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SUPPORTED PLATFORMS GUIDE RELEASE 8.4

PUBLICATION PSPG-RM084A-EN-E-DECEMBER-2017
Supersedes publication PSPG-RM083A-EN-E



Allen-Bradley • Rockwell Software

**Rockwell
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Introduction

This guide explains the relationships and dependencies among PharmaSuite, FactoryTalk® ProductionCentre, other FactoryTalk products, and third-party software.

This document is intended for implementation professionals who plan to install the PharmaSuite software. The tables in this guide describe the supported platform requirements for PharmaSuite. This document is intended to be used with the appropriate installation guides, which are available from the Rockwell Automation Download Site.

For more information, please refer to:

- "FactoryTalk ProductionCentre Release 10.4 Supported Platforms Guide" [A1] (page [11](#))
- "Technical Manual Installation - Enterprise Edition" [A2] (page [11](#))
- "Technical Manual Installation - Express Edition" [A3] (page [11](#))
- "Technical Manual Installation - Upgrade" [A4] (page [11](#))

Definitions

The following definitions are used throughout this document:

| Term | Definition |
|-----------|---|
| Qualified | Qualified configurations and platforms have been assessed for risk and formally tested. |
| Supported | Supported configurations and platforms have been tested informally. |

PharmaSuite Compatibility

PharmaSuite 8.4 is compatible with the following FactoryTalk products:

- FactoryTalk ProductionCentre 10.4.106677
- FactoryTalk Services Platform (FTSP) CPR9 SR9
FactoryTalk Services Platform includes FactoryTalk Security.

The applications are available from the Rockwell Automation Download Site.

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TIP

To access the Rockwell Automation Download Site, you need to acquire a user account from Rockwell Automation Sales or Support.

PharmaSuite Qualified Platform

SR1095.20

The table in this section describes the qualified versions and combinations of the software platforms for PharmaSuite.

| Third-party Application | Version |
|---|---|
| Server - operating system: Microsoft Windows Server (Standard Edition) with Service Pack. (1) | 2012 R2 |
| Client - operating system: Microsoft Windows 10. (1) | Pro (64-bit) |
| Microsoft Internet Explorer. | 11 |
| Application server: JBoss Application Server. (2) | Enterprise Application Platform 7.0.6 (including the hot fix patch jbeap-11705.zip) |
| RDBMS: Oracle 12c Server (Enterprise Edition). (1) (3) | 12.1.0.2.0 (64-bit) |

- (1) You must install the software before installing PharmaSuite.
- (2) The application server is installed along with FactoryTalk ProductionCentre.
- (3) Oracle Fail Safe is compatible with FactoryTalk ProductionCentre 10.4.

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PharmaSuite Supported Platforms

SR1095.21+

The tables in the subsequent sections describe the supported versions of the software platforms for PharmaSuite. This section is intended to be used with the PharmaSuite Installation manuals specific to your PharmaSuite edition (Enterprise Edition Installer [A2] (page 11), Express Edition Installer [A3] (page 11), Upgrade Installer [A4] (page 11)) and your application server type, which provide installation and configuration instructions.

TIP

For detailed third-party application requirements specific to your environment, please see the documentation provided with the third-party application.

PharmaSuite Hardware Requirements

Please contact your dedicated delivery team of Rockwell Automation or your system integrator for your specific hardware requirements. Because these requirements can vary from site to site, your delivery partner will determine the appropriate hardware configuration for each of your sites based upon the volume of transactions, data, number of concurrent users, and use of the application.

In order to run PharmaSuite, minimum RAM specifications have to be met:

- 8 GB with Microsoft Windows 10 (or Windows 7) operating system, and
- 8 GB with Microsoft Windows Server 2012 operating system.

In order to operate a scale using a Java-based scale driver of PharmaSuite, client machines require at least two CPUs (dual-core).

PharmaSuite Database Server Software

SR1095.21.1

For each product installed, we recommend you install the latest component version described in the table. If your corporate standard differs from the versions in the table, contact Rockwell Automation Customer Support.

| Third-party Application | Version |
|---|---|
| Operating system: Any operating system that supports the RDBMS can host the database server. | --- |
| Microsoft SQL Server (Enterprise and Standard Editions). (1) (2) (2008 and 2012 Enterprise only) All service packs are supported for the listed versions. | 2016 (64-bit) 2014 (64-bit) 2012 (64-bit) 2008 R2 CU4 (64-bit) |
| Oracle 11g and 12c Server (Enterprise Edition). Not supported by the PharmaSuite Express Edition Installer. (1) (3, 12c only) | 12.1.0.2.0 (64-bit) RAC 12.1.0.2.0 11.2.0.4 (64-bit) RAC version 11.2.0.4 (64-bit) |

- (1) You must install the software before installing PharmaSuite.
- (2) You must install .NET Framework 3.5 SP1 before installing SQL Server 2008.
- (3) Oracle Fail Safe is compatible with FactoryTalk ProductionCentre 10.4.

PharmaSuite Application Server Software

SR1095.21.2

PharmaSuite application server software is supported with JBoss.

For each product installed, we recommend you install the latest component version described in the table. If your corporate standard differs from the versions in the table, contact Rockwell Automation Customer Support.

| Third-party Application | Version |
|--|---|
| Operating system: Microsoft Windows Server (Standard Edition) with Service Pack. (1) | 2016 2012 R2 2008 R2 SP1 |
| Operating system: Red Hat Enterprise Linux (64-bit) (1) (2) | 6.9 7.2 7.4 |
| JBoss Application Server. (3) PharmaSuite Enterprise Edition Installer: (1) | Enterprise Application Platform 7.0.6 (including the hot fix patch jbeap-11705.zip) |
| VMWare (1) | Virtual Hardware Version 12 |

(1) You must install the software before installing PharmaSuite.

(2) Shop Operations Server is supported on Linux for both the application server and client machines.

(3) The application server is installed along with FactoryTalk ProductionCentre.

PharmaSuite Client Software (Java-based Client)

SR1095.21.3

A PharmaSuite client session runs in Java-based mode; Process Designer, Shop Operations, and Shop Operations Server can be run in this mode.

For each product installed, we recommend you install the latest component version described in the table. If your corporate standard differs from the versions in the table, contact Rockwell Automation Customer Support.

| Operating System | Version |
|---|--|
| <ul style="list-style-type: none"> ■ Microsoft Windows 7 with Service Pack. ■ Microsoft Windows 10. | <ul style="list-style-type: none"> ■ Professional SP1 (32-bit, 64-bit) ■ Pro (64-bit) Build 1607 |
| Browsers | Microsoft Internet Explorer: 10 or 11 (32-bit, 64-bit). Google Chrome 54.0 Edge on Windows 10 |
| VMWare. | Virtual Hardware Version 12 |

PharmaSuite GUI Requirements

SR1095.22

The table in this section describes the system's required screen resolution required to run PharmaSuite.

| PharmaSuite Application | Resolution |
|------------------------------------|--|
| Production Execution Client (PEC) | 1024 x 768 (The vertical screen size to be used is configurable.) |
| Production Management Client (PMC) | 1280 x 1024 (at least) |
| Recipe and Workflow Designer | 1280 x 1024 (at least) |
| Production Response Client (PRC) | 1280 x 1024 (at least) |
| Data Manager | 1280 x 1024 (at least) |

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Reference Documents

The following documents are available from the Rockwell Automation Download Site.

| No. | Document Title | Part Number |
|-----|--|--------------------|
| A1 | FactoryTalk ProductionCentre 10.4 Supported Platforms Guide | PRDCTR-RM104A-EN-E |
| A2 | PharmaSuite Technical Manual Installation - Enterprise Edition | PSEN-IN008E-EN-E |
| A3 | PharmaSuite Technical Manual Installation - Express Edition | PSEX-IN008E-EN-E |
| A4 | PharmaSuite Technical Manual Installation - Upgrade | PSUP-IN005E-EN-E |

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Document Information

The document information covers various data related to the document.

Approval

This document has been approved electronically via the Rockwell Automation Document Management System (DMS). The required approvers of this document include the following:

| Name | Role |
|----------------|---------------------|
| Martin Dittmer | Product Manager |
| Steffen Landes | Development Manager |
| Martin Irmisch | Test Manager |

Version Information

| Object | Version |
|---------------------------|---------|
| PharmaSuite | 8.4 |
| Supported Platforms Guide | 1.1 |

Revision History

The following table describes the history of this document.

| Object | Description | Document |
|--|--|----------|
| PharmaSuite Compatibility (page 1) | PharmaSuite and FactoryTalk ProductionCentre versions updated. Build information related to FTSP removed. | 1.0 |
| PharmaSuite Qualified Platform (page 3) | SR1095.20 Application server: version updated. | 1.0 |
| PharmaSuite Database Server Software (page 6) | SR1095.21.1 Microsoft SQL Server: build information related to FTSP removed; 2014 and 2016 Standard only removed; 2008 and 2012 Enterprise only. Oracle Database: build information related to FTSP removed, 12C RAC removed. | 1.0 |
| PharmaSuite Application Server Software (page 7) | SR1095.21.2 Operating system (Microsoft Windows Server): version 2016 added. Operating system (Red Hat Enterprise Linux): additional information related to versions 6.9 and 7.2 removed; additional information (2) updated; version 7.4 added. Application server: version updated. VMWare: additional information (4) removed; version updated. | 1.0 |
| PharmaSuite Client Software (Java-based Client) (page 8) | SR1095.21.3 VMWare: additional information removed; version updated. | 1.0 |
| PharmaSuite Hardware Requirements (page 5) | Minimum RAM specifications to be met in order to run PharmaSuite updated to 8 GB with Microsoft Windows 10 (or Windows 7) operating system and 8 GB with Microsoft Windows Server 2012 operating system. | 1.1 |

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