

Arcstar Global Leased Line Service

Predictable, Low Latency Global Networking with the Highest Quality

The NTT Communications Leased Line Premium Service

The NTT Communications Leased Line Premium service is a Layer 1 private managed data backbone, engineered to provide the highest level of quality and service for enterprise customers that rely on highly secure, high performance, predictable network solutions. The NTT Communications Leased Line network backbone has access to the most diverse international cable path options available, to allow secure and stable connectivity among Asia, the Americas, Europe, and other regions.

The NTT Communications Ethernet Leased Line Service

Emerging Ethernet technology can help customers reduce the complexity of their premise equipment management and reduce cost globally. NTT Communications has launched an Ethernet over SDH-type Leased Line option called Ethernet Leased Line (ELL) Service. This service offers customers the flexibility of Ethernet as an edge delivery method, while retaining high availability and the ability for customers to choose specific and diverse cable paths.

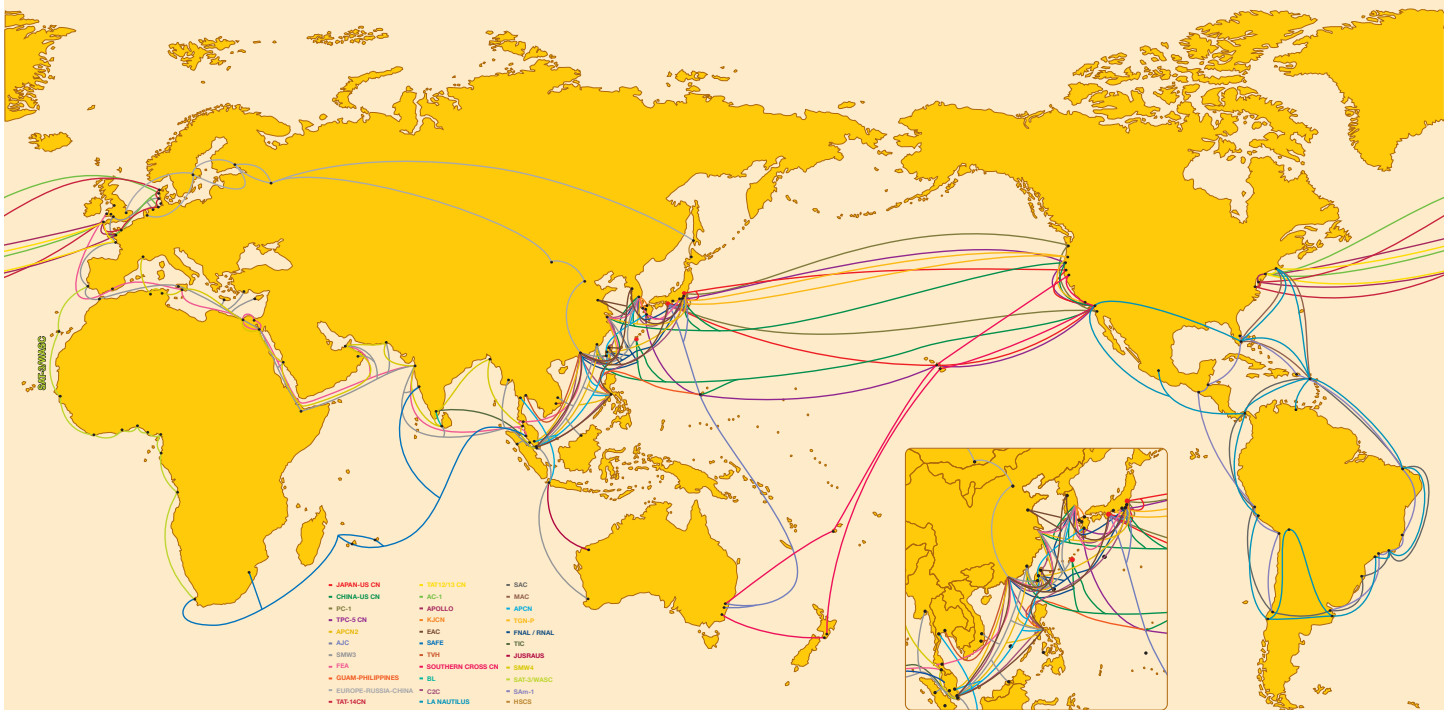
Leased Line Benefits

- Security of a Private Network
- Predictable Performance
- Non-intrusive Layer 1 Service
- Protection: Automatic Failover on protected paths and node diversity options

Ethernet Leased Line Benefits

- Lower cost for CPE equipment
- Ease of management

NTT Communications Global Connectivity



Why a Managed (Premium) Service?

Compared with the traditional method of providing international services through interconnection, managed (premium) services allow greater control of service quality. NTT Communications provides the service on an end-to-end basis, with full control over design, implementation, monitoring, and maintenance. With a Managed (Premium) service, NTT Communications offers the superior quality that is the company's tradition and core competency.

Complex Diversity Design

NTT Communications has designed the Leased Line service for the highest availability and lowest latency available, and can offer many diverse options through redundant POP and cable path architectures. NTT Communications engineers work with the customer to design redundant architectures based on the multitude of options available.

Extensive Cable Capacity and routes

NTT Communications offers a broad spectrum of cable path options, including an incomparable availability of capacity between the U.S. and Asia. We continue to expand our portfolio of submarine and terrestrial cable investments, offering more alternatives and enhanced reliability for customers.

When to use Ethernet Leased Line?

The major factors that drive customers to deploy Ethernet Leased Line technologies aim to solve the major roadblocks that can be experienced using traditional services.

Premise Equipment Cost

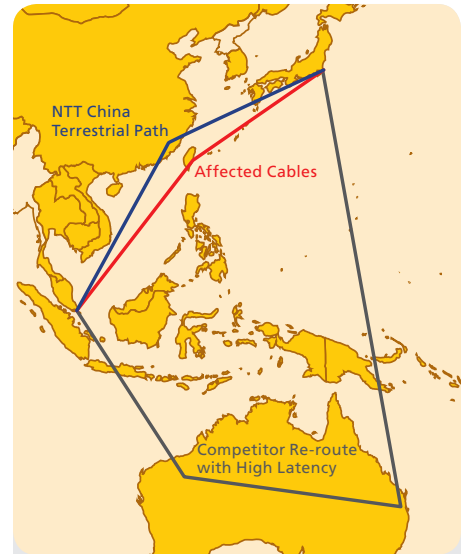
Large bandwidth Leased Lines typically require specialized hardware on the customer premise to accommodate the service. With Ethernet-based services, customers can reduce cost significantly due to hardware reduction or elimination altogether.

Intermediate Bandwidth

Traditional Leased Line services offer limited choices of circuit speed availability. Ethernet Leased Line services allows NTT Communications to offer many more Intermediate speed options and ultimately give customers more flexibility.

Ease of Management

Ethernet standards make management of the end-to-end service delivery much easier for customers with limited IT infrastructure or personnel.



Leased Line Recovery Capability for Large-Scale Disaster

On December 26, 2007, there was a large earthquake 90km south of Taiwan that damaged most of the undersea telecommunications between Asia and the U.S.

NTT was able to restore all of our Premium circuits within hours of the outage, and also leveraged our relationship with a regional partner to implement a China terrestrial route, offering our customers a way to dramatically reduce latency on a new path.

NTT Communications Benefits

Extensive Global Coverage with particular depth in Asia-Pacific region

Global backbone with largest capacity between the U.S. and Asia

Proactive Monitoring

One-stop Order, Billing and Support