

Microseconds matter

Every lost tick is a lost trading opportunity.

A low-latency trading infrastructure is the prerequisite for remaining competitive but it is costly to build and maintain. Moreover, as the trading environment becomes increasingly complex, market data infrastructure needs to be both scalable and flexible enough to be rapidly deployed across new markets or data feeds in order to maintain trading agility and performance.

Our innovative distributed market data model gives the performance of a direct exchange connection and the flexibility of a managed network - at a much lower cost than an 'in-house' solution.

iX-Direct eliminates the conventional data aggregation, formatting, distribution and communications processes, along with the consequent delays.

Fixnetix market data is processed as close to the exchange as possible and publishes feeds direct to clients via diverse circuits of up to one Gigabit per second. Fixnetix addresses low latency as an engineering discipline, re-engineering the components of market data services and exploiting the capabilities of new technologies.

By providing data direct from the exchange source Fixnetix can deliver iX-Direct 'on the wire', requiring no software or hardware to be installed on site. Since Fixnetix builds and manages all the end to end components, iX-Direct has no legacy infrastructure, no political restrictions - just pure performance straight to your trading application.

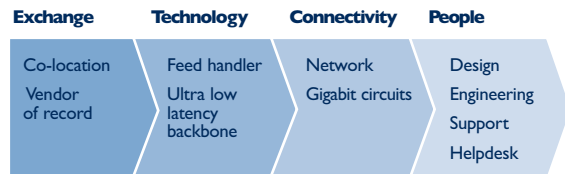
Latency of iX-Direct compared to conventional market data feeds



- Full market depth across all major markets
- Reduced lead times to access any new data feeds
- Best of breed technologies are matched with stringent performance SLA's
- High performance infrastructure with up to Gigabit exchange connectivity
- Sub millisecond data transformation
- Constant performance monitoring and bandwidth utilisation
- Help desk and support

Engineered for 21st century trading

Most solution providers offer either the feed handlers, the network or the market data platform. iX-Direct is a complete, end-to-end service that replaces the multiple service levels, integration and maintenance costs, operational risks and deployment delays that characterise conventional market data models.



iX-Direct has 4 major components:

The exchange - iX-Direct reduces propagation delay by distributing directly from the data source. As a 'vendor of record' Fixnetix co-locates as close to the exchange matching engine as possible, thereby eliminating telco switches and circuit 'hops'.

Technology - Performance-optimised feed handlers at each exchange normalise market data into multiple formats such as Reuters, Wombat, Fixnetix or the Exchange API in under one millisecond. Our backbone distributes data simultaneously from two diverse data centres directly to your trading engines ensuring you never miss a tick.

Connectivity - Our performance network, with up to Gigabit client connectivity, ensures the ultimate flexibility and cost effective solution. Dedicated high bandwidth circuits ensure no data buffering at times of peak message rates. When a spike in the number of messages occurs iX-Direct does not conflate the data, therefore you receive every tick exactly when you need it most.

People - Our technology experts have many years' experience in financial market data. As proven industry practitioners we understand every issue regarding the delivery of ultra low latency data. By providing systems, bandwidth and exchange connection monitoring, Fixnetix delivers continuous performance optimization allowing clients to focus solely on their strategies and trading performance.

The speed to succeed

FIXNETIX
The ultimate trading advantage

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" Fixnetix has provided our data to a number of our customers with some very impressive latency statistics."

London Stock Exchange

Fixnetix is the leading exchange trading and market data infrastructure company providing ultra high performance real time direct data feeds and trading connectivity services to the financial community.

The first step in improving the trading environment is changing the market data & trading venue gateway infrastructure models to one's that match today's trading structures and regulatory regimes. Delivering raw or normalised data and multiple trading venue access at ultra low latency direct to the trading platform gives firms greater flexibility to design and execute their trading strategy.

- Fixnetix has designed and engineered the optimal market data and trading services using best of breed partners under extensive service level agreements.
- Each component is performance engineered as an integral part of the complete service whilst maintaining the ability to scale requirements such as additional trading venue servers on demand.
- Our 'direct to your trading engine' approach delivers raw or normalised data in the format of your choice - thus eliminating local operating costs and project risk.
- 'On the wire' delivery allows firms to access more markets and data on demand. Every change can also be applied to ensure identical data feeds for both primary and DR trading sites.
- Our 'ready to trade' professional services handle the entire deployment process for you - requirements gathering, ordering, configuration, setup and tuning.
- In order to maintain its performance advantage, Fixnetix invests in a process of continuous optimization to identify and implement technologies that enhance the performance of its market data infrastructure.

Key service features

- End-2-end infrastructure supporting both data & execution
- Managed service including exchange gateways, feed handlers and ticker plants
- Innovative services delivered 'on the wire' direct to your trading engine with no additional technology to install and maintain

Customers value Fixnetix for its ultra low latency market data & trading infrastructure, 'on the wire' managed services and the flexibility of the support services provided.

Clients can:

- Access market data at the performance of a direct exchange connection but with the flexibility of a managed network.
- Utilise Fixnetix independent hosted exchange trading infrastructure in order to reduce round trip times for trading.
- Use our managed market data feed handlers to reduce their local processing overheads, eliminating the need for local feed handling systems.
- Build a fully resilient direct market access strategy by exploiting Fixnetix' investment in dual ticker plants within diverse locations.
- Generate competitive advantage by colocating algorithmic trading engines at the closest point to the exchanges to minimise network latency.
- Commit transactions to the exchanges via the high bandwidth Fixnetix network infrastructure.

Fixnetix 'continuous performance optimisation' lets you focus on trading while we ensure the trading infrastructure continues to deliver the performance you need; not just now but into the future.

- Exchange updates or hardware upgrades.
- Feed handler selection and configuration.
- Testing and delivery of the ultimate feed choice.
- Network engineering - reducing circuit lengths.
- Circuit utilisation - ensuring feeds do not exceed bandwidth.

- Multi formats offered for ease of integration
- Dedicated team offering round the clock monitoring and support
- The fastest connection at every location: Gigabit ethernet or fibre connections to datacenters and 55,000 points of presence around the world.