

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 Eurex 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 XP SP3 and Java 1.6.0_18
- New Hardware Requirements

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	Participants Own Application
SCAP	SIX Swiss Exchange Common Access Portal
SP	Service Pack
USP	Universal Service Processor
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 USP Proxy

The following are the minimum requirements:

	Trading Client GUI	USP Proxy
Minimum Hardware Requirements		
Processor	Intel Core 2 Duo (recommended Intel Core i7 quad core)	Intel Celeron 450
Display	1280 x 1024 resolution 17" Monitor	No Display
Application		
Memory	1 GB	512 MB
Disk Space	200 MB	1 GB
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	Middleware	Application
Windows XP SP3 – Professional	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18	Internet Explorer V6 Trading Client GUI and Own Trade Extractor (OTX) V10.4.x. or higher
Windows XP SP2 – Professional	Java Runtime Environment 6.0 Update 6 means JRE 1.6.0_06	Internet Explorer V6 Trading Client GUI and Own Trade Extractor (OTX) V10.2.7 and V10.3.6
Windows Vista Business SP1	Java Runtime Environment 6.0 Update 18 means JRE 1.6.0_18	Internet Explorer V7 Trading Client GUI and Own Trade Extractor (OTX) V10.4.x or higher
Windows Vista Business SP1	Java Runtime Environment 6.0 Update 6 means JRE 1.6.0_06	Internet Explorer V7 Trading Client GUI and Own Trade Extractor (OTX) V10.2.7 and V10.3.6

3.2 Eurex Repo POAs based on PAPI

Operating System	Middleware	Application
Windows XP SP3 – Professional Windows Server 2003 SP2 Windows Vista Business SP1 Sun Solaris 10 (Sparc)	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 V10.4.x or higher
Windows XP SP2 – Professional Windows Server 2003 SP2 Windows Vista Business SP1 Sun Solaris 10 (Sparc)	Java Runtime Environment 6.0 Update 6 means JRE 1.6.0_06 Java Development Kit 6.0 Update 6 means JDK 1.6.0_06	For PAPI V10.2.7 and V10.3.6

3.3 USP Proxy

Operating System	Application
Windows XP SP2 and SP3 – Professional Windows Vista Business SP1 Windows Server 2003 SP2	USP Proxy V3.5 and V3.6

4 Product Cycles

- In case of a mandatory production release, the new software version is '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 7 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 Server 2008 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 Contacts

Technical Helpdesk	
Zurich	T +41 58 854 2488
	F +41 58 854 2898
London	T +44 20 7864 4334
	F +44 20 7864 4333
Geneva	T +41 58 854 2028
	F +41 58 854 2898
	E-mail: techhelp@eurexrepo.com