Synerion Portfolio System Requirements

HRM Recruitment v2.3, Synerion Direct vQ4.12, Core HR v2.3

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Formerly Lavie TimeTech

Synerion

Evolving Human Resources into Human Capital

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1 Overview

This document itemizes system requirements necessary for the installation of:

- **HRM Recruitment** version **2.3**
- **Core HR** version **2.3**
- **Synerion Direct** version **Q4.12**

NOTE: For an installation involving more than one tenant, a dedicated server is required for the HCM installation. Additionally, this document is designed for installations on one tenant and up to two mail listeners. For installations involving more than one tenant and more than two mail listeners, you must refer to your Synerion contact for customized installation requirements.

2 Server Requirements

Component		Minimum	Recommended	Modules
Processor		Dual-Core Intel® Xeon® Processor 3.00 GHz	Quad-Core Intel® Xeon® Processor 3.33 GHz and higher	All
Memory (RAM)		4 GB	8GB[1]	All
Hard Disk		500 GB of free space (at least) [2] [3]		All
Additional Devices		TK HASP Dongle [4] [5]		All
Operating System		• MS Windows 2003 Server SP3 Standard (32-and 64-bit) • MS Windows 2003 R2 Server SP2 Standard (32-bit) • MS Windows 2008 Server Standard (32- and 64- bit) • MS Windows 2008 R2 Standard	• MS Windows 2003 Server SP3 Enterprise (32- and 64- bit) • MS Windows 2003 R2 Server SP2 Enterprise(32-bit) • MS Windows 2008 Server Enterprise (32- and 64- bit) • MS Windows 2008 R2 Server Enterprise	All
SQL Database SW		• SQL Server 2008 Standard Edition 32- and 64-bit, or • SQL Server 2008 R2 Standard Edition 32- and 64-bit • SQL Server 2012 Standard Edition 32- and 64-bit		All
	Storage	Data and log files can be in separate volumes	Data and log files should be in separate volumes	All

[1] When 8 GB is used, the operating system must be the Enterprise Edition.
[2] Additional disk space may be required according to the size of the customer's site.
[3] 500 GB is necessary in order to provide storage space for CV documents parser.
[4] The SafeNet run-time driver must be installed on the same computer hosting the application.
[5] If it is a network HASP, there is no need to be installed physically on the server.

	Database Parameters	1. Turn off Auto Shrink 2. Turn on AUTO_CREATE_STATISTICS and AUTO_UPDATE_STATISTICS 3. Page Verify - CHECKSUM	All
	Server Collation	Case Insensitive	All
	Additional SQL DB SW Components	• SQL Reporting Services	Recruitment only
	SQL Database License	There are 2 licensing options: • CAL license per user, or • CAL license per device – this option is based on the CPU core (amount) on the SQL Server number. **NOTE**: The second option is for an organization with a higher number of users.	
Default ANSI Code Page		1255 (ANSI – language according to the region of the client	Synerion Direct only
SSO Mode Requirements		• Active Directory • Delegation with Kerberos authentication is needed for certain accounts and computers • MSMQ - Active Directory Domain Services Integration.	HCM only (Recruitment, Organizational Structure, Employee File)
Additional Components	**Document Management Software**	• IFilter for Docx (download here) • IFilter for PDF (for 32-bit, download **here**, or **here** for 64-bit)	Recruitment only
	NET Framework	.NET Framework 4 Install Portable Class Library (download here)	All
	Mail Server	MS Exchange 2007 SP1 or 2010 or SMTP Server	Recruitment only
	Microsoft Visual C++ 2005 SP1 Redistributable Package ATL Security Update	For running a 32bit/64bit machine, download the **vcredist_x86.exe** file **here**.	Recruitment only

	Permissions	The user running Synerion products' services must be assigned to local admin permissions, and assigned to **SynerionHCMServerRole** in Synerion database.	All
	MSDTC	Distributed Transactions Coordinator Service must be running in all Synerion servers.	All
	Certificate	Synerion Setup includes a self-signed certificate. It can be replaced with a trusted publisher's certificate.	All
	Messaging Software	• Microsoft Message Queuing 3.0 (or above) [6] • Active Directory Domain Services Integration (only relevant if you are using SSO)	All

[6] Only the common sub-components need to be installed.

3 Client Requirements

	Minimum	Recommended	Modules
Processor	Any Intel® Core™ 2 Duo Processor and higher		All
Memory	2 GB	4 GB	All
Hard Disk	At least 1GB of free disk space		All
Screen Display	1280 x 1024	1680 x 1050 [7]	All
Network Card	100/1000 Mbps		All
Video Card	Must support DIrectX 9 with 256 MB memory	Support DIrectX 9 with 512 MB memory	All
Operating System	• Windows XP SP3 • Windows 7 (32 and 64-bit)		All
.NET Framework	.NET Framework 4		Recruitment only
Permissions	The user running the Synerion HCM suite can be assigned to regular users permissions (users group)		Recruitment only
Additional Software	• Adobe Acrobat Reader 9 or Foxit Reader • Office 2007 or Office 2010 (Word, Excel, Outlook)		All

	• Additional Office Components:
	  ◦ Office 2003
	  ◦ Office 2007
	  ◦ Office 2010
			Recruitment only

Web Browsers	Must be compatible with Silverlight requirements. See Appendix.		Organizational Structure and Synerion Direct only

[7] For wide screen.

4 Server Components for Mail Listener

It is possible to separate the Mail Listener components to improve system performance.

NOTE: *This is relevant for Recruitment only*,

Component		Minimum	Recommended
Processor		Dual-Core Intel® Xeon® Processor 3.00 GHz	Quad-Core Intel® Xeon® Processor 3.33 GHz and higher
Memory (RAM)		2 GB	4GB
Hard Disk		50 GB of free space (at least) [8]	
Operating System		• MS Windows 2003 Server SP3 Standard (32-and 64-bit) • MS Windows 2003 R2 Server SP2 Standard (32-bit) • MS Windows 2008 Server Standard (32- and 64- bit) • MS Windows 2008 R2 Standard	• MS Windows 2003 Server SP3 Enterprise (32- and 64- bit) • MS Windows 2003 R2 Server SP2 Enterprise(32-bit) • MS Windows 2008 Server Enterprise (32- and 64- bit) • MS Windows 2008 R2 Server Enterprise
Additional Components	Document Management Software	• IFilter for Docx (download here) • IFilter for PDF (for 32-bit, download **here**, or **here** for 64-bit)	
	Messaging Software	Microsoft Message Queuing 3.0 (or above) [9] Active Directory Domain Services Integration for SSO mode	
	NET Framework	.NET Framework 4	
	Mail Server	MS Exchange 2007 SP1 or 2010 or SMTP Server	

[8] Additional disk space may be required according to the size of the customer's site.
[9] Only the common sub-component needs to be installed.

	Microsoft Visual C++ 2005 SP1 Redistributable Package ATL Security Update	For running a 32bit/64bit machine, download the **vcredist_x86.exe** file **here**.
	MSDTC	Distributed Transactions Coordinator Service must be running in all HCM servers.
	Permissions	The user running the Synerion HCM service must be assigned to local admin permissions, and assigned to **SynerionHCMServerRole** in HCM database.

5 Appendix

The following table describes the operating system/web browser requirements for the Organizational Structure Web Application in HCM and the Synerion Direct application in WFM.

OS/Browser	IE7	IE 8 or later	Firefox 3 or later	Google Chrome
Windows 7		√	√	√
Windows Server 2008 R2		√	√	√
Windows Vista **Windows Server 2008**	√	√	√	√
Windows XP **Windows Server 2003** **Windows Home Server**	√	√	√	√