HTML5 Client: Supported Browsers

If your browser shows red warning on start by using HTML5 client

It means that your browser does not support Websockets or your browser does not support Canvas.
Such browsers that do not support these technologies are IE6, IE7, IE8, IE9 and need FLASH to emulate these features.

Browsers supporting Websocket and Canvas

Browsers	Canvas	Websocket
FireFox	Full	Full starting with version 4
Chrome	Full	Full in most known versions on PC's
Opera	Full	Full in newest versions
IE6	Flash	Flash (emulated and no proxy support)
	Flash	XHR (with proxy support)
IE7	Flash	Flash (emulated and no proxy support)
	Flash	XHR (with proxy support)
IE8	Flash	Flash (emulated and no proxy support)
	Flash	XHR (with proxy support)
IE9	Flash	Flash (emulated and no proxy support)
	Flash	XHR (with proxy support)
IE10	Full	Full
Android native	Full	XHR
Opera mobile	Full	Full in newest versions
Firefox mobile	Full	Full
Safari mobile	Full	Full in newest versions up iOS4, else emulated via XHR

Also see: What's the difference between websockets and XHR?

If your browser automatically reloads the pages to HTTPS address

It means that Websockets transport is not supported. This is the case on several Android native mobile browsers.
It is due to the fact that the browser automatically switches to XHR transport.

But because this transport layers on long distances with HTTP protocol, each request creates new connection. It is very slow and unstable to create new connections (up to 20 new connections per second), therefore to avoid this instability the program is conceived so that the page reloads automatically to HTTPS address to enforce HTTPS connection.

Physically you also get mostly persistent secured connection and much more stable on long distances. So the logic of browser reuses already established SSL connection instead of creating a new connection like by the use of HTTP

protocol.

This behavior can be changed by the following option on the setting.js file located in the TSplus program folder under this path: Clients\www\software\html5\settings.js:

```
forcesslforxhr = false;
```

But it is absolutely not recommended to disable the use of SSL in XHR mode.

*If you do not have a file named "settings.js" in the "C:\Program Files (x86)\TSplus\Clients\www\software\html5" folder, then your TSplus version is older and this documentation does not apply. Please update your system first or contact support.