

## Real-Time Market Data Feeds

### Level 1

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The level 1 market data feed is a real-time broadcast feed service that includes all trades and bid/offer information for securities traded on the CSE. The feed also contains bulletins, market summaries and statistics.

Recommended bandwidth: 3 Mb/s for Level 1  
Standard Canadian fixed field length protocol

TCP/IP broadcast protocol

### Level 2

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The level 2 market data feed is a real-time broadcast feed service that includes all committed orders and trades for securities traded on the CSE. Vendors may create a number of different market depth displays using this feed, including market-by-order, market-by-broker and market-by-price services.

Recommended bandwidth: 9 Mb/s for Level 2  
Standard Canadian fixed field length message body and tag-based message headers

TCP/IP broadcast protocol

Both feeds are available between the hours of 4:30 AM and 6:00 PM Eastern Time. For technical specifications, please contact us.

### Connectivity

The CSE has two hosting facilities. Clients are responsible for making arrangements for access to the CSE data gateways. In order to service all of our clients, the CSE supports several different methods of connectivity including cross-connects, extranet providers and Point-to-Point presence.

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### Pricing

There is no charge to receive the market data feed(s), however end-user fees may apply for market data consumption. For more information, please contact us.