



ICE TRADING SYSTEM CONNECTIVITY OPTIONS

DESCRIPTION	ICE NET	ICE HUB	COLO	MANAGED SERVICE PROVIDER
DEFINITION	ICE Net is the general all purpose means where customers can leverage existing Internet connectivity to access ICE using WebICE's native encrypted data messaging at no additional cost	ICE Hub offers our customers the ability to set up point-to-point connections to ICE's Data Center via the ICE Hub facilities	ICE COLO gives customers the opportunity to host equipment and/or order circuits and managed service provider cross-connects adjacent to the ICE trading system	Managed service providers allow customers the opportunity to choose from ICE preferred providers to connect to the ICE trading system
ACCESS	WebICE, ICE certified APIs, all ICE certified ISVs	WebICE, ICE certified APIs, all ICE certified ISVs	WebICE, ICE certified APIs, all ICE certified ISVs	WebICE, ICE certified APIs, all ICE certified ISVs
CAPACITY & BANDWIDTH	Based on client Internet connection	100Mbps or 1000Mbps Ethernet	N/A	Based on client Internet connection provider
REDUNDANCY	Dependent on client connection to Internet. Can be mixed with other ICE Connection offerings.	Circuit and carrier diversity available. Can be mixed with other ICE Connection offerings	Site Redundancy	Circuit and carrier diversity available. Can be mixed with other ICE Connection offerings
MANAGEMENT	Customer Managed	Customer managed to Hub, ICE manages hub facility connection to trading system	ICE Managed	Not managed by ICE
COST	No cost, outside of existing customer Internet connectivity costs	\$750 monthly (per port) \$2000 one-time install (per port)	TBD	No ICE fees. Customer pays all fees to service provider.
AVAILABILITY	Worldwide	Select locations worldwide	Chicago and Atlanta	Subject to provider
SET-UP	Automatic once an ICE User ID is set up	Customer contacts ICE with request for service; customer is required to provide router at customer location	Customer contacts ICE with request for service ordering and installation	Customer contacts managed service provider directly for service