Ethernet Overview

Your Network, Secured

Our solution

At Global Secure Layer, we provide secure, dedicated point-to-point or multipoint links of up to 10Gbit. GSL provides carrier-grade redundancy with private, reliable and low-latency paths. With data centres in major local and international locations, we ensure your business is globally connected.

Ethernet key features

Point-to-point and multipoint
Providing you with a secure connection to one or more data centres - locally, nationally and globally.

Low latency routes
Global Secure Layer provides carrier-grade low-latency private ethernet services, connecting your network together via the shortest viable paths.

Carrier-diverse options available
GSL acquires terrestrial and subsea cable capacity from multiple fibre carriers allowing us to provide hardware & carrier-diverse cable paths on key routes.

Flexible and scalable carrier-grade network
With international coverage, our carrier-grade network will accommodate all business needs providing 100Mbit-10Gbit.

Secured end-to-end
Our dedicated, secure and privately managed connection uses data centres in major local and international locations.

Our Backbone Network

Latency Matrix - (Optimal Path)
Global

	Oceania								North America		EMEA		
A/Z Side	**Brisbane**	**Sydney**	**Melbourne**	**Adelaide**	**Perth**	**Auckland**	**Singapore**	**Tokyo**	**Los Angeles**	**New York**	**Frankfurt**	**Amsterdam**	**London**
Brisbane		11.9ms	21.7ms	30.9ms	58.3ms	36.9ms	103ms	109.9ms	144.9ms	205ms			
Sydney	11.9ms		9.8ms	19ms	46.4ms	25ms	91ms	98ms	133ms	193ms			
Melbourne	21.7ms	9.8ms		9.2ms	36.6ms	34.8ms	85ms	107.8ms	142.8ms	203ms			
Adelaide	30.9ms	19ms	9.2ms		27.4ms	44ms	73ms	117ms	152ms	213ms			
Perth	58.3ms	46.4ms	36.6ms	27.4ms		71.4ms	45ms	114ms	179.4	240ms			
Auckland	36.9ms	25ms	34.8ms	44ms	71.4ms		117ms	124ms	159ms	219ms			
Singapore	103ms	91ms	85ms	73ms	45ms	117ms		67ms	165ms	226ms			
Tokyo	109.9ms	98ms	107.8ms	117ms	114ms	124ms	67ms		97ms	158ms			
Los Angeles	144.9ms	133ms	142.8ms	152ms	179.4ms	159ms	165ms	97ms		61ms			
New York	205ms	193ms	203ms	213ms	240ms	219ms	226ms	158ms	61ms				
Frankfurt													
Amsterdam													
London													