



HIGHLIGHTS

Globus is a high performance order routing hub server build on top of powerful FIX engine from Fixbytes - **FIX Fire**.

Globus provides the flexible and easy to use logical routing configuration for multi session source to multiple destinations. It provides in-built highly flexible rule engine driven by user friendly scripts and web based GUI. Logical routing rules can be 'hot deployed'.

Globus provides the order book maintenance feature, useful for mapping the incoming orders to the trades. It also provides the FIX Engine's features like connectivity management, FIX session maintenance and FIX message handling for the organizations using FIX protocol for financial information exchange and Straight through Processing (STP). Ideal Routing Application and FIX platform for Broker / Dealers, Hedge funds, Asset management firms, Liquidity providers and Technology providers.

Globus will consist of a web based GUI for configuring complex routing and validation rules, will have features for session monitoring and configuring counterparty sessions and connections and will provide easy to use APIs in Java / C++. It will be able to handle high volumes message flow across multiple connections, will be scalable and will have high availability.

Key Differentiators

- Highly configurable Routing Rule Maintenance
- Highly Configurable Validation Rule Maintenance
- UI Based / User Friendly Script based Rule management
- Order book maintenance for mapping orders to trades Support all versions of FIX Protocol including 4.4 & 5.0
- High performance with message processing rate of more than 1000 messages / second
- Multi platform support
- Easy web-based configuration and administration module – quicker rollouts
- Hot deployment support
- Flexible and robust high availability and failover support
- Easy to plug-in with existing systems
- Supports DMA, Agency and Algo Trading business
- Support for different range of asset classes e.g. Equities, Futures, Options, Fixed Income and FX

Globus Features

Product Support

- Supports Complex routing rule configuration for multiple source sessions to multiple targets
- Supports Validation rule configuration
- Supports optimized order book maintenance and access
- Supports all current FIX Protocol versions
- Supports FIX sessions and connection management
- Supports DMA, Agency and Algo Trading business
- Support for different range of asset classes e.g. Equities, Futures, Options, Fixed Income and FX
- Multi platform support like Sun Solaris, HP-UX, UNIX, Linux and Windows

Deployment

- Hot deployment facility for Routing Rule Configuration, Session / Connection Configuration
- Full trade life cycle support like orders, trades, allocation, confirmation, IOI etc.
- Enables Straight Through Processing

Performance and Scalability

- Guaranteed Counterparty Connectivity
- Efficient handling of Multiple buy side / sell side sessions (multiple session management)
- Efficient and optimized Routing Rules management
- Efficient Validator Support
- Optimized Order Book Maintenance
- Optimized performance and desired throughput
- Provides software based High Availability option for high performance and multiple connections
- Guaranteed message delivery
- Real-time Performance monitoring

Administration and UI features

- Web-Based Session monitoring / Administration / Routing Rules Configurations / Validation Rules Configurations
- Alert Monitoring and reporting
- Easy to use APIs / User Friendly XML based scripts
- XML based configuration
- Support for Encryption and SSL
- Persistence (ability to store data to file or database)
- Business logic to deal with different counterparties, message validation, protocol translation and version mapping - for cleaner interfaces to counterparties
- True software based High-availability hence less pain for System administrators

Interface and Integration

- Direct Market Access to exchanges
- Provides adapters for MQ / TIBCO / VB / C / C++ / JMS
- Flexible Interfaces for integration with existing systems

Globus 1.0

Global Order Hub Server

Product Differentiators

Features	Globus	Market Leaders	Others
Hot deployment	Deployment without Restart Connection / Session / Rule Management	x	x
Routing Rule Configuration	UI based and script based Routing rule configuration	x	x
Validation Rules Configuration	UI based and script based Routing rule configuration	x	x
Order Book Maintenance	Optimized Order Book Maintenance	x	x
Administration	Web-based	Web-based	x
FIX Support	All versions(4.0 - 5.0)	All versions (4.0 - 5.0)	4.0 - 4.4
High performance (Number of messages per sec)	More than 1000 messages / sec	Less than 1000 messages / sec	
High-availability	True HA (Cluster based) - automatic failover	Basic HA capabilities	Manual restore
Monitoring	Pluggable Monitoring GUI	x	
Alert Notification	Pluggable alert notification (Mail / Tivoli etc.)	x	x
Scalability	Multiple session management and highly scalable on multiple platforms	Multiple Session Management	x x
Usage / Customization	Easy to use APIs and User Friendly Language	Java APIs	Java APIs
Integration	Easy to Use Range of Adaptors For Integration	Limited Adaptors	Limited Adaptors
Support	Onsite support will be provided	Email Support	x



