COMMERZBANK

Commander

Technical Documentation

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1   Overview

Commander is our premier tool for integrated FX trading. A powerful and user-friendly platform, which allows you to trade, place and manage orders and review your transaction history – all in one place.
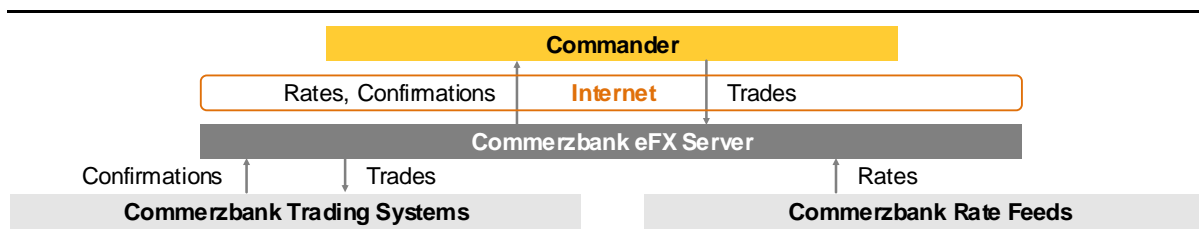
Commander handles spot, forward and swap trades for more than 150 currency pairs using real-time prices. These trading pairs are instantly available to trade in pre-defined amounts – with optional one-click trading – alternatively you may request a price online.

Key features of Commander:

- Spot, forward and swap trades
- One-click trading for more than 150 currency pairs
- Auto-execution and request for quote
- Supports a broad range of orders, including take profit, stop-loss, OCO and if-done orders
- Access to our research, providing our outlook on FX trends and our highly-regarded emerging market analysis
- Straight-through processing
- 24-hour global, professional multi-lingual support
- No set up costs and no monthly charge

2 Architecture

Commander integrates Commerzbank's trading systems and rate feeds and makes it available to clients via the Internet. The following diagramm shows how the different systems work together in this environment:

Commander is a state of the art electronic trading platform utilising leading secure technology. All communication is done securely via Unlimited Strength 128 bit Cryptography (US Domestic). Authentication is performed with digital certificates against Commerzbank's directory service removing the ultimate requirement for insecure usernames and passwords.
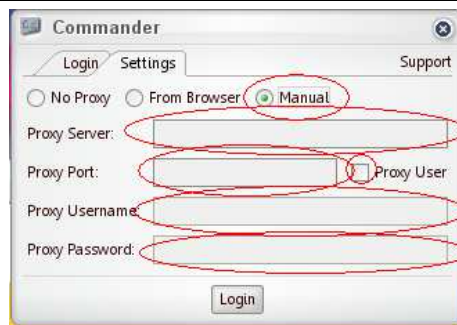
Technical Requirements

The technical requirements for the Commander client applications are:

- Window XP SP2 and above – Apple OS not supported
- 1GB RAM
- Internet connection (directly or via http-proxy) with 512kbits available bandwidth.
- CPU – P4 or above

The following IP adresses need to be accessible by the Commander Live application:

(Fronting Server)	(London Servers)	(New York)	(Tokyo)
195.42.236.218	62.129.126.221:443	193.108.158.113:443	193.108.192.43:443
195.42.236.71	62.129.126.222:443	193.108.158.114:443	193.108.192.44:443
195.42.236.73	62.129.126.225:443	193.108.158.117:443	193.108.192.45:443
195.42.236.74	62.129.126.226:443	193.108.158.118:443	193.108.192.46:443

The correct details need to be input here:

3   Installation

Downloading your Commander Certificate

- To download the Commander software first obtain your certificate from:
  https://digitalcertificates.commerzbank.com/request

- Enter your email address only, click "continue"

- Select <your name> - Commander

- Enter a temporary password (12345678 for example)

- Check your inbox for an email sent from:
  "Commerzbank [esupport@commerzbank.com]" with the Subject "Commerzbank Digital Certificate"

- Within the email there will be a link, which will lead to this webpage (see screenshot above):

- Enter your temporary password and click "continue"

- Answer "Yes" to any pop-up and you will receive a message saying

- "Your certificate has been installed"

Installing the Commander Software

Click on the following link for the demo version:
https://commander.commerzbank.com/commander_demo/

Following links are for the live version:

Webstart:
https://commander.commerzbank.com/webstart/
Note: Commander Webstart will only work if you use a Java version 1.7.0_40 or lower

Download Installer:
https://commander.commerzbank.com/commander

- Select "Download Installer" on the left, and when prompted, click RUN.

- Follow the prompts and accept the defaults. When the installation has finished you will have an icon on your desktop and under your programs menu.

Completing the Installation

- On your desktop, click on the Commander icon:

Commander

- The login window will appear:

- If you want to login with a password you need to click onto the Change button next to the password field. The confirmed password will be used on the login screen and you need to enter it on each start of Commander
- Select "Login" and the software will connect to our systems.
- Once you have correctly logged in you will see streaming prices for EUR/USD, GBP/USD and USD/JPY.

4   Trading hours

FX:

	NY (GMT-5)	**LON(GMT)**	**SIN(GMT+8)**
Market open	17:30 Sunday	22:30 Sunday	07:30 Monday
Market close	17:00 Friday	22:00 Friday	07:00 Saturday

Markets may be closed at any time at traders' discretion.

5 Open Source License Information

Open source licence information

Product	Version	License	Project Homepage
commons-beanutils.jar	1.7.0	Apache License	http://jakarta.apache.org/commons/beanutils
commons-logging.jar	1.0.4	Apache License	http://jakarta.apache.org/commons/logging
log4j.jar	1.2.8	Apache License	http://ant.apache.org
poi-2.5.1-final-20040804.jar	2.5.1	Apache License	http://poi.apache.org/
Forms.jar	1.0.6	jgoodies	www.jgoodies.com

6   Contact details

eFX Support

Please contact the eFX Support for production application support or phone us 24 hours Mon-Fri:

Germany:	+49-69-136-84500	(esupport@commerzbank.com)
United Kingdom:	+44-20-7475-4500	(esupport@commerzbank.com)
United States:	+1-866-672-8355	(esupport@commerzbank.com)
Singapore:	+65-6311-0175	(esupport@commerzbank.com)
Japan:	+81-35400-4917	(esupport@commerzbank.com)