

CHINA TELECOM OTN

The One and Only Optical Connection across Continents

Extensive coverage

The only optical network with global coverage.

Accelerated speed

Able to offer high speed data transmission up to 100 Gbps.

Enhanced reliability

Fully protected route with more than 99.9% availability and fast auto-recovery.

Transparent transmission

Support expense and clock transparent transmission.

Global Wavelength Service China Telecom Global

Expeditious Global Transmission

Through its Optical Transmission Network (OTN), CTG is offering Global Wavelength Services (GWL) to worldwide customers with fully transparent circuit transmission. GWL can provide top quality large bandwidth data transmission products up to 100G through OTN, which is the first and only optical network connecting China and major countries in the world.

CTG has realized a worldwide high-speed connection with an international bandwidth of more than 7000G with its enormous international land and submarine cable system and 15 major routes across the Pacific, Europe and Asia. Through the construction of big passage, big nodes and differentiated routing, CTG has practically become the connection hub of the Asia-pacific area.

Global coverage:

CTG's GWL is directly open to Beijing, Shanghai, Guangzhou, Chongming, Shantou, Hong Kong, Singapore, Los Angeles, San Jose, London, Frankfurt, Stockholm, etc. For more, please contact our account managers.



Customer Benefits:



High speed transmission: support SDH and OTN services with a 10G, 40G, or up to 100G rate.



Reliable business protection: provide switch protection to the telecom business customers of the operators and multinational companies with the large capacity of the OTN infrastructure.



Excellent management and maintenance capabilities: rich overhead bytes enable WDM to perform management and maintenance capabilities such as fault location, protection switching etc. The Tandem Connection Monitoring (TCM) function with several layers realizes the control of the complicated network including nesting and cascading.



Speedy provision of business: provides cross scheduling abilities with ODUK to response to customer's business demands, speed up completion of orders, and quickly provide businesses between nodes.



Wavelength rental business with emergency recovery abilities: provides large bandwidth services with security, protection and flexibility, as well as emergency recovery abilities during disasters through a highly competitive SLA pledge security system.