

# MPLS Backbone Services

Datasheet



[www.gbiinc.com](http://www.gbiinc.com)

## Who We Are

GBI is a global cloud, connectivity and content enabler that owns and operates a smart, fully managed service network. Our multilayer terrestrial and subsea cable meshed network bridges the East to the West through the Middle East, empowers businesses, connects societies and contributes to the region's transformation towards knowledge-based economies.

## Extend your network with GBI MPLS Backbone Services

Latency*	
Latency Gulf to Europe	90ms- 140ms**
Latency Gulf to India (Mumbai)	30ms - 40ms
Latency Gulf to Asia	80ms – 90ms
Latency Europe to India	140ms
Latency Europe to Asia	180ms

\* Round-trip delay measured between GBI's MPLS POPs

\*\* Premium service offers the lowest latency figure through the unique, GBI North-route



### Premium, Carrier-Grade Connectivity

End-to-end Ethernet via top tier international MPLS network (wholly owned submarine and terrestrial assets).



### Choice of Routes and Latency

Connecting Europe to the Middle East, India and Singapore through terrestrial and sea routes with options of low and standard latency.



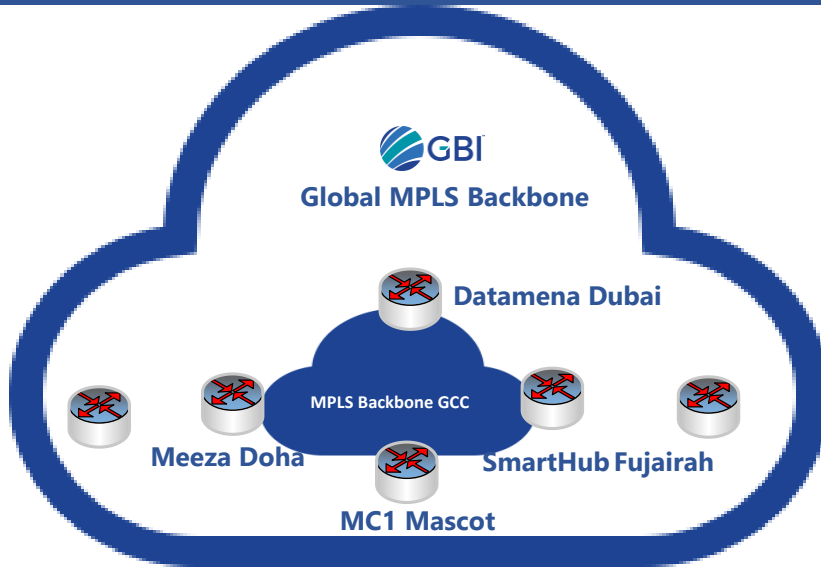
### Fully Protected

Our fully protected MPLS connectivity comes with a 99.99% SLA



### Classes of service

Allows you to meet your network objectives for mission critical applications as well as standard best effort services.



- Protected MPLS across major GCC data centres i.e. Meeza Doha, MC1 Mascot, Datamena Dubai and SmartHub Fujairah
- Protected MPLS between GCC and Singapore
- Protected MPLS between GCC and European POPs with the option of the low latency North- route as a Premium service

## Solution Features and Benefits

	Features	Benefits
Coverage	Across GBI MPLS POPs in Doha, Dubai Datamena, Fujairah SmartHub, Mascot MC1, Frankfurt, London, Amsterdam, and Singapore	Local strength backed by a global network Offer your customers premium international connectivity without the need to invest in your own global infrastructure
Resilience	Unique protected North-route via Iraq into Eastern Europe Protected routes via multiple cable systems crossing Egypt	Your service will be backed by Service Level Agreements (SLAs) that comprise service delivery and availability. Inherent diversity of the network minimises your operational and capital outlay.
Service	24/7 Global NOC End-to-end service management	Receive relevant, timely information Access to round-the-clock control and management of your service.
Speed	Options of low and standard latency. Optimised routing across GBI owned and operated international network infrastructure	Receive lower latency for your time sensitive applications Higher quality of service and reduced customer complaints
Network Flexibility	Service provided as point-to-point, point-to-multipoint and any-to-any meshed topology	Depending on your traffic profile you can optimise your pricing to reduce cost
Transparency	Global Ethernet as an extended LAN service	Ethernet MPLS gives you the same transparency that you would expect from a layer 2 Ethernet circuit.

## GBI MPLS Backbone Service Options

GBI Provides	Standard	Premium
Terrestrial North-route used as an alternate for conventional Egypt crossing for a better latency	No	✓
Guaranteed committed rate through MPLS traffic engineering	✓	✓
Fully protected and robust connectivity leveraging on multiple cable systems	✓	✓

## Technical Specifications

MTU Size	GBI Edge network supports jumbo frames or MTU size of 9000 bytes (On-Net).
Access Interface at GBI POP	1G and 10G Optical interface
Bandwidth	Customized Bandwidth from 10MB to 10GB
MPLS Backbone (L2) features	Port-based, QinQ, 802.1Q, L2 transparent protocols i.e. CDP, LLDP, STP, etc.



**Gulf Bridge International**  
 Qatar Science & Technology Park  
 Tech 1, Level 2, Al Gharaffa Street,  
 Al Rayyan  
 P.O. Box 210153  
 Doha – Qatar

+974 4009 4444  
 +974 4009 4443

sales@gbinc.com

**Gulf Bridge International “GBI”**  
 DIC, Bldg.01, EO18  
 P.O. Box 500577  
 Dubai – UAE

+971 561798521

sales@gbinc.com