

HIGH AVAILABILITY • DUAL-FIBRE INTERNET WITH AUTOMATIC FAILOVER

Vorco High Availability

The next level in business internet connectivity. A fully managed dual-fibre service that keeps you online by automatically switching between two independent connections, a customised solution tailored to each of your locations and requirements.

<p>FIBRE CIRCUITS</p> <p>2</p>	<p>FAILOVER SPEED</p> <p>< 1 sec</p>	<p>REDUNDANCY</p> <p>Active + Standby</p>	<p>IPV4/IPV6 FAILOVER</p> <p>Automatic</p>
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KEY FEATURES

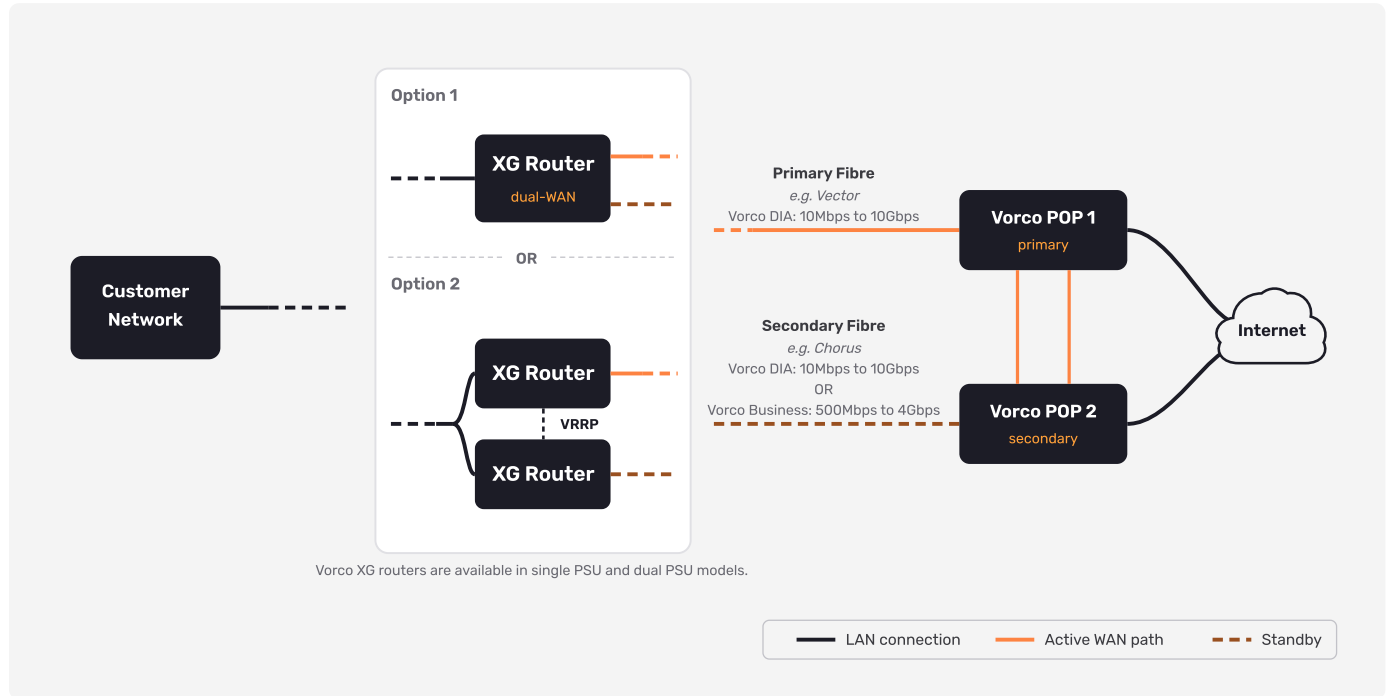
<p>Dual Fibre Circuits</p> <p>Two fibre connections, from different last-mile networks where available, to one site.</p>	<p>Automatic Failover</p> <p>Traffic switches to the healthy circuit the moment the primary path degrades, with no manual intervention.</p>	<p>Static IP Retained</p> <p>Your public IPv4 and IPv6 stay constant across failover, so VPNs and inbound services keep running.</p>
<p>Customised per Site</p> <p>Primary service on DIA with secondary on DIA or Business Fibre circuits, at the speeds and grades each site needs.</p>	<p>Fully Managed</p> <p>Delivered with a preconfigured Vorco XG Router and managed end to end by our Auckland engineering team.</p>	<p>Mitigate Risk</p> <p>During an outage on one circuit, your service continues on the surviving circuit while repairs happen in the background.</p>

IDEAL FOR

- Organisations where an internet outage directly costs revenue, productivity, or safety
- Head offices and branches that must stay reachable for inbound VPN and remote workers
- Businesses replacing unreliable 4G / 5G failover with a true second fibre path
- Any existing DIA or Business Fibre site that needs added resiliency
- Retail, healthcare, logistics, and professional services with uptime obligations

HOW YOUR HA SERVICE CONNECTS

Your site connects through one or two Vorco XG Routers to diverse fibre paths, each reaching an independent Vorco POP before the internet.



TECHNICAL SPECIFICATIONS

Service type	Managed dual-fibre internet access with automatic failover
Primary circuit	Vorco DIA, sized to requirements
Secondary circuit	Vorco DIA or Business Pro, diverse last-mile network where available
Access technology	GPON, XGS-PON, or P2P fibre
Last-mile networks	Chorus, Tuatahi First Fibre, Enable Networks, Vector Fibre, Vital, and Northpower Fibre
Bandwidth	10 Mbps to 10 Gbps per circuit; each circuit sized independently
IPv4 & IPv6	Static IPv4 /31 and static IPv6 /56, retained across failover
Routing	Static, BGP4 with Vorco AS or customer ASN and IP ranges
Failover	Automatic failover in under 1s, delayed fail back to prevent flapping
Monitoring	Continuous connectivity and latency monitoring on both circuits
CPE	Vorco XG Router, configured and managed by Vorco

HOW HIGH AVAILABILITY COMPARES

FEATURE	SINGLE CIRCUIT	HIGH AVAILABILITY
Fibre paths	One	Two, network-diverse options
Survives a fibre cut or ONT fault	No	Yes
Failover	Not applicable	Automatic
Public IP during an outage	Unreachable until restored	Retained throughout
Best suited to	Standard business sites	Uptime-critical sites

SERVICE LEVELS

Fault response	7am to 7pm, 7 days
Target restore time	If a technician needs to visit and repair your fibre, the target is within 6 hours of fault response availability
Failover	Automatic and immediate; the service continues on the surviving circuit throughout any repair
Support	NZ-based engineering team with dedicated account management; 24x7 for circuit down

ORDERING & INSTALL

Design Fully managed; Vorco checks every LFC footprint at your address and designs a diverse circuit pair.

Standard install lead time 10 working days on intact GPON / XGS-PON access; 20 working days where P2P or new access is built.

Install pricing and contract terms Contact us for availability at your location.

Talk to a specialist

Our team will check both last-mile networks at your address and design the most resilient pair we can deliver.

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GLOSSARY

ASN	Autonomous System Number	BGP	Border Gateway Protocol, internet routing protocol
CIR	Committed Information Rate, priority throughput	CPE	Customer Premises Equipment (router / modem)
DDoS	Distributed Denial of Service, a volumetric network attack	DIA	Dedicated Internet Access
Dual-WAN	Two WAN inputs on one router for failover	Failover	Automatic switch to a healthy circuit
GPON	Gigabit Passive Optical Network, shared fibre access	HA	High Availability, dual-circuit resilient connectivity
LFC	Local Fibre Company, a UFB last-mile network operator	ONT	Optical Network Terminal, the fibre modem on site
P2P	Point-to-Point, a direct link between two sites	POP	Point of Presence, a Vorco network exchange
SLA	Service Level Agreement	UPS	Uninterruptible Power Supply
VRRP	Virtual Router Redundancy Protocol	XGS-PON	10 Gigabit Symmetric PON, used for Hyperfibre