

Eurex Repo / SecLend

Hardware and Software Requirements

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This manual provides a technical overview of the hardware and software required for the Eurex Repo / SecLend trading client. It details the system requirements and the supported software versions.

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1 Introduction

1.1 Preliminary Remarks

This document outlines the Hardware and Software Requirements to participate in the Eurex Repo and SecLend markets.

1.1.1 Configuration Proposals

We strongly advise discussing your configuration proposals with the Eurex Repo Technical Helpdesk before making a final decision on the hardware that you intend to purchase.

1.2 Changes since last Version

Since the previous version the following changes have been applied:

- Added Support of Windows 7 64-bit, Windows 2008 Server 64-bit, Windows Vista SP2 and Service Connector (SC & SC Proxy SCP)
- Removed Support of Windows XP SP2, Vista SP1, Java 1.6.0_06 and USP Proxy (Universal Service Processor)

1.3 Definitions & Abbreviations

Term/Abbreviation	Explanation
API	Application Programming Interface
CVI	Common VPN Infrastructure
GUI	Graphical User Interface
JDK	Java Development Kit
JRE	Java 2 Runtime Environment
PAPI	Participant Application Programming Interface
POA	Participant Own Application
SC & SCP	Service Connector & Service Connector Proxy
SCAP	SIX Swiss Exchange Common Access Portal
SP	Service Pack
VPN	Virtual Private Network

1.4 References

Reference & Document Title	Location
1 SCAP Connectivity Guide	SCAP - Common VPN Infrastructure
2 Eurex Repo Installation Guide	Eurex Repo Member Pages (using this link requires a Cisco VPN Connection to Production)

2 Hardware Requirements

2.1 Eurex Repo Application and Service Connector

The following are the minimum requirements:

	Trading Client GUI	Service Connector Proxy
Minimum Hardware Requirements		
Processor	Intel Core 2 Duo (recommended Intel Core i7 quad core)	Intel Core i3
Display	1280 x 1024 resolution 17" Monitor	No Display
Application		
Memory	1 GB	1 GB
Disk Space	200 MB	200 MB
Connection		
	Internet connection or Leased Line to the Eurex Repo System 128 Kbit/s (Minimal) 256 Kbit/s (Recommended) 512 Kbit/s (Throttled maximum)	

2.2 Requirements for POAs based on PAPI

There are no specific hardware recommendations for Participant Own Applications (POA) when connected to the Eurex Repo environments. It is the responsibility of the participants to determine the accurate hardware configuration.

3 Software Requirements

3.1 Eurex Repo Client PCs

Operating System	Run Time Environment	Application
Windows 7 – Professional 64-bit Windows XP SP3 – Professional Windows Vista Business SP2	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18	Internet Explorer V7 Trading Client GUI and Own Trade Extractor (OTX) V12.0.11 or higher

3.2 Eurex Repo POAs based on PAPI

Operating System	Run Time Environment	Application
Windows Server 2008 R2 64-bit Windows Server 2003 SP2 Sun Solaris 10 (Sparc) Windows 7– Professional 64-bit Windows XP SP3 – Professional Windows Vista Business SP2	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18 Java Development Kit 6.0 Update 18 means JDK 1.6.0_18	For PAPI V12.0.11 or higher

3.3 Service Connector & Service Connector Proxy

Operating System	Run Time Environment	Application
Windows 7– Professional 64-bit Windows XP SP3 – Professional Windows Vista Business SP2 Windows Server 2008 R2 64-bit Windows Server 2003 SP2	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18	Service Connector (just install) or Service Connector Proxy (install and start)
Sun Solaris 10 (Sparc)	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18	Service Connector (just install)

4 Product Cycles

- In the event of a mandatory production release, the new software version will be 'frozen' and made available to Membertest at least two weeks before the production live date. This allows participants to prepare their internal software distribution.
- Mandatory PAPI updates or changes are announced three months in advance.
- New patch levels of operating systems, e.g. Windows 8 have a migration period of three months during which both patch levels are supported.
- New versions of the Java Runtime Environment (JRE) will be announced six months in advance and comprise a migration period of at least three months during which both JREs are supported.
- In general SIX Swiss Exchange supports two operating systems for the period of a migration phase. New operating systems, e.g. Windows 8 have a migration period of six months during which three are supported.
- SIX Swiss Exchange will endeavour to adhere to the time spans for announcement and support defined in this document. However, SIX Swiss Exchange reserves the right to shorten time spans to reduce complexity, to avoid risk or to overcome any unforeseen exceptional complications. SIX Swiss Exchange will use reasonable endeavours to communicate any revised time spans as soon as SIX Swiss Exchange becomes aware of the need to reduce any time spans.

5 Security Policy

- SIX Swiss Exchange AG will generally make regular maintenance releases for the Trading Client GUI, the Own Trade Extractor, the PAPI or the Service Connector for the Eurex Repo Markets available to our clients at several points during the year. The maintenance releases contain improvements and changes that are necessary to close low and medium level gaps in security.
- Changes that are intended to close gaps in security in the Trading Client GUI, the Own Trade Extractor, the PAPI or the Service Connector that have been judged as critical by SIX Swiss Exchange AG will be made available in an acceptable time frame to our customers. These changes will be provided outside of the normal maintenance periods but are dependent on third party providers.
- The gaps in security refer solely to those that affect the Trading Client GUI, the Own Trade Extractor, the PAPI or the Service Connector. SIX Swiss Exchange will not deliver patches to either the Java Runtime Environment, the Cisco VPN Client or to the operating system as we are unable to guarantee a prompt delivery.