

	CME GLink	CME EConnect	CME EConnectSecaucus	LNet	CME Globex Hub	Client INTERNETLink
Definitions	Client-managed solution that will provide the lowest latency connectivity to the CME Globex platform and is available only at CME Group's co-location facility.	Client-managed solution allowing customers to cross connect to the CME Group data centers in NY and NJ via a cross connect within the data centers or via a circuit delivered to the MMR within the CME POP facilities.	Client-managed solution allowing customers to cross connect to CME Group at the Equinix, Secaucus NY4/NY5 campus. Both the A and B feeds are provided at this data center.	Client-managed solution via a CME Group-specified colocation facility. Customers are required to house the CME Group-certified trading applications at the colocation facility. Both the A and B feeds are provided at this data center.	Client-managed physical connections to the CME Group points of presence in London, Hong Kong, Seoul, Kuala Lumpur, Singapore, Tokyo, and Sao Paulo. CME Group offers access to both the A and B feeds at the London and Tokyo points of presence.	A secure, encrypted VPN tunnel through the Internet.
Supported Interfaces	All client interfaces: iLink, Market Data Platform and CME Clearing systems					iLink and CME Clearing systems
Capacity & Bandwidth	10Gbps	1Gbps & 10Gbps interface/handoff	1Gbps & 10Gbps interface/handoff	1Gbps & 10Gbps interface/handoff	1Gbps & 10Gbps interface/handoff	Increments of 0.5Mbps up to 20Mbps
Redundancy*	CME Group recommends customers maintain a redundant site.	Diverse network routes are designed for both the A and B feeds.	Both the A and B feeds are provided at this data center.	CME Group recommends customers maintain a redundant site.	Access to 2 data centers provided by diverse CME Group-authorized carriers.	Dependent on client Internet connection.
CME Group or Client-managed	Client-managed within CME Group's colocation facility.	Client-managed	Client-managed	Client-managed	Client manages connection(s) to data center. CME Group manages the equipment on-site at the data center and connections back to Chicago.	Client and CME Group manage their respective connections to the Internet.
Cost	10 Gb = \$12,000 monthly One-Time Install = \$2,000	1Gbps = \$4,000 monthly 10Gbps = \$6,000 monthly	1Gbps = \$4,000 monthly 10Gbps = \$6,000 monthly	1Gbps = \$8,000 monthly 10Gbps = \$12,000 monthly	1Gbps = \$12,000 annually* 10Gbps = \$24,000 annually* *future plans to move to monthly	\$500 monthly per 0.5Mbps increment, based on bandwidth subscription to CME Group.
Minimum Commitment Period	12 months	12 months	12 months	12 months	12 months	6 months
Availability	Customers who lease Licensed Space at the co-location facility.	Customers who lease space within the respective facility			International only	U.S. & International
Set-up	Must have Licensed Space at CME Group's co-location facility. Complete paperwork. Connectivity between the CME GLink access switch and the customers Licensed Space uses an equidistant cross connect to ensure location neutrality.	Either cross connect to CME Group via leased space within the respective facilities or have circuit delivered to CME designated patch panel. Contact CME Group with request and specific process requirements.	Cross connect to CME via leased space within the Equinix, Secaucus data center. Contact CME Group with request and specific process requirements.	Lease access to CME Group-specified colocation facilities. Manage implementation of circuits and equipment. Contact CME Group with request and specific process requirements.	Lease access to both data centers in the respective cities where applicable. Manage implementation of connections from a CME Group-authorized carrier. Contact CME Group with request and specific process requirements.	Have a secure Internet connection and Cisco router.
Best Suited for Clients Who:	Customers that have in-house network expertise and manage their own carrier and network relationships					<ul style="list-style-type: none"> Prefer to manage their own CME Globex connection Have in-house network expertise Use Cisco routers Feel comfortable using internet connectivity for production activity Need back-up production access
CME Group Authorized Carriers/vendors	CME-provided cross connects included in monthly recurring cost	Vendor neutral data centers	Vendor-neutral data centers	Equinix, Telx, SAVVIS & DRT/ Open	Contact Infrastructure Services for authorized carriers	Tier 1 Internet provider

* Customers are responsible for their own redundancy.

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