Synerion Mobile Application System Requirements

Version 1.3

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1 Overview

This document itemizes system requirements necessary for the installation of the Smartphone (Synerion Mobile Application), version 1.3.

NOTES:

- SM (Synerion Mobile) runs in two modes – synchronized (with TKSQL) and non-syncronized. The Supported Operating Systems section below is for both modes; the Server Requirements section is for synchronized mode only.
- Non-synchronized mode does not require installation, but does not support part of the functionality that is supported by synchronized mode
- In order to run synchronized mode for the first time, you must install the latest major set release of TKSQL (version 5.12.01) and the latest service pack.
- Once every three months, a new version of Synerion Mobile will be released. In order to enjoy the new functionality, you must install an update of SynchAgent and the latest TKSQL hotfix. We recommend to upgrade immediately as soon as possible; it is important to note that each Synerion Mobile version supports the previous version but no further back.
- In order to Smartphone to operate with TKSQL data (synchronized mode), you must enable the "**Activate data synchronization for the SmartPhone system"** selection box in TKSQL's configuration settings.

2 Supported Operating Systems for Mobile Devices

Operating System	Version	Notes
IOS	4.2.1 and higher	
Android	2.2 and higher	Not supported on Android tablets Minimum Resolution: 320 x 480 Minimum Resolution: 720 x 1280

3 Server Requirements for SynchAgent Installation (for Synchronized Mode only)

	Minimum	Recommended
Processor	Any Intel® Core™ 2 Duo Processor and higher	
Memory	2 GB	4 GB
Operating System	• MS Windows Server 2003 R2 SP2 Standard 32 bit/64 bit • MS Windows Server 2008 Standard 32/64-bit • MS Windows Server 2008 R2 Standard • MS Windows Small Business Server 2008 R2	

	• Windows 7, 32/64-bit
Additional Components	• .NET Framework, version 4 • Internet connection required with outbound ports 9350 - 9354 open to servicebus.windows.net • In case of separate computers, the server running the SynchAgent must have a connection to the TKSQL database. • A shared folder for the punches file must be accessible by the remote server hosting the TKSQL application folder and the user running the SynchAgent.
Permissions	Run the Sync Agent under a Windows account with the following permissions: • Local Admin permissions on the host machine • Read/Write Permissions on the Shared (punches) folder • In case of Windows Integrated Authentication, the Sync Agent account must have public, read & write permissions on the TKSQL Database. In case of SQL Authentication, an SQL account with read & write permissions on the TKSQL Database must be used.