



# Synerion Mobile Application System Requirements

**Version 1.3**

Synerion technical documentation and the product(s) described herein are protected by one or more copyrights, patents, foreign patents trademarks or pending applications. No part of this publication may be reproduced or transmitted into any human or computer language in any form or by any means, stored in a retrieval system, transmitted, redistributed, translated or disclosed to third parties, or decompiled in any way including, but not limited to, photocopy, photograph, electronic, mechanical, magnetic or manual without the expressed written permission of Synerion, or its licensors, if any.

All copies, so authorized, contain a full copy of this copyright notice.

Synerion products are licensed products. The product licenses convey the right to use only those specific products, components, modules, features and/or functions specified in the license agreement or contract. This publication may mention or reference products, components, modules, features and/or functions that are not part of a particular license agreement. The customer is not entitled to the receipt of, or use of, any other products, components, modules, features and/or functions that may be referenced in any documentation provided to customer unless additional license fees are paid and an appropriate license agreement is duly executed. Synerion obligations with respect to its products and services are governed solely by the agreements under which they are provided.

This publication is furnished for informational use only and should not be construed as a commitment by Synerion. The information could include technical inaccuracies or typographical errors. Every effort has been made to make this publication as complete and accurate as possible, but it is provided "as is" without warranty of any kind, what so ever, either expressed or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non- infringement. Synerion may make improvements and/or changes in the program(s), product(s), and/or applications described in this publication at any time without notice. Due to continuous development of Synerion Products, information published in this document may become obsolete.

Third-party products, services, or company names referenced in this document may be trademarked or copyrighted by their respective owners, and are for identification purposes only.

#### Notice of Proprietary Rights

All Synerion products are licensed. This document and related products are protected amongst others by copyright and distributed under licenses restricting their use, reproduction, distribution, or decompilation. It is illegal to use any Synerion product, or Synerion product components, modules, features and/or functions that have not been properly licensed through Synerion. This document may reference products, components, modules, features and/or functionality that are not part of your license agreement. Their inclusion or mention in this documentation does not constitute entitlement for receipt or use.

# Table of Contents

- 1 OVERVIEW..... 3**
- 2 SUPPORTED OPERATING SYSTEMS FOR MOBILE DEVICES..... 3**
- 3 SERVER REQUIREMENTS FOR SYNCHAGENT INSTALLATION (FOR SYNCHRONIZED MODE ONLY) 3**

# 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-synchronized. 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

## 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	<ul style="list-style-type: none"><li>• MS Windows Server 2003 R2 SP2 Standard 32 bit/64 bit</li><li>• MS Windows Server 2008 Standard 32/64-bit</li><li>• MS Windows Server 2008 R2 Standard</li><li>• MS Windows Small Business Server 2008 R2</li><li>• Windows 7, 32/64-bit</li></ul>	
Additional	<ul style="list-style-type: none"><li>• .NET Framework, version 4</li></ul>	

<p><b>Components</b></p>	<ul style="list-style-type: none"> <li>• Internet connection required with outbound ports 9350 - 9354 open to servicebus.windows.net</li> <li>• In case of separate computers, the server running the SynchAgent must have a connection to the TKSQL database.</li> <li>• 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.</li> </ul>
<p><b>Permissions</b></p>	<p>Run the Sync Agent under a Windows account with the following permissions:</p> <ul style="list-style-type: none"> <li>• Local Admin permissions on the host machine</li> <li>• Read/Write Permissions on the Shared (punches) folder</li> <li>• In case of Windows Integrated Authentication, the Sync Agent account must have public, read &amp; write permissions on the TKSQL Database.</li> </ul> <p>In case of SQL Authentication, an SQL account with read &amp; write permissions on the TKSQL Database must be used.</p>