Boston Technologies Advanced Bridge (MT4 ⇔ MT4)

Boston Technologies MT4 – MT4 bridges are connections between two MetaTrader 4 servers that allow one broker to unload all the risk on another broker while keeping a large share of the commission and the spreads. These bridges allow a broker to submit trade requests directly to a larger broker of its choice rather than putting the trade against the first broker's own funds. The broker can charge the trader a commission and/or higher spreads as usual.

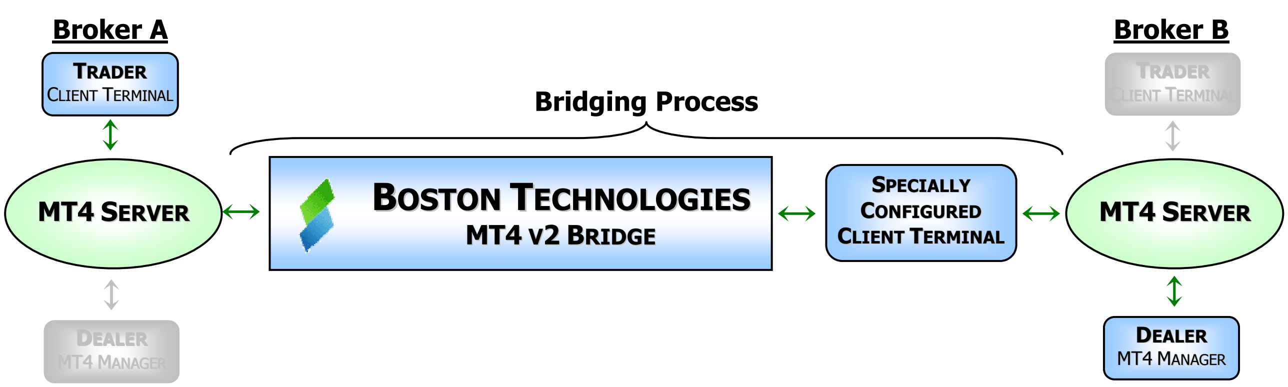
How do MT4-MT4 Bridges work?

To understand an MT4-MT4 bridge, one must first understand a MetaTrader 4 trading process *and* standard Boston Technologies bridges. Please read our basic MT4 bridge product page before continuing.

Sometimes a client creates a trade that is too risky, too large, or not acceptable to the broker. An MT4-MT4 Bridge by Boston Technologies can help a broker avoid the trades that he or she does not feel comfortable accepting or rejecting. When you purchase an MT4-MT4 bridge, you are purchasing more than just a piece of software. You are purchasing an entire bridging *process* that must be specially configured.

Here's how it works: Assume Broker A is worth $10,000,000. Assume Broker B is worth $100,000,000. Rather than pay a commission to a bank, Broker A may prefer to place trades against the funds of Broker B. Follow the illustration below:

1) A client trader of Broker A makes a trade. (Inherent in the trade is a commission charged by the broker.)
2) The trade is sent to the MT4 server for routing (as usual).
3) Rather than using the human dealer, the MT4 server routes the trade to the bridge, and the bridge *re-routes* the trade to a new, specially configured client terminal (SCCT).
   - It is configured to receive commands from the bridge and send responses back.
   - It has its own account with Broker B for trading.
   - No human being must intervene in the trade.
4) The SCCT places the requested trade with Broker B.
5) Broker B's MT4 Server routes the trade to a Broker B dealer.
6) The dealer responds with accept, reject, or re-quote.
7) The answer is routed through the MT4 Server to the SCCT.
8) The bridge waits for the answer. When the SCCT receives the response, the bridge simply routes that answer through Broker A's MT4 Server and to the client.



As you can see, there are no banks involved, so all the money exchanged stays between two private entities. **Most importantly, Broker A makes a commission while unloading the risk on Broker B.**

To optimize performance of the process, the bridge and SCCT should be installed on the same system on which the MT4 Server is installed. Execution times are very fast when this model is followed (less than 100ms).

Features and Construction

Each bridge is specifically developed with the client's personal needs in mind. Boston Technologies will customize your bridge for a specific currency, connection to a specific broker, or any other necessary component as requested. The bridges are built in Java and provide:

- Full logs of all transactions for security and redundancy.
- Support of Instant Orders, Market Orders, Pending Orders, Order Modification, Take Profit, Stop Loss, and Delete Order.
- Encrypted communications with the opposing broker via a VPN, SSL, or certificate protected connection.
- Easy-to-navigate graphical user interface (GUI).
- Support for multiple bridges on a single MT4 Server.
- Full reporting of the entire bridge trading activity in a universal format.
- Scheduled tasks (connect/disconnect, reporting, etc.)

Boston Technologies can tailor MT4-MT4 bridges that have all the necessary elements for your brokerage at a very reasonable cost. Please contact sales@bostontechnologies.com to receive more detailed information suited specifically for your organization.

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