



IP Transit

Your Network, Accelerated

Our Solution

Global Secure Layer is a global network operator with an international Anycast infrastructure providing IP Transit. Our solution is a blend of tier one providers, global content networks and major peering exchanges. We focus on establishing direct interconnects and bilateral peering with numerous providers allowing us to achieve route optimised connectivity and a high level of diversity.

We serve a large range of industries including all levels of government, enterprises and ISPs with worldwide carrier-grade internet that is secured end-to-end with industry leading DDoS protection. We've built our infrastructure with a redundant fibre backbone to meet the needs of our 24/7 connected world.

Our global network solution has been built on a world-class fibre network with a focus on low latency, resilience and scalability ensuring our customers stay globally connected.

IP Transit key features

Arista core network

Global Secure Layer operates a full featured Arista core network to ensure low latency and enterprise-grade routing.

Low latency focus

Every aspect of our network from our Arista core to our peering partners and subsea cables are optimised to provide low latency globally.

Dual stack IPv4 & IPv6

We have a dual stack network providing both IPv4 and the IPv6 transit across our network.

3000 plus network peers

Global Secure Layer (AS137409), proactively peers with tier one and international network operators to ensure optimal routes for our customers.

Jumbo Frame (9000MTU)

Our network supports Jumbo frames end-to-end.

Flexible billing options

We provide flat-rate or burstable (95th percentile) pricing allowing for customer flexibility.



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Technical Information

Service Details	Parametres
Data	Unlimited
Access Types	<ul style="list-style-type: none"> • Direct cross connects in any shared facility. • Fabric Services <ul style="list-style-type: none"> ○ Megaport VXC ○ Equinix EIE ○ IXAU VLL ○ Packet Fabric VC
Commit Level	100Mbps - 100Gbps
Service Hand-Off	10G, 25G**, 40G***, 100G***
IP Address	<ul style="list-style-type: none"> • 1 x /31 IPv4 per service • 1 x /127 IPv6 per service
BGP Peering	Global Secure Layer provides a BGP session by default
BGP Tables Types	Global - full Domestic - full Regional <ul style="list-style-type: none"> • APAC • America • Europe • Oceania
BGP Announcements Options	Detailed communication for both announcements and informational actions are available. The announcement options cover port, city, state, country and region.

Service Details	Parameters
DDoS Protection	Supplied by default (includes sustained mitigation up to 100G) Additional levels of mitigation possible upon request
Billing Options	GSL provides aggregated billing by region <ul style="list-style-type: none"> • Oceania • Asia • North America • Europe • International only (AU specific)
Burst Options	Available and configured as 10:1^^ with 95th percentile billing
Diversity***	Available <ul style="list-style-type: none"> • Multiple cross connects • Additional ports can be provided for a single NRC per port
Technical Support	Available 24/7 via the GSL portal
SLA (Standard)	99.95% (where service is delivered over direct cross connect)
** Available in certain locations *** Additional cost involved ^ In some cases this may be required if it is negatively impacting upstream/downstream providers ^^ Additional burst ratios are available upon request (fees may apply)	



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CONTACT INFORMATION

For more information about Global Secure Layer and our services, please contact:

Sean Aikins
Sales Director

Email: sean@globalsecurelayer.com

Phone: +61 459 469 489