



Global Wavelength Service

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

Leveraging on its enormous international land and submarine cable system and 15 major routes across the Pacific, Europe and Asia, China Telecom has established a worldwide high speed network with backbone bandwidth of more than 7000G, which makes China Telecom become the irreplaceable information hub in the Asia-Pacific Region.

Global Coverage

China Telecom's International OTN network covers major cities in Mainland China and overseas cities of Hong Kong, Singapore, Japan, San Jose, Los Angeles, New York, Seattle, London, Frankfurt and Stockholm, etc.



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 operators and multinational companies with the large capacity of 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 realises 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 competition 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.



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