Algo-Logic PTRC is:

- The newest addition to Algo-Logic’s Ultra-low-latency systems for accelerated finance.
- Offers deep sub-microsecond latency from Client Order Received to Valid Order Sent to Exchange.
- Is easy to use and has a secure Graphical User Interface to control parameters of Risk Checks.
- Provides Standard Rule 15c3-5 Risk Checks that are available immediately.
- Produces custom, Broker specific Risk Checks quickly under a Professional Services Agreement.
- Is significantly faster than software-only solutions.
- Yields a deterministic performance with deep sub-microsecond latency.
Examples of Equity Order Risk Checks

<table>
<thead>
<tr>
<th>Examples of Equity Order Risk Checks</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Order Quantity</td>
<td>Total Qty of shares &gt; Max Order Qty</td>
</tr>
<tr>
<td>Maximum Order Value</td>
<td>Total Value of Order &gt; Max Order Value</td>
</tr>
<tr>
<td>Max Range Share Price - Last Order</td>
<td>Order Share Price is greater than x% or less than x% of Last Order</td>
</tr>
<tr>
<td>Max Share Price - NBBO/BBO</td>
<td>Max Order Share Price &gt; Current NBBO/BBO</td>
</tr>
<tr>
<td>Min Share Price - NBBO/BBO</td>
<td>Min Order Share Price &lt; Current NBBO/BBO</td>
</tr>
<tr>
<td>Allowed to Short</td>
<td>Order Symbol is not on Easy to Borrow List</td>
</tr>
<tr>
<td>Restricted Stock List</td>
<td>Order Symbol is on the Restricted Stock List</td>
</tr>
<tr>
<td>Throughput Limit - Max Order/sec</td>
<td>Order rate &gt; Max Orders/second</td>
</tr>
<tr>
<td>Breach Risk Max Risk Check fails</td>
<td>Risk Check Failures Greater than Max Risk Check Failures allowed</td>
</tr>
</tbody>
</table>

Example Configuration 1: Nasdaq PTRCs on ALVEO U200 FPGA Card

- Preconfigured Dell R740 Server
  - Chassis with GPU Risers
  - Configuration with ALVEO U200
- PTRC License from Algo-Logic
  - FPGA bitstream Gateware
  - Graphical User Interface

Example Configuration 2: CME Risk Checks on Cisco/Exablaze V5P FPGA Card

- Preconfigured HP Server
  - Chassis with GPU Risers
  - Configuration with ALVEO U200
- PTRC License from Algo-Logic
  - FPGA bitstream Gateware
  - Graphical User Interface

Supported Exchanges

- London Stock Exchange
- NYSE
- Nasdaq
- Cboe
- Tokyo Stock Exchange

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