New T7 Web GUI - FAQ

Access

Q: *What do I need to do to access the new T7 Web GUIs?*

A: You will need to get a client certificate for “T7 Web App” from the DBAG Member Section. These client certificates are required for Simulation and Production, for Internet access as well as for leased line access.

In case of leased line connectivity make sure that routings have been updated and firewalls were opened for the T7 Web GUIs.

In case of Internet verify your Proxy and firewall settings.

See the T7 Web GUI Connectivity Guide and the N7 Network Access Guide for details.

After that, just point your web browser to one of the T7 Web GUI URLs to access the T7 Web GUI of your choice.

Q: *Do I need new user accounts for the T7 Web GUIs?*

A: No. The T7 Web GUIs are just another front end to the T7 trading system. All accounts, all users, all passwords, all entitlements, all roles remain exactly the same.

Client Certificates

Q: *Do I need a client certificate for both Internet and N7 leased line connections?*

A: Yes, a client certificate is needed when connecting via N7 leased line, the same it is needed when connecting via Internet. Reason: the java-

based GUI had an SSH key “baked into” the client application for N7 leased line. In a browser-based GUI this can’t be done. That’s why the user must provide a client certificate for N7 leased line.

Q: *Are client certificates for individual traders or company wide use?*

A: Both is possible. Any client certificate can be used either company wide, or per individual trader account. For security reasons it is recommended to create a client certificate for each user. But the decision is ultimately up to the user.

Q: *My client certificate is not working, what could be the reason?*

A: All Web GUI client certificates have several parameters baked into them:

- A client certificate created for Internet access cannot be used for N7 leased line access.
- A client certificate created for Simulation cannot be used for Production.
- A client certificate created for one market cannot be used for another market.
- A client certificate created for one MemberID cannot be used to login with another MemberID.

Q: *How long are client certificates valid?*

A: T7 Web GUI client certificates can be created with a validity of either one or two years in the DBAG Member Section.

Q: *My browser is asking me to select my client certificate each time I access the T7 Web GUI. Can I make my selection permanent?*

A: Different browsers handle the management of client certificates differently. Microsoft Edge and Google Chrome access the certificate storage of the underlying operating system, while Mozilla Firefox manages its own certificate storage.

As of now Mozilla Firefox is the only one of these three browsers, which allows to store an “authentication decision” permanently.

Window Layout and Profiles

Q: *Will my window layout from the old java-based GUI be converted to the new browser-based GUI?*

A: No, unfortunately the GUI profile including the screen layout cannot be converted from the older java-based GUI to the new browser-based GUI.

Still, all user specific data, from password to transaction size limits, is stored in a central T7 back-end database and will always be the same, no matter which GUI is used to access T7.

Q: *As there is only one profile including the window layout and since that layout is saved automatically upon logout, how can I prevent any temporary or inadvertent change of my layout to be saved permanently?*

A: Changes to the screen layout are saved upon logging out by using the dedicated User Logout function from the top right persona menu. If the user has made changes to the layout which should not be saved, just close the browser window without using the dedicated logout function from the persona menu in the top right corner.

Browser Compatibility

Q: *Which browsers are compatible with the T7 Web GUIs?*

A: DBAG tests the T7 Web GUIs with Microsoft Edge, Google Chrome and Mozilla Firefox. All browsers should be recent (at least version 128.0). For security reasons it is recommended to keep browsers updated regularly.

Other browsers are not tested, but considered compatible, like Apple Safari.

Q: *Are there any browser settings which could influence the operation of the T7 Web GUIs?*

A: All modern introduced features to reduce updates of browser windows or tabs which are in the background (not actively displayed). These features interfere with the built-in heartbeat function of the T7 Web GUIs. It is recommended to turn off these features when running the T7 Web GUIs.

Network Access, Internet and N7 leased line

Q: *How can I access the GUI interface?*

A: Use the given link from the documentation to open the GUI Interface. Users of the Web GUI are expected to store the links as bookmarks in their browser. There are no dedicated landing pages anymore.

Q: *If a client decides to access the new GUIs via our existing leased line connectivity, is it possible to block all internet access for the client´s login IDs? (aim is to prevent that an employee is emailing a certificate to his/her private email account and logging in from the personal device)*

A: Currently it is not possible to limit Internet access to a set of whitelisted IP addresses or to disable Internet access completely.

Internet access can be prohibited by not creating any client certificates for Internet access at all.

Deutsche Börse is currently evaluating to add the feature of limiting Internet access to a set of whitelisted IP addresses. This feature may be added at a later date.

Q: *Are the new browser-based GUIs compatible with mobile devices like phones or tablets?*

A: The new browser-based GUIs were designed with a computer monitor in mind. The layout is likely not feasible for use on smartphones. Tablets with sufficient screen real estate are possible if client certificates can be installed into the browser on the tablet. Usage on tablets is not part of the formal testing performed by Deutsche Börse.

Q: *Are new ports or protocols required by the T7 Web GUIs compared to the Java based GUIs?*

A: No. The T7 Web GUIs use the same TCP/IP ports as the java-based GUIs. The network protocol websocket is the same as well.

Comparisons java-based GUIs vs. web-based GUIs

Q: *Do the java-based GUIs and the browser-based GUIs differ in the functionality offered?*

A: No. The browser-based GUIs change the technology but not the functionality. The goal is to create new modern browser-based GUIs while

maintaining the full functionality of the java-based GUIs. Only technology changes, not functionality.

Q: *How compare the resource requirements of the new browser-based GUIs with the java-based GUIs?*

A: Both types of GUIs use the same network communication protocol. The requirements on network bandwidths are expected to be the same.

Without the overhead of the Java runtime the demands on client computer CPU and memory are expected to be comparable to or less than the java-based GUI.

Miscellaneous

Q: *Will the new browser-based GUIs be available for the German Stock Exchange (GSE) markets (Düsseldorf, Hamburg, Hannover).*

A: Yes, the new browser-based GUIs will be available for all markets on T7 including the German Stock Exchange (GSE) markets. As the GSE markets don’t use the Clearer GUI, the GSE markets will become available with the T7 Web Admin GUI in 2026.