GBX Financial - Standalone Installation

Package Version	Document Date
15.7.0.69	March, 2024

For those clients who prefer not to launch GBX Financial through Java WebStart, BGC Group provides standalone Windows installation. Installation is done by running executable file **gbx-financial-setup-.exe**, which sets up either GBX Credit or GBX Rates software onto the desktop.

Installation procedure

Installation procedure provides series of screens where user selects desired options. Each screen may contain buttons "Next >" and "< Back" which allows to move to next or previous screen. At any time user may exit installation by pressing "Cancel" button. Screen title contains version of the current Installer.

"Welcome" screen

This is information screen which indicates that installation process started.

GBC Setup - GBX Financial 15.7	.0.69	_		×
	Welcome to the GBX Financial S This will install GBX Financial on your computer. step by step through the installation. Click Next to continue, or Cancel to exit Setup	. The wizard		_
		Next >	Car	ncel

"Installation Type" screen

This provides a list of pre-configured environments to use GBX Financial with. Typically, clients connect to production server for normal business process. Depending on the market flavor select either "PROD - GBX Rates" or "PROD - GBX Credit" option to configure application for such use.

Clients who want to participate in UAT testing of future version should select one of the "UAT - Staging" options. In this case application will be configured to connect to UAT, or "Staging", server.

GBC Setup - GBX Financial 15.7.0.69	_		\times
Installation Configuration What kind of GBX Financial configuration do you want to use?			
Configuration type:			
PROD - GBX Rates			
O PROD - GBX Credit			
O UAT - Staging 1 (GBX Rates)			
O UAT - Staging 2 (GBX Rates)			
O UAT - Staging 4 (GBX Credit)			
OUAT - Staging 5 (GBX Credit)			
 Custom (use only if explicitly instructed) 			
env name:			
< Back	Next >	Ca	ancel

"Destination Directory" screen

This dialog allows to select directory where GBX Financial launcher will be installed. This example assumes the user has selected PROD - GBX Rates.

GBC Setup - GBX Financial 15.7.0.69	_		×
Select Destination Directory			
Where should GBX Financial be installed?			
		_	_
Select the folder where you would like GBX Financial to be installed, then click Ne	xt.		
Destination directory			
C:\Users\username\GBX\GBXRates	Bro	owse	
Required disk space: 119 MB			
Free disk space: 168 GB			
< Back N	ext >	Can	icel

"User logs and setting" screen

When running GBX Financial writes logs into predefined location. This dialog allows to override it.

Environment variables	
You can specify Window environment variables in directory name. Variable must be enclosed in curly braces, e.g. {MY_VAR} - not with percent signs, e.g %MY_VAR%.	
630€ Setup - GBX Financial 15.7.0.69 — □ ×	
GBX Financial user logs and settings location Specify root directory for GBX Financial logs and settings	
By default GBX Financial stores logs and settings under user profile directory.	
On this computer it would be C:\Users\username	
and corresponds to the value of %USERPROFILE% environment variable on Windows.	
Override default location	
Browse	
Overridden location examples:	
 Absolute local directory C:\Users\jsmith\AppData\Local Windows environment variable enclosed in <i>curly braces</i> (LOCALAPPDATA) Combination of environment variable and directory name {TEMP}\mylocaldir 	
< Back Next > Cancel	

"Connection Settings" screen

This allows to override default connection settings during installation process. This example assumes the user has selected PROD - GBX Rates. The messaging data server value varies depending on what the selection is. For instance,

PROD - GBX Rates	msg-rates.gbxfinancial.com
PROD - GBX Credit	msg-fi.gbxfinancial.com

GBC Setup - GBX Financial 15.7.0.69		_		×
Network Connection Settings Customize connection settings				
Messaging Data Server (host[:port])				
msg-rates.gbxfinancial.com				
Connection type				
 SecureConnect (default port: 443) 				
◯ TCP (default port: 12606)				
Proxy Settings for SecureConnect				
Default Proxy				
O No Proxy				
O Custom Proxy (host[:port])				
Override BAS URL				
	< Back	Next >	C	ancel

"Information" screen

GBV Setup - GBX Financial 15.7.0.69	_		×
Information Please read the following important information before continuing.			
When you are ready to continue with Setup, click Next.			
If application is being reinstalled, settings may not be taken into effect. They values from connection.properties file which can be found under us settings location directory. For example: C:\Users\jsmith\GBX\GBX\gbx\connection.properties. This first run of eTrading. Installer is not aware of exact location of connection.properties file.	ser logs a	and	ľ
< Back	Next >	Ca	ancel

GBX Financial launcher allows to override connection settings

At the end of setup Installer saves connection settings in a presumably read-only ***.vmoptions** file. GBX Financial launcher allows to override those settings but keeps them in writable ***connection.properties** file. Since the Installer is unaware of this file, ***connection.properties** remains unchanged between re-installations. This can be confusing for the user, since she expects to see installation settings. If so, please delete ***connection.properties**.

"Installation Completed" screen

This is final screen informing that installation was done.

GBC Setup - GBX Financial 15.7	.0.69 — 🗆	\times
	Completing the GBX Financial Setup Wizard	
	Setup has finished installing GBX Financial on your computer. The application may be launched by selecting the installed icons. Click Finish to exit Setup. Run GBX Financial now 	
	Fini	sh

Clicking on "Finish" button with "Run GBX Financial now" checked launches GBX Financial login dialog

CEP(GBX	_	×
Username: Password: Password: Auto-login on this PC Auto-Launch on Windows startur Connection Settings Connection Settings Consolidated Credit & RATES MARKETS	ts reserved	

Launching GBX Financial

GBX Financial Launcher will show as a program in "GBX Financial" group of the Windows Start menu



snip

Updating bundled JRE

GBX Financial is a java application and requires **Java Runtime Environment (JRE)** present to run. The GBX Financial installer automatically deploys bundled JRE. The JRE can be found under **<installation directory>\jre** directory. Note, that other applications will not be able to use such a JRE.

📙 🔄 🔜 👻 GBXRates							
File Home Share View							
Pin to Quick Copy Paste Access	Move Copy to v to v	New folder New item ▼	Properties	Select all Select none			
Clipboard	Organize	New	Open	Select			
\leftarrow \rightarrow \checkmark \uparrow \square \rightarrow This PC \rightarrow OSDisk (Ci) > Users > psavenko > GBX >	GBXRates					
✓ 📙 GBX		^ P	Name		Date modified	Туре	Size
✓ 📙 GBXRates			install4j		9/28/2023 11:54	File folder	
.install4j			, jars		9/27/2023 17:21	File folder	
jars			🔒 jre		9/28/2023 11:54	File folder	
🗸 📊 jre 🗲			🕀 gbx-financial.exe		9/27/2023 17:21	Application	268 KB
> bin	Bundled J	RE [gbx-financial.vmoption	s	9/28/2023 11:54	VMOPTIONS File	1 KB
> lib	Sundicusi		ReadMe.txt		9/28/2023 11:54	Text Document	2 KB
		F	👿 uninstall.exe		9/27/2023 17:21	Application	367 KB

It is possible to manually update bundled JRE after installation. This can be done using any of the following ways.

Replace bundled JRE directory contents

It requires to replace the contents of <installation directory>\jre directory with another JRE.

PROS: This JRE version is available only to the GBX Financial launcher. Other existing JRE's on the system are fully masked.

Delete bundled JRE directory

It requires to delete the **<installation directory>\jre** directory completely. This assumes presence of another JRE on the system. Upon GBX Financial launcher startup JRE's will be searched in the following order:

- 1. Windows registry and standard locations.
- 2. Environment variable JAVA_HOME.
- 3. Environment variable JDK_HOME.

If no JRE was found, the GBX Financial launcher fails to start.

PROS: This allows to update JRE in a central way for all java applications.