

Platts on the Net

Configure Platts on the Net for a Firewall or Proxy Server

Firewall

Platts on the Net makes OUTBOUND connections only via ports;

- 80 (HTTP: Used for web browsing – locale XML transfer and chain requests; permsurl; web services, web pages)
- 443 (HTTPS: Secure Socket Layer – Yperms authentication)
- 1838 (TALIPC: Recos, Tradesrvs, News servers)

RealTick with SSL Tunneling

Tunnels' port 1838 data connections through port 443 which is handled by the client's proxy server (HTTP/HTTPS).

If required, the tunneling keys can be configured in the user's tal.ini file as shown below:

```
Auto-Detect Setting Configuration: [TALIPC
Port=443
SSLTunneling=Y
Hard-code Setting Configuration: [TALIPC
Port=443
SSLTunneling=proxyserver IP address or name:port
Example: SSLTunneling=XYZproxy:8080
```

IP subnets used by TAL must be 'whitelisted' at the firewall level and in some cases proxy server level. This can also be done by domain name:

- *.taltrade.com
- *.realtick.com

It is not necessary to configure these ports for inbound connections from the servers POTN Server IP Sub-net Addresses.

Chicago	New York	Europe
63.75.60.*	63.160.212.*	(Frankfurt Pop) 62.67.224.*
63.75.61.*	63.160.213.*	(Frankfurt Pop) 193.254.198.*
63.75.62.*		(Milan data center) 217.118.156.*
63.215.120.*		
198.207.140.*		

Notes:

1. Must be able to connect to the internet
2. Broadband connection with consistent ping times less than 200 ms
3. Internet Explorer version 8.
4. For Internet Explorer version 9, extra steps are needed. Please contact support@platts.com for more details

Executable files

RealTick's executable files must be recognized as Internet Enabled applications. These applications are typically found on the 'Programs' tab in either of these common personal (end-user software-based) firewalls.

These files are:

- rt332.exe
- ypermcache.exe

Proxy Server(s)

- POTN uses ports 80, 443 and 1838 to connect to three (3) servers simultaneously; data, news and trading, and returns traffic on the same connections.
- For Windows 2000 and XP operating systems POTN uses the proxy settings in the Internet Explorer browser application found in Tools->Internet Options->Connections->LAN Settings.
- POTN will automatically send port 80 and 443 (http and https) to an http proxy server. Port 1838 traffic should go directly to the internet.

PC Specifications

Hardware Requirement: System Requirements	
Internet Connection	Broadband* Speed consistently under < 200ms Maximum 3 Realticks per T1
System	Realtick runs on commercially available PC hardware, best available recommended. (Minimum recommended: Dual-core CPU, 2 GHz, 2 GB RAM, Hard Disk: 10 GB, free space recommended; Monitor: SGA or with resolutions better than 1920 x 1080)
Operating System	Windows XP, Vista or Windows 7

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