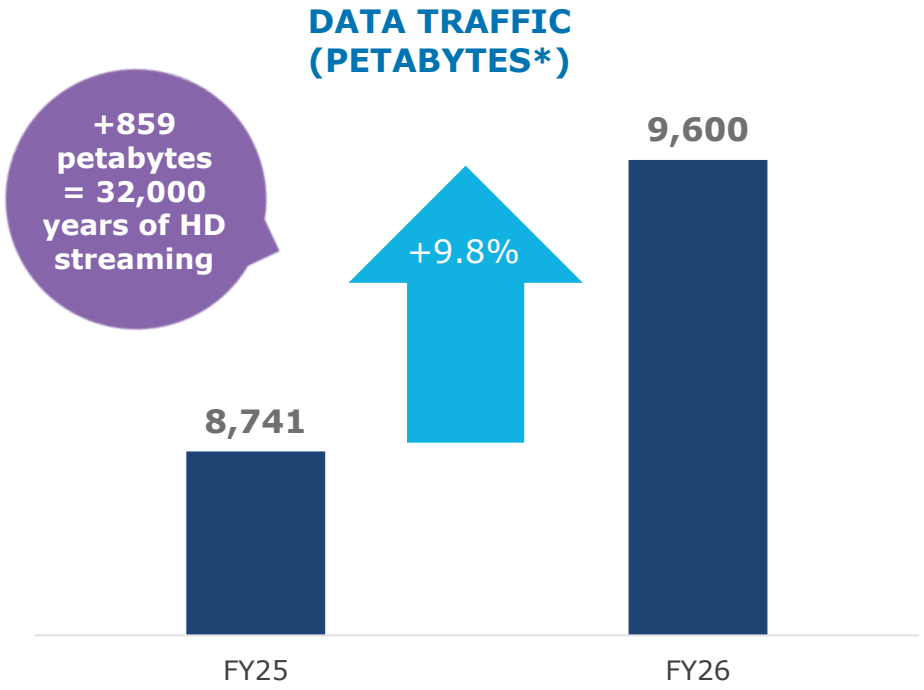
- **Chorus Intro**
  Headline interesting Chorus stats and information
- **Anywhere to anywhere**
  ie unified transport. 400G
- **Dark fibre**
  Available, etc
- **Inside data centre connect**
  Express Connect
- **Nationwide coverage**
  Chorus reach vs. competition. Maps.
- **AI traffic growth**
  Use our stats
- **What DC customers want**
  Our list of technical needs etc

Unified Transport

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Catch up on Chorus



Key messages

- **Catch up on Chorus**
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- **AI traffic growth**
  Use our stats

- **Addressing the Inbalance**
  Available, etc

- **Anywhere to anywhere**
  ie unified transport. 400G

- **Inside data centre connect**
  Express Connect

- **Nationwide coverage**
  Chorus reach vs. competition. Maps.

- **What DC customers want**
  Our list of technical needs etc

Edge Centre



There will be only three



Fibre



Fixed Wireless



Satellite



3G



HFC



Copper

Take Aways ….

- **Fibre ubiquitous to**
  Headline interesting Chorus stats and information
- **Anywhere to anywhere**
  ie unified transport. 400G
- **Dark fibre**
  Available, etc
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  Express Connect
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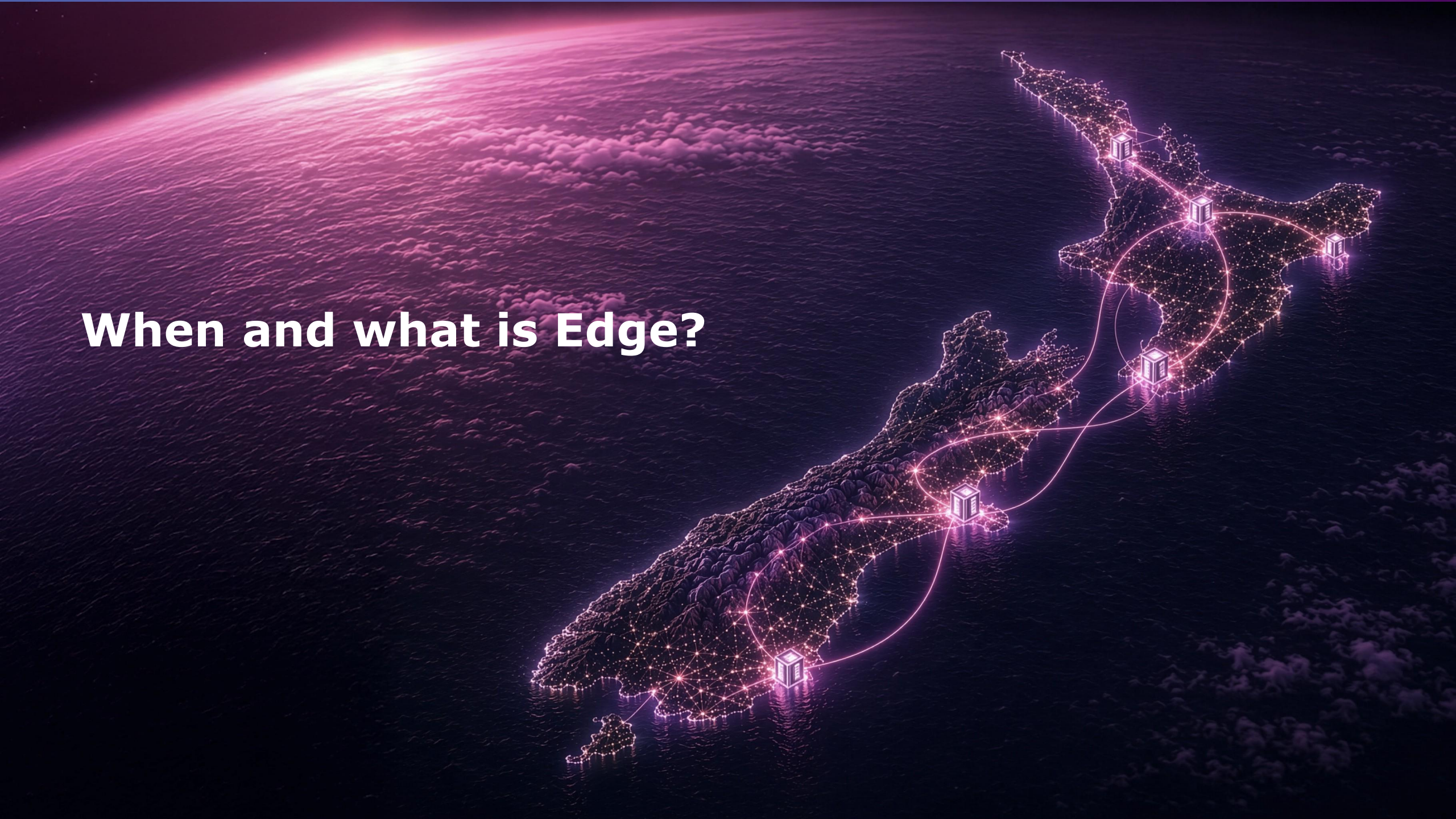
Etc, etc, etc

Edge

Catch up on Chorus -

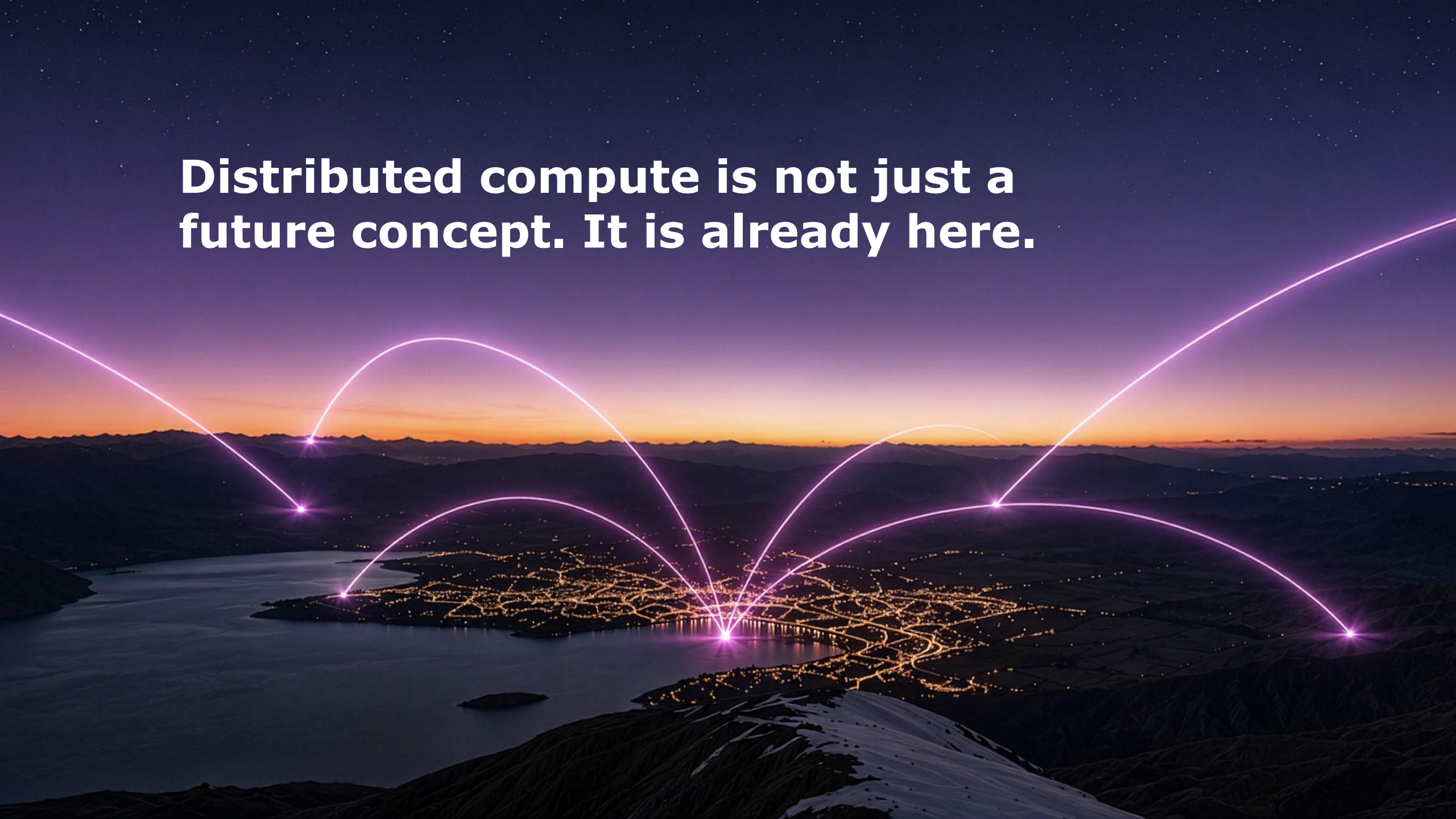
- **600+ Resilient Buildings NZ wide**
  ???
- **Xxxx km of fibre**
  ???
- **???**
  ???
- **Zero touch**
  ???

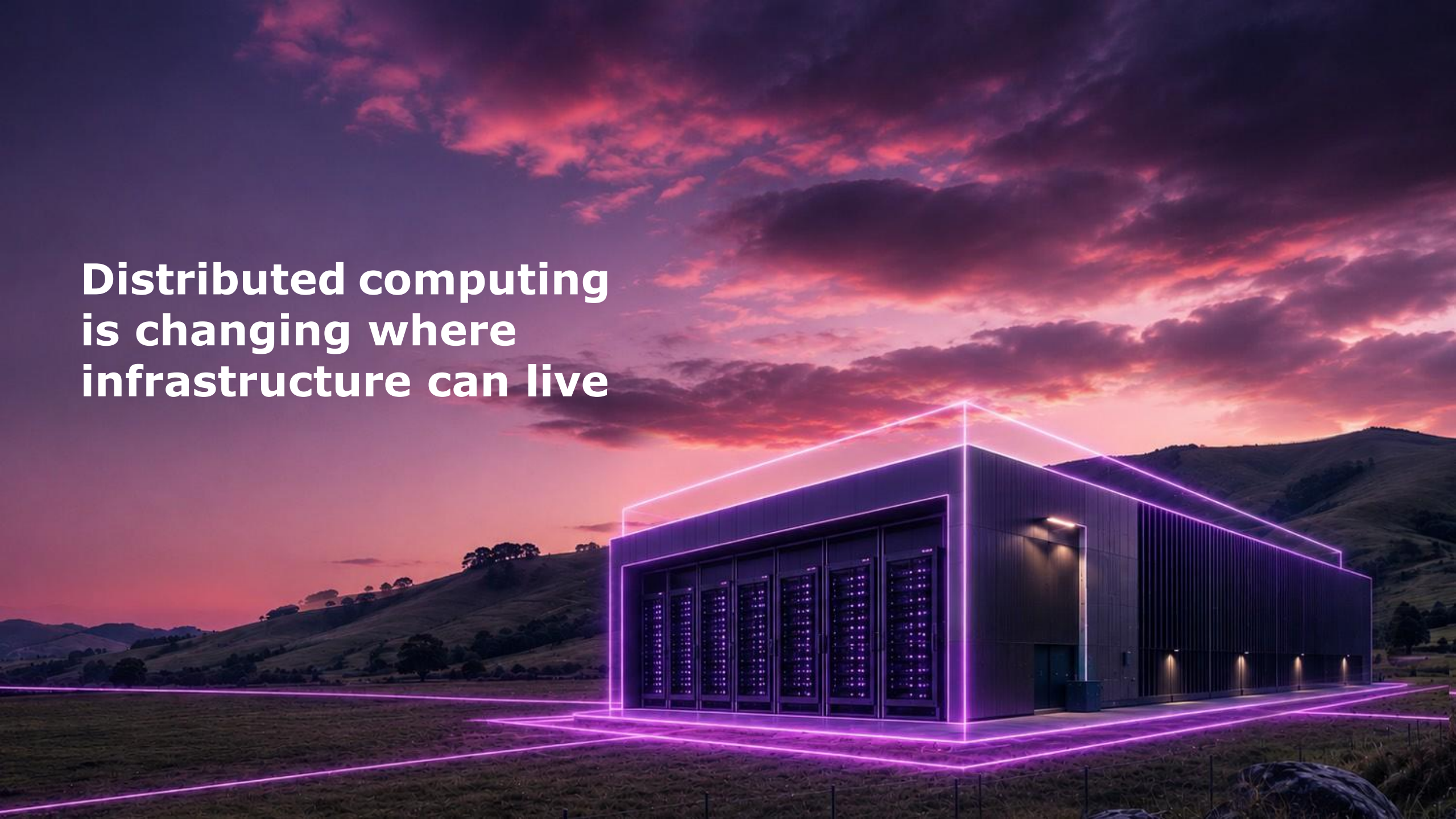
When and what is Edge?



New Zealand’s next data centre boom will be enabled by connectivity




Distributed compute is not just a
future concept. It is already here.


Distributed computing
is changing where
infrastructure can live

The market optimises for power while underestimating fibre



New Zealand is unusually well suited to distributed infrastructure




The winning deployments combine fibre with operational infrastructure

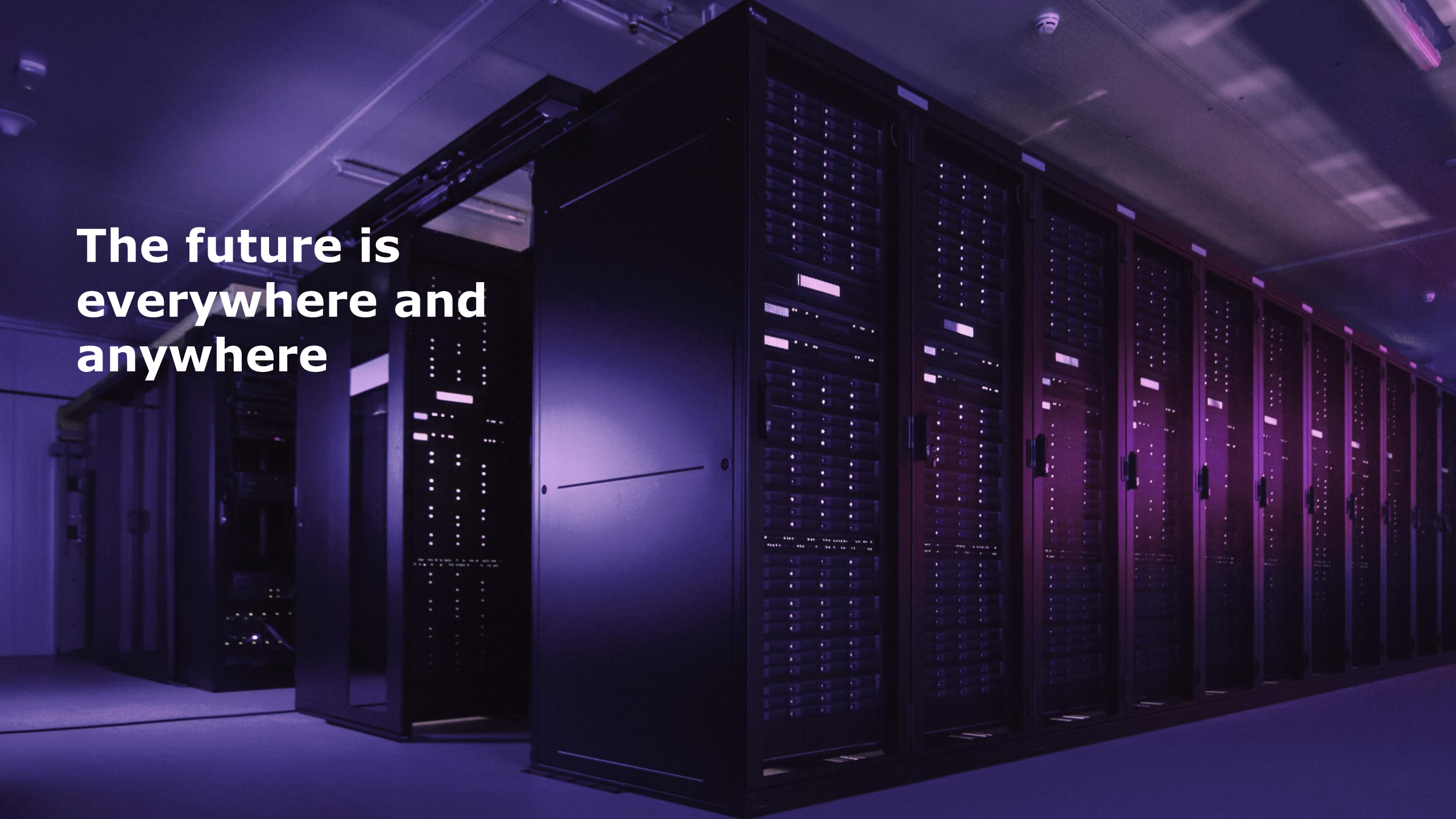

The next generation of NZ data centres will be connected, distributed and regional



Connectivity unlocks the summit’s three biggest priorities

CHORUS


Connectivity unlocks the summit’s three biggest priorities


The future is
everywhere and
anywhere

Headline

- **Bullet Point Headline**
  Supporting copy
- **Bullet Point Headline**
  Supporting copy
- **Bullet Point Headline**
  Supporting copy
- **Bullet Point Headline**
  Supporting copy
- **Bullet Point Headline**
  Supporting copy

Headline

- Stat bullet point
- Stat bullet point
- Stat bullet point
- Stat bullet point
- Stat bullet point

Chart headline