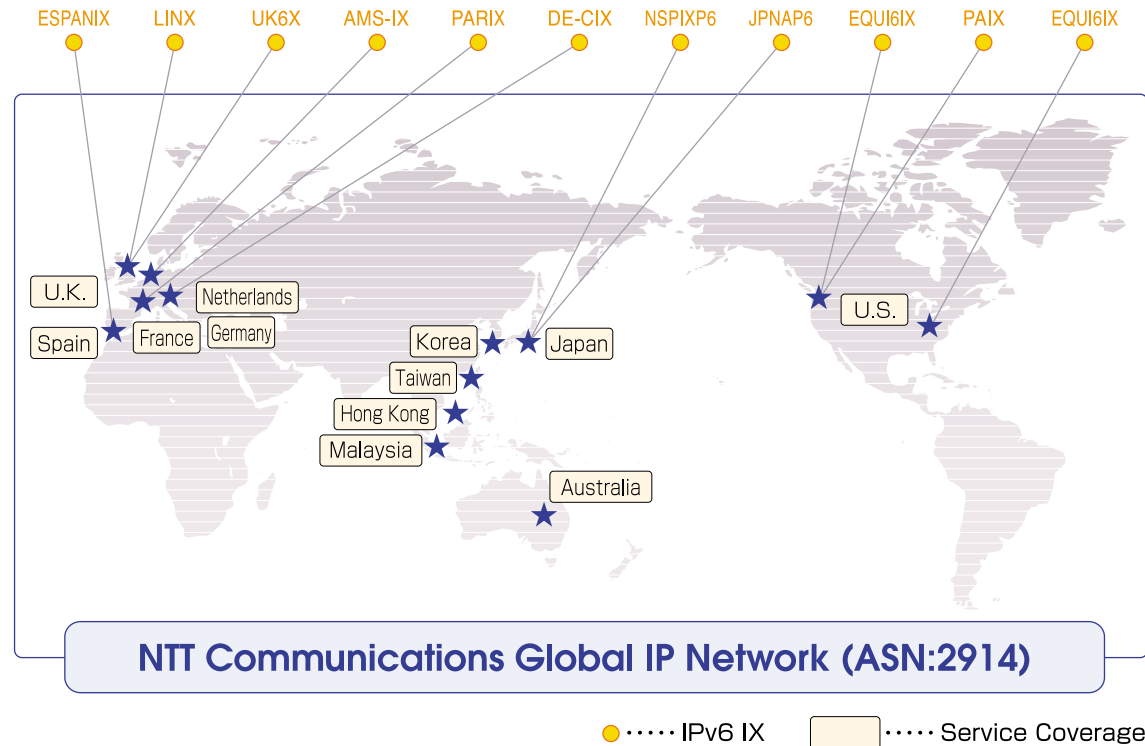


IPv6 Service

NTT Communications Global IP Network Image



IPv6 Service History

- 1999 ▶ NTT Communications (NTT Com) obtains sTLA (commercial IPv6 address space) from APNIC
NTT Com implemented IPv6 tunneling trial service for its domestic customers (over 200 trial customers)
- 2001 ▶ NTT Com pioneers world's first IPv6 Connectivity Services on a commercial basis
IPv6 Gateway Service (Native Service)
OCN IPv6 Tunneling Service
▶ NTT Com introduces IPv6 services in Hong Kong
HKNet launched IPv6 services in Hong Kong
▶ NTT Com participates national IPv6 projects
Japan : IPv6 Home Appliance Trials
China : 6TNet (IPv6 Telecommunication Network Project)
Europe : 6net
- 2002 ▶ NTT Com expands IPv6 services worldwide
OCN ADSL Service IPv6 Dual (A)
Malaysia (Arcnet) started IPv6 service
Australia (NTT Aust.IP) started IPv6 service
NTT Com won "Best Technology Foresight - IPv6" at the World Communication Awards 2002
- 2003 ▶ NTT Com enhances Tunneling Service worldwide
- 2004 ▶ NTT Com introduces IPv6/IPv4 Dual Service around the globe
- 2005 ▶ NTT Com commences m2m-x beta-testing in 8 POPs worldwide

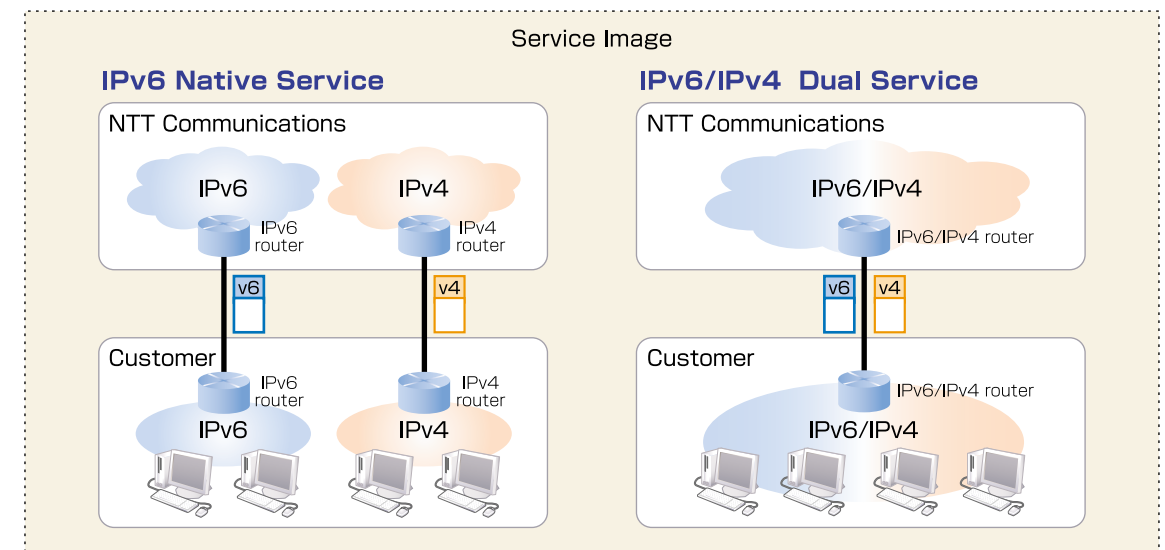
IPv6 Services

IPv6 Native Service

It provides customers IPv6 network transit service globally by connecting directly to the Global IP Backbone through IPv6 protocol.

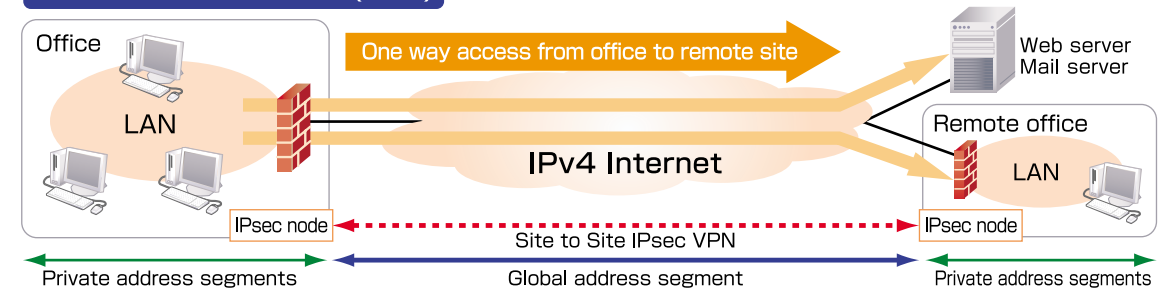
IPv6/IPv4 Dual Service

It provides both IPv6 and IPv4 connectivity to the Global IP Backbone using only one access circuit.



IPv6 Improves the Security Level of Internet Data Transmission

Conventional VPN model (IPv4)



New VPN model (IPv6)

