

Network Connectivity

This topic is intended for network engineers who are responsible for configuring customer-side physical devices to interface with the CME Group environments.

Click the links below for complete details on:

The CME Group production environment supports order entry, market data, and clearing transactions with CME Group. It is assumed customers have tested their applications for functionality, performance, and robustness in CME Group's certification and test environments and against CME Group-provided test suites in CME AutoCert. In some circumstances, firms may be required to certify their application's functionality as a prerequisite to accessing the production environment.



CME provides multiple IP addresses for connectivity in production and disaster recovery. To locate port and multicast addresses, refer to the CME Globex Market Data Platform Production and Replay Channel Definitions via the FTP site: [MDP 3.0 - FTP Site Information](#).

CME Connection Agreement

A series of forms to obtain access to the production environment, the CME Connection Agreement, must be completed, submitted to and approved by CME Group. The connectivity information from these forms will be forwarded to a CME Group network engineer. These forms and instructions for completion are available at www.cmegroup.com/connectionagreement. Please contact [CME Global Account Management](#) with any additional questions.

For new customers requesting connectivity, the following forms are required:

- Schedule 1 – CME Connection Agreement
- Schedule 2 – Access Request and Information Form
- Schedule 6 – Clearing Firm Guarantee & Acknowledgment
- Market Data License Agreement

For existing customers requesting changes to their connectivity, the following form is required:

- Schedule 5 – Additions, Deletions and Changes

For existing customers requesting connectivity at a new location, the following form is required:

- Schedule 2 – Access Request and Information Form

Revision History

Revision Date	Version	Revision Author	Revision Description
9/15/05	1.1	AL	Appendix A, Certification Channel Definition, added. Appendix B, IP Addresses for Connectivity and Disaster Recovery, added.
12/16/05	1.2	AL	Update channel definitions. Addition of Client INTERNETLink procedures for MDP.
2/27/06	1.3	GF	Production and Certification Connectivity Guides merged and modified based on technical review.
3/28/06	1.4	GF	Editing changes made based on Globex® Services review.
3/31/06	1.5	GF	Update graphics.
4/5/06	1.6	GF	Editing changes made based on reviews.
4/24/06	1.7	GF	Added definitions for channels 19, 20, and 21 to Appendix A and Appendix B.
5/9/06	1.8	GF	Modify channel 16 definition by removing the words "CME Auction Markets" in both Appendix A and Appendix B
6/5/06	1.9	bif	Removed extraneous MDP channel definitions
6/20/06	1.10	GF	Update Appendices A, B, and C. Minor text changes based on reviews.
8/29/06	1.11	GF	Update Appendix B to reflect certification channel changes.
9/5/06	1.12	GF	Update Appendix B to reflect changes to Cert MDP channel definition table.
9/17/06	1.13	GF	Update Appendix A to reflect change to Production MDP channel table.
1/18/07	1.14	GF	Update Appendix A and Appendix B to reflect changes to the channel tables by using links to separate files.
1/23/07	1.15	GF	Update cover with SDK Home icon.
2/28/07	1.16	GF	Remove the certification material.

4/2/07	1.17	GF	Add new replay IP/Port to Appendix B.
5/31/07	1.18	GF	Add new IP/Ports to Appendix B.
7/31/07	1.19	GF	Remove Cert IP and Port information from Appendix B and merge it into the links in Appendix A. Appendix B removed and Appendix C renamed.
10/3/07	1.20	GF	Add Appendix C – Network Time Protocol
12/11/07	1.21	GF	Correct typo.
1/14/08	1.22	GF	Update RP configuration
1/28/08	1.23	GF	Additional RP configuration updates
6/4/08	1.24	GF	Add new 100MBPS offering
1/22/09	1.25	GF	Add LNET and Jackson Direct descriptions to this document.
5/27/09	1.26	GF	Remove all references to Client DIRECTLink
8/28/09	1.27	GF	Update LNet and Jackson Direct information
2/10/10	1.28	GF	Change reference to Schedule 7 to MDLA
6/29/10	1.29	GF	Minor edits
10/15/10	1.30	GF	Update two of the NTP IP addresses
11/1/10	1.31	GF	Updates reflecting new data center
1/21/11	1.32	GF	Add Glink information
2/25/11	1.33	GF	Remove editing text
3/18/11	1.34	GF	Add EConnect information
5/12/11	1.35	GF	Update EMEA phone number
6/10/11	1.36	GF	Update GLink information
9/7/11	1.37	GF	Update GLink Detailed Connectivity Drawing
9/9/11	1.38	GF	Update GLink Detailed Connectivity Drawing
1/26/12	1.40	GF	Add CME NYDC VPN Connectivity
5/4/12	1.50	GF	Add Connectivity to CME Globex Hubs via BTR, London
8/10/2012			Migrated to wiki