This document provides key information about connectivity to the Optimise production and test environments.

Key Connectivity Documents

These are the key documents and files members need to understand Optimise connectivity.

	Members Area Site > Documents > Filters	
Document/File Name	**Area***	**Category***
Member Connectivity Guide	Connectivity	Guides
Member Simulation Guide	Member Test Environment	Guides
MDI Programming Manual (if you connect to MDI)	MDI	Guides
ISE Member Reports Guide	Reports	Guides

*The **Area** and **Category** columns refer to Area and Category drop-down list filters – on the Documents page of the Members Area site – that can be used to find these documents. Only one filter is required to find a document.

Where to Begin Reading about Connectivity

The first documents to find, download, and read are the *Member Connectivity Guide* and *Member Simulation Guide*. The *Member Connectivity Guide* provides an overall view of options as well as specific IP addresses for production and test environments. The *Member Simulation Guide* describes the test environments as well as IP addresses for the test environments.

If you need MDI connectivity, the *MDI Programming Manual* includes two additional columns of IP-related data for MDI developers, FeedInstanceID and FeedName.

NOTE: This Quick Links document DOES NOT include MDI IP addresses. For that information, please read the *MDI Programming Manual*, *Member Simulation Guide*, and *Connectivity Guide*, as needed.

The *ISE Members Reports Guide* provides information about how to access the reports FTP server and information about each individual report. The *ISE Individual Member Reports Guides* is a zip file that has a sample report and user guide for each report.

How to Use the Members Area Site to Find Documents

To find documents on the Members Area site:

1. Login at https://members.ise.com.
2. Click the Documents tab in the top right navigation links. The Documents page will appear.
3. Select at least one filter from the row of drop-down lists above the grid that displays documents:
   Area filters documents by software interface or subject area (e.g. FIX or Reports)
   Release filters documents by a specific version of Optimise (e.g. 3.0)
   Category filters documents by type of document (e.g. Guides or Release Bulletins)
4. Click the Filter button to the right of the drop-down lists. The filtered list of documents will appear.

NOTE: More than one filter can be used to refine your results. However, using more than one filter may result in no documents listed.

How to Get Started with Connectivity

Step	Action
1	Establish connection to the simulation environment of Optimise (MT1/MT2) via Equinix data center
2	Contact ISE Technology Member Services (TMS) to confirm connectivity
3	Contact TMS to start connectivity to Optimise Production Environment (through Equinix)

Production IP Addresses

The current production IP addresses for the Optimise production environment:

Envt	IP Address	Interface	Comments	Port(s)
Primary	207.231.197.5	VIP for DTI Interface (All Members)	Points to trading system	20011 20012
	207.231.197.6	VIP for *Premium Access* DTI Interface		20021
	207.231.197.37	VIP for PrecISE Trade Interface		SSL 443
	207.231.197.38	VIP for FIX Interface		
	74.120.84.118 or precise.iseoptions.com	PrecISE Trade via the Internet		SSL 443
	207.231.197.39	Member FTP VIP		N/A
	74.120.84.126	VPN Peer1-IPSEC Primary		N/A
Backup / DR	74.120.84.250 or precise.iseoptions.com	PrecISE Trade via the Internet		SSL 443
	207.231.197.133	VIP for DTI Interface (All Members)		
	207.231.197.164	VIP for PrecISE Trade		See Primary VIP
	207.231.197.165	VIP for FIX		See Primary VIP
	207.231.197.39	Member FTP VIP	Backup Member FTP	N/A
	74.120.84.254	VPN Peer2-IPSEC Secondary		N/A

Member Simulation Test IP Addresses

The current production IP addresses for the Optimise test environments:

Table 1: IP addresses and ports test environment access to DTI

Subnet: 207.231.198.0/27*		Port
System MT1	System MT2	
207.231.198.1	207.231.198.2	20050

Members also must provision routes to 207.231.198.32/28 for the direct-connect DTI gateways.

NOTE: Please note each market participant has to obtain a new set of individual user accounts (IDs) in order to use the DTI in the member simulation environment. Please make sure to get new user accounts by contacting ISE's Technology Member Services (TMS) team at (212) 897-0244 or tms@ise.com.

Table 2: IP addresses for test environment access to FIX/IORS

IP Address / Netmask	Ports
207.231.198.19 / 255.255.255.0	Member-specific

NOTE: Please note regardless of the active member simulation system (MT1 or MT2), the IP address to access IORS does not change. ISE ensures that IORS connects to the appropriate back-end.

Table 3: IP addresses for test environment access to PrecISE

Member Test Environment	Direct Connection		Port
	Via NEW data center (Equinix)	Internet Connection	
MT1	207.231.198.17	74.120.84.92	443 (HTTPS)
MT2	207.231.198.18	74.120.84.91	443 (HTTPS)

Support

If you need help with connectivity, please direct your questions as follows:

Need Help With …	Contact Name	ISE Group/Role	Email	Phone
Reports, new report FTP user accounts	Geralyn Endo	Business Development	gendo@ise.com	(212) 897-8171
Network connectivity to data centers, data feeds, reports FTP	Technology Member Services	Technology Member Services	tms@ise.com	(212) 897-0244

Further Information

If you have any questions regarding this document, please contact ISE Technology Member Services at (212)-897-0244 or write to tms@ise.com.

For documentation and the latest information regarding ISE's new trading system, please login to our secure Members Area website at https://members.ise.com.

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QUESTIONS?
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