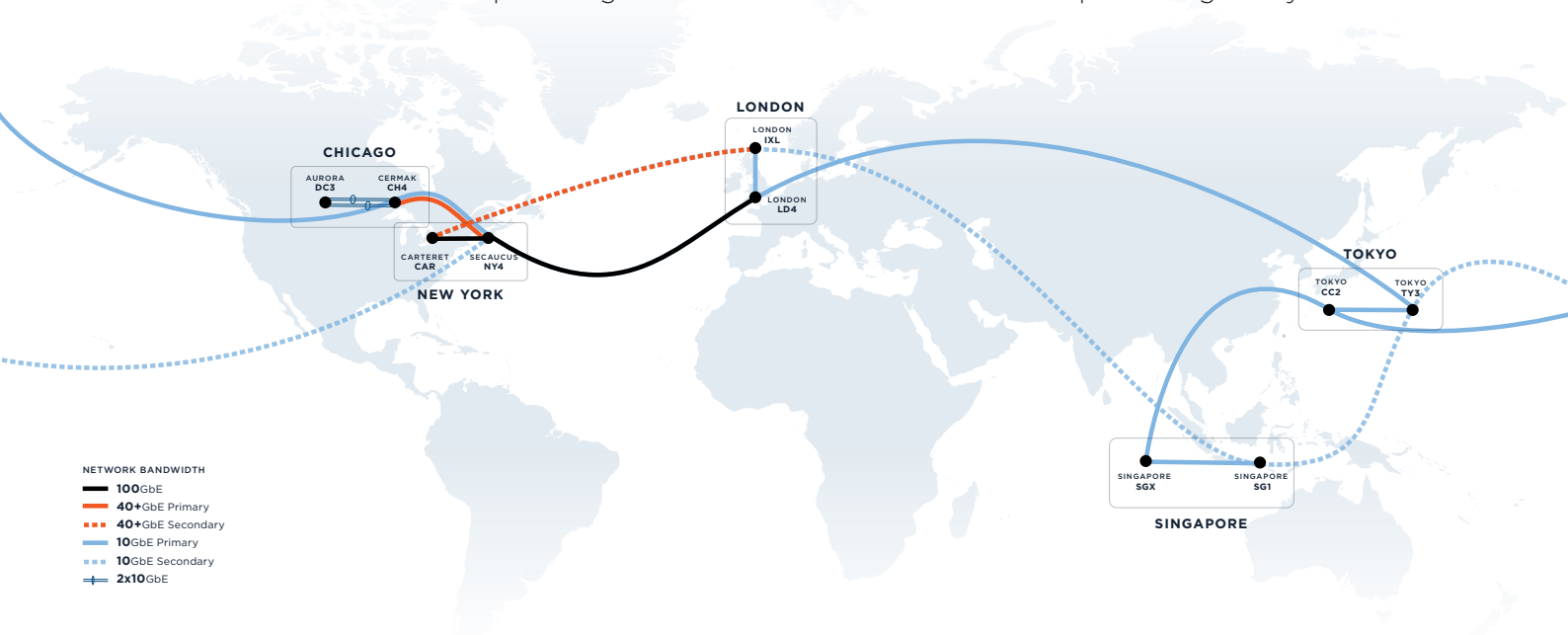# PICO | GLOBAL RING

Pico's premium **Global Ring** provides point-to-point ultra low-latency connectivity on a 10Gb resilient path between Pico's regional hub-sites in **New York** (NY4), **London** (LD4) and **Tokyo** (TY3).

Our Global Ring offers the secure transfer and delivery of orders, market data, and private client traffic between major global financial markets.

Pico's Global Ring is an integral element of PicoNet™, our proprietary financial markets network providing a consistent and seamless client experience globally.

NETWORK BANDWIDTH
- **100**GbE
- **40+**GbE Primary
- **40+**GbE Secondary
- **10**GbE Primary
- **10**GbE Secondary
- **2x10**GbE

CHALLENGE

Send Order Flow to Remote Markets
A Chicago HFT needs access to futures markets in London and Frankfurt.

Access Raw Market Data from Other Regions
A property trading firm in Amsterdam needs access to the US consolidated tape.

Connect Between Different Colocation Sites
A systematic trading firm needs to send signals between its colocation in Chicago and its colocation in Tokyo to facilitate arbitrage trading in different markets.

SOLUTION

Order Routing via Pico's Global Ring
Access all the major global trading venues and liquidity pools via a resilient, low-latency, fully managed infrastructure.

Global Market Data via Pico's Global Ring
Bandwidth to deliver raw multicast feeds reliably, at lower-latency than other service providers, and cheaper than the equivalent direct or dedicated connectivity.
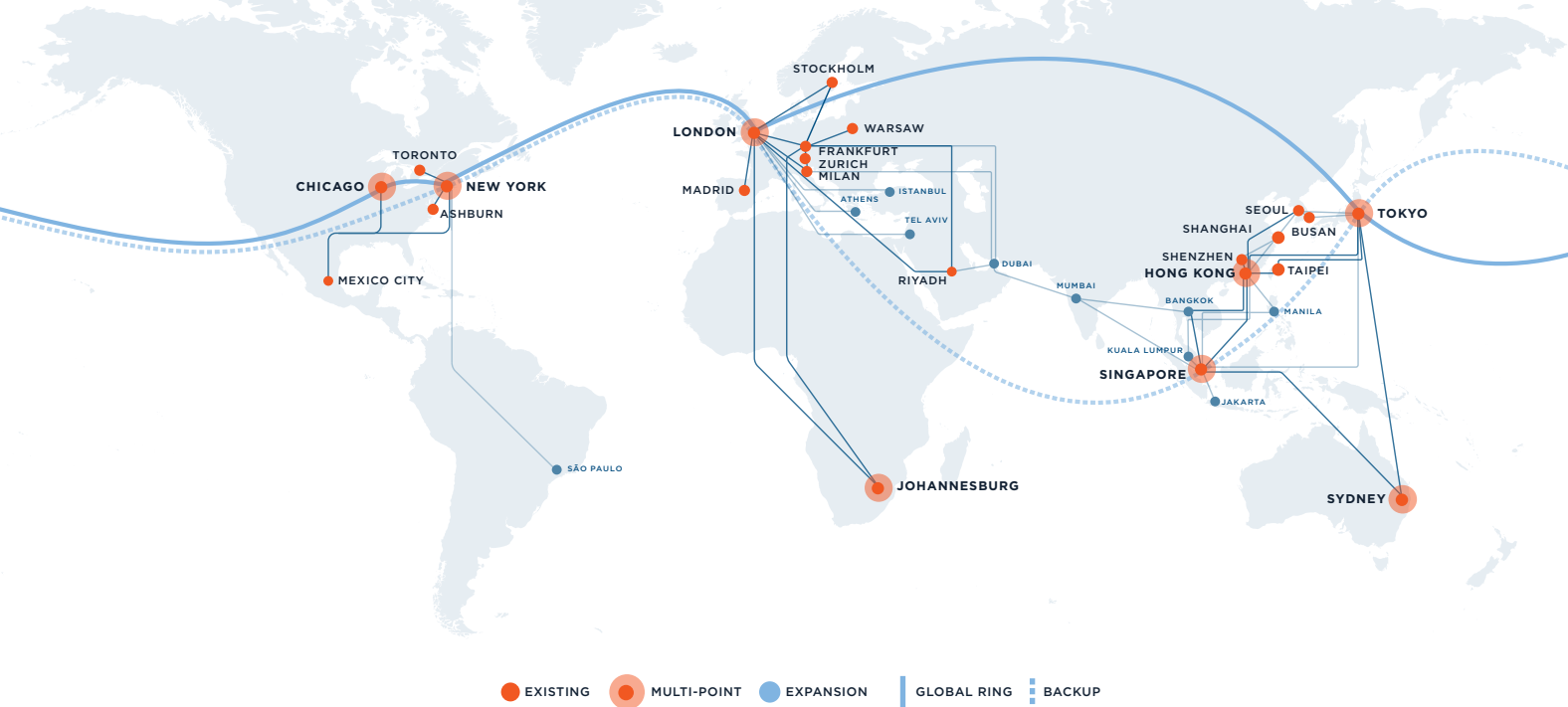
Private Bandwidth on Pico's Global Ring
Bandwidth on low-latency routes with access to a fully diverse back-up path, without the need to piece together and manage multiple separate telco links.

PicoNet™

We have access to over 300 global market venues via PicoNet™, our private ultra low-latency proprietary network mesh. PicoNet is extremely flat, minimizing hops and latency wherever possible. Ultra-resilient and fault-tolerant, it provides the fastest path connections between on-net co-location sites.

● EXISTING   ◉ MULTI-POINT   ● EXPANSION | GLOBAL RING   ⋮ BACKUP

REGIONAL POINTS OF INTEREST AND MARKET DATA

AMRS

Global OTC
ICE Futures US - Canadian Grains
ICE Futures US - US Softs & Financials
IEX
Instinet Canada Cross (ICX)
Liquidnet Canada
Lynx
MatchNow
Minneapolis Grain Exchange (MGEX)
Montreal Exchange
MTS BondsPro*
Nasdaq
Nasdaq BX
Nasdaq CXC*
Nasdaq CXC2
Nasdaq Fixed Income*
Nasdaq GEMX
Nasdaq Global Index Data
Nasdaq ISE

Nasdaq MRX
Nasdaq NFX
Nasdaq PSX
Nasdaq Options Market
NYMEX
NYSE*
NYSE American
NYSE ARCA
NYSE Bonds
NYSE Chicago
NYSE Global Index Feed
NYSE National
Omega ATS
OPRA
OTC Markets
S&P Dow Jones
Toronto Stock Exchange
Toronto Stock Exchange/ TSX Venture Exchange
TSX Alpha Exchange
TSX Venture Exchange UTP

EMEA

Aquis
BATS
BATS/Chi-X
BME MEFF*
BME SIB
Boerse Frankfurt
Bolsas y Mercados Españoles Indices*
Borsa Istanbul (Turkey)*
Borsa Italiana
Bourse de Luxemborg
Cboe FX
Chi-X
Currenex*
Dubai Mercantile Exchange (DME)
Eurex
Euronext
Euronext Cash
Euronext Derivatives
Euronext Dublin
Euronext Dublin Indices
Euronext FX*
Euronext Indices
European Energy Exchange (EEX)

GPW
ICE Endex
ICE Futures Europe - Commodities
ICE Futures Europe – Financials
JSE, A2X
JSE Derivatives
JSE Equities
LMAX*
London Metal Exchange (LME)
London Stock Exchange (LSE)
LSE AIM
Nordic Commodities
Nordic Derivatives Exchange
Nordic Equities Nordic Fixed Income
Oslo Bors
Prague Stock Exchange
Sigma X
SIX Swiss
Tel Aviv Stock Exchange* Turquoise
Vienna Stock Exchange
Xetra

APAC

Bursa Malaysia Derivatives (BMD)
FXSpotStream
HKEx Equities*
Hong Kong Futures Exchange (HKFE)*
JPX
Korea Stock Exchange (KRX) Derivatives
Korea Stock Exchange (KRX) Equities*
Shanghai Stock Exchange (SSE)*
Shenzhen Stock Exchange (SZSE)*
Singapore Stock Exchange (SGX)
Commodities Singapore Stock Exchange (SGX)
Derivatives Singapore Stock Exchange (SGX) Securities

Learn more **www.pico.net**