

Pifico Financial Services

STBridge

**Java Bridge to
SmartTrade COM
&
FORTS Options Board**

2009

Title:

STBridge.

Description:

Java Proxified RMI Server bridge to SmartTrade COM / NET & FORTS Option Board.

Capabilities:

- * alive watch and automatic reconnection to SmartTrade COM / NET;
- * Smart Trade automatic launch/kill during execution;
- * data caching and aggregation;
- * independent multithread event model;
- * local multiclient support (Java API);
- * remote multiclient support (RMI API);
- * bidirectional password protected firewallable RMI protocol;
- * local and remote logging via internal and Log4J facility;
- * internal SmartTrade COM / NET bugs transparent fixing;

Components:

- * JacoZoom com2java DLL and Java classes;
- * FORTS options board client;
- * local Java COM Wrapper API;
- * remote Java RMI Client API;
- * RMI Server for SmartTrade COM / NET;
- * remote Log4J RMI Server Logger;
- * Smart Trade launch/kill/manage scripts by Auto It tool;
- * project code and Java Doc documentation build scripts.

Requirements:

- * for building:
 - o Java JDK >= 1.6
 - o Ant >= 1.6
- * for execution:
 - o Java JRE >= 1.6
 - o Smart Trade with stcln.dll >= 5.2

Download available at:

- * Binaries: <http://private.pifico.com/public/STBridge/binary>
- * Sources: <http://private.pifico.com/public/STBridge/source>

Other resources:

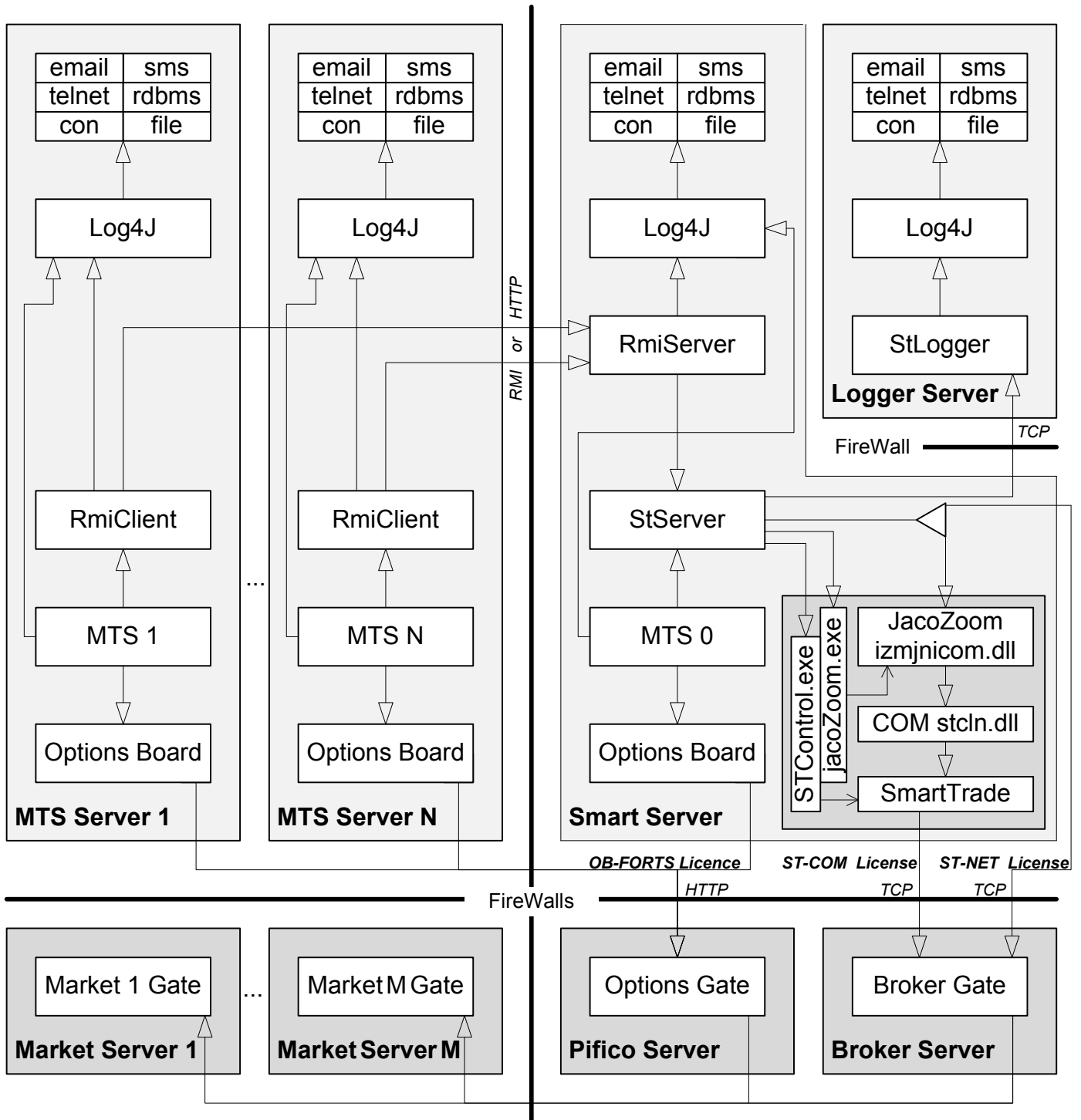
- * Issues: <http://code.google.com/p/stbridge>
- * JavaDoc: <http://private.pifico.com/public/STBridge/javadoc>
- * SVN: <svn://svn.pifico.com/public/STBridge>

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Architecture View Diagram



Notes:

- RMI* - network protocol; - API usage; **ST COM** - required license; - run & GUI actions;
- non Java environment; - Java environment; - component; - FireWall; - selector;