



DEUTSCHE BÖRSE  
GROUP

Market Data + Services

# Ultrafast connectivity solutions

Offering speed and reliability

## Introduction

### Availability and speed matter

The Deutsche Börse network spans the globe, interconnecting the world's financial communities and is the foundation for a wide and growing range of reliable network solutions.

The network is built to the highest possible standards using the latest technologies and industry leading components, allowing you to build and run your mission critical services with confidence.

Whether you need secure access to financial markets, receive real-time market data, deliver your applications and services to your customers or interconnect various office sites and data centres, the Deutsche Börse network offers complete reliability, speed and availability.

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# 6,000 connections in 26 countries

Access points are located in major financial hotspots

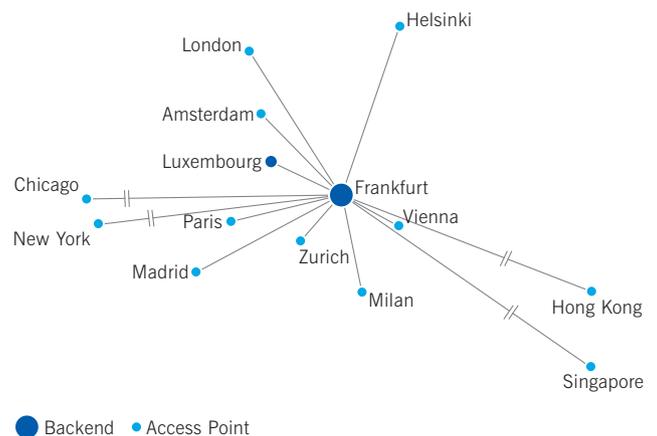
## Global Reach

Deutsche Börse provides continuous monitoring of over 6,000 connections in 26 countries. Access points are located in European, North American and Asian financial hotspots, serving all major institutions, market data providers and other financial services firms.

24 hours follow-the-sun operations, specialist support teams, and an average line availability of over 99.9999%<sup>1</sup> combine to ensure that your business continues to run smoothly and efficiently.

<sup>1</sup> Figures are for 2012

### Deutsche Börse's global network



# We'll connect you to markets across the globe

From Austria to Singapore to Zurich

## Managed Network Solutions

### **CEESEG FIX Connectivity**

A fully managed network service for connecting to the markets of CEE Stock Exchange Group. The CEESEG FIX Gateway, operated by Wiener Börse AG, facilitates FIX order routing, quoting, trade capture, and access to market and reference data of the Budapest, Ljubljana, Prague and Vienna stock exchanges.

Bandwidth options: 256 kbit/s, 512 kbit/s and 1 Mbit/s.

### **Eurex Repo Connectivity**

Flexible connectivity options for access to Eurex Repo Market, where participants can trade repos with a wide range of around 5,000 fixed income securities divided into 21 different baskets. Multiple bandwidth and connectivity options are available for access to:

- Euro Repo Market
- GC Pooling Market
- Swiss Franc Repo Market
- OTC Spot Market
- SecLend Market/COSI
- SecLend Market/CCP

### SIX Connectivity

A low latency connection to all SWXess trading platform services via the SIX Swiss Exchange Common Access Portal (SCAP). Several bandwidth options are available for access to:

- Standard Trading Interface (STI)
- Market Data Interface (MDI)
- Capacity Trading Interface (CTI)
- Reference Data Interface (RDI)
- OUCH Trading Interface (OTI)
- ITCH Market Data Interface (IMI)

### Tradegate Exchange Connectivity

ExServes Tradegate Exchange Connectivity is a fully managed network service for connecting to Tradegate Exchange – the leading trading venue for private investors, where more than 4,500 equities, 1,500 exchange-traded products (ETPs), 1,500 bonds and 1,600 investment funds can be traded.

Bandwidth options start at 128 kbit/s.

### Singapore Exchange (SGX) Connectivity

ExServes SGX Connectivity efficiently bridges the European financial centres with SGX, the world's biggest offshore market for Asian equity futures.

This managed IP-based service offers various bandwidth options for access to:

- SGX Derivatives Market on SGX QUEST-DT
- SGX Derivatives Market Direct Feed (DMDF)
- SGX Securities Market on SGX REACH-ST
- SGX Securities Market Direct Feed (SMDF)

### ExServes Management Link

ExServes Connectivity Solutions go further than venue connectivity. With ExServes Management Link, Deutsche Börse provides connectivity between your premises and Deutsche Börse's co-location data centre in Frankfurt, or with any other location within reach of the Deutsche Börse network, for remote infrastructure administration or application delivery purposes.

# Quick and easy implementation

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Using new or existing lines

## Integration and Support Packages

### **ExServes Connect**

ExServes Connect is a full service package that facilitates quick and easy onboarding to the Deutsche Börse network. Depending on your connectivity type, appropriate network components are procured and configured by our team of network specialists, then installed and integrated onsite by our experienced field engineers.

### **ExServes Router management**

Failing router hardware and misconfigured networking equipment can adversely affect your exchange performance, with serious impact on your business activities.

Configuration and monitoring of routers and switches demand specialist technical knowledge and dedicated support teams. This is where ExServes Router Management can help, providing a continuous monitoring, maintenance and configuration update service for your mission critical networking components.

### The benefits to you:

- Continuous network monitoring
- Carrier-resilient connections with dedicated, guaranteed bandwidth
- A highly secure solution, as all network traffic is routed across Deutsche Börse's private IP network, completely bypassing the Internet
- All services can be quickly and easily implemented on existing lines with sufficient bandwidth, or on new lines ordered and maintained by Deutsche Börse
- Standardised set-up and operational processes, to minimise your internal efforts and ramp-up time
- A single, well-established provider, experienced in network operations and specialised in financial technology services

### Venues and services on the Deutsche Börse network

- AlphaFlash®
- Budapest Stock Exchange
- Bulgarian Stock Exchange
- CEF® real-time data feeds
- Central Counterparty (CCP)
- Central European Gas Hub
- Eurex®
- Eurex® Bonds
- Eurex® Repo
- Eurex® Vienna
- European Energy Exchange
- German regional exchanges
- Irish Stock Exchange
- Ljubljana Stock Exchange
- Prague Stock Exchange
- Scoach Europa AG
- Singapore Exchange
- SWIFT
- Tradegate Exchange
- Vienna Stock Exchange
- Xetra® International Market
- Xetra® Frankfurt

Feel free to speak to us about access to any other trading venues or services.

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# Sometimes more is more

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Outsource your IT environment  
to Deutsche Börse

## Complementary Solutions

We offer a comprehensive suite of services, ensuring that your company can adapt to today's increasingly complex IT demands. Our integrated network, infrastructure and hosting solutions allow companies to fully outsource their IT environments to Deutsche Börse's specialist technical support teams.

- Managed hosting solutions powered by data centre hosting partners
- Expertise in a range of network and server hardware and operating system environments
- Proactive monitoring and maintenance by Deutsche Börse's global technical support teams, including a hardware replacement and upgrade services
- Swift ticket handling and automated corrective actions combine to ensure rapid incident recovery and response times

We also provide a number of services on demand, including Business Process Outsourcing (BPO) solutions, Software as a Service (SaaS) and Application Service Provisions (ASP) solutions, including:

- Banking applications
- Wealth management applications
- Risk and trade management applications
- SWIFT Service Bureau
- Anti-money laundering filtering
- Automated reconciliation
- Archiving
- eInvoicing
- Virtual office

In addition, our broad skill set includes project management, implementation, maintenance and third party supplier management.

## Market Data + Services

### **Your smart partner**

Thanks to the economies of scale achieved by Deutsche Börse Group, Market Data + Services has a successful portfolio of robust technology solutions to meet the needs of customers within the financial services industry.

Our commitment and dedication to quality, our in-depth industry know-how and stringent internal processes and procedures are key reasons why the financial community chooses Market Data + Services as their partner of choice.

### **Certification**

The management system supporting our operations, development, project and IT security management processes, is certified as meeting recognised International Standards for Quality Management and IT Service Management. Deutsche Börse IT is certified by Det Norske Veritas (DNV), one of the world's leading accredited certifying bodies, as meeting the requirements of ISO 9001:2008/TickIT for Quality Management and ISO/IEC 20000-1:2011 for IT Service Management.

**Creating more choice**

Market Data + Services is continually developing its portfolio of services, including:

- Global connectivity and network solutions
- IT Hosting and Managed Services
- Banking and finance solutions in ASP and SaaS
- eArchiving and eInvoicing in SaaS
- SWIFT Service Bureau with integrated AML and other modules.

## Contact Information

For further information about Market Data + Services and how we can help you, please contact us:

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