

DEDICATED INTERNET ACCESS • BITSTREAM 3 / 4 (BS3 / BS4)

Vorco Dedicated Internet Access

Enterprise-grade internet access for organisations whose operations depend on connectivity. Bandwidth can be delivered best-efforts, dedicated, or blended to suit your requirements, making DIA equally suited to a standalone connection, a leg of a wider WAN, or either or both sides of a High Availability pair.

<p>EIR FROM</p> <p>10 Mbps</p>	<p>EIR TO</p> <p>10 Gbps</p>	<p>CIR FROM</p> <p>2.5 Mbps</p>	<p>CIR TO</p> <p>10 Gbps</p>
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KEY FEATURES

<p>Flexible Bandwidth</p> <p>Best-efforts, dedicated, or blended delivery, with CIR and EIR tailored to your requirements.</p>	<p>Static IPv4 + IPv6</p> <p>Static /31 IPv4 and a static IPv6 /56 prefix included.</p>	<p>Service Level Agreement</p> <p>6 hour restore target between 7am-7pm, 7 days.</p>
<p>BGP & IP Ranges</p> <p>Bring your own ASN and IP ranges, or use Vorco AS with provider IP space.</p>	<p>Diverse Build</p> <p>Path-diverse dual-feed options on serviceable routes for resilient sites.</p>	<p>National Coverage</p> <p>Across Chorus, Tuatahi First Fibre, Enable Networks, Northpower Fibre, Vector Fibre, and Vital footprints.</p>

IDEAL FOR

- Head offices and data-centre presences carrying production traffic
- Financial services, healthcare, and regulated industries with strict uptime obligations
- A leg of a wider Vorco WAN in any topology
- The primary and/or secondary connection in a Vorco High Availability service
- Hybrid-cloud workloads needing stable, low-jitter paths to Azure, AWS, and GCP

SPEED TIERS

Plan range	DIA 10 up to DIA 10G (10 Mbps to 10 Gbps, symmetric)
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TECHNICAL SPECIFICATIONS

Wholesale product	UFB Bitstream 3 (BS3) or Bitstream 4 (BS4)
Access technology	GPON, XGS-PON, or P2P fibre
Bandwidth model	Best-efforts, dedicated, or blended to suit requirements
IPv4	Static /31 included
IPv6	Static /56 prefix included
Hand-off	100, 1000, 2.5G or 10G BASE-T on ONTs 1G SFP or 10G SFP+ on SFP ONTs Glass-only on P2P
VLAN tagging	Untagged, single VLAN, or Q-in-Q on request
MTU	1500 bytes default. On BS3, configurable up to 2000 bytes. On BS4, configurable up to 9000 bytes. Both on request and subject to use-case validation
QoS traffic classes	Multi-class services available with 802.1p
Routing	Static, BGP4 with Vorco AS, or BGP4 with customer ASN and IP ranges
Monitoring	ICMP connectivity and latency monitoring
DDoS protection	Automated DDoS detection included as standard. Real time mitigation scrubbing available.
CPE	BYO or Vorco-supplied and managed router

SERVICE LEVELS

Fault response	7am to 7pm, 7 days
Target restore time	If we determine a technician needs to visit and repair your fibre, the target is within 6 hours during the above hours
Support hours	Business hours for full support, 24x7 for circuit down

ORDERING & INSTALL

Standard install lead time 10 working days on GPON / XGS-PON access; 20 working days on P2P access.

Provisioning Fully managed provisioning; nationwide on-site installation available at additional cost.

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

Talk to a specialist

Our team will check your address against every LFC footprint and quote the best path for your site.

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HOW DIA COMPARES

FEATURE	BUSINESS PRO	DIA
Bandwidth grade	Best-effort	Best-effort, dedicated, or blended
Multiple VLANs	No	Yes
Typical price point	\$	\$\$-\$\$\$
Best for	Small to medium businesses	Mid-market to Mission-critical

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	EIR Excess Information Rate, burstable throughput above CIR
GPON Gigabit Passive Optical Network, shared fibre access	ONT Optical Network Terminal, the fibre modem on site
P2P Point-to-Point, a direct link between two sites	QoS Quality of Service, class-based prioritisation
SLA Service Level Agreement	UFB Ultra-Fast Broadband, the NZ national fibre programme
VLAN Virtual LAN, layer-2 traffic segmentation	XGS-PON 10 Gigabit Symmetric PON, used for Hyperfibre