Installation Guide

PUBLIC

SAP Farm Management by Vistex for SAP S/4HANA 2022

Document Version: 3.1 – 2023-03-30

Document History

Before you begin reading this guide, be sure that you have the latest version. Find the latest version at SAP Help Portal.

Version	Date	Change
1.0	January 2023	First Published version for release 2022

Contents

1 Introduction 5
1.1 About this Document 5
1.2 Purpose 5

2 Product Overview 6
2.1.1 SAP Farm Management by Vistex 6
2.1.2 Integration with SAP 6
2.1.3 Constraints 7
2.2 SAP Notes for Installation 7
2.3 Online Information from SAP 8
2.4 Naming Conventions 8
2.4.1 Terminology 8
2.4.2 Solution Add-on names 8
2.4.3 Other Terms 8

3 Planning 9
3.1 Explanation of Vistex Licenses 9

4 Solutions Overview 10
4.1 Vistex delivers the following add-on solutions for SAP S/4HANA 2022 10
4.2 Add-on components required for each solution 10

5 Preparation 11
5.1 Minimum requirements 11
5.2 Preparation for installing the solutions 11
5.2.1 Import the SPAM/SAINT update patch 75 or higher 11
5.2.2 Import the latest R3trans and tp 12
5.2.3 Notes that you should obtain before the installation 12
5.2.4 Download the required Vistex Add-ons 12

6 Installation 13
6.1 Important Considerations 13
6.2 Vistex Components Installation Process Flow 13

6.2.1 Unpack and Log-on 13
6.2.2 No Password Required 13
6.2.3 Install the Vistex Add-ons in SUM along with the SAP components 14
6.2.4 Issues 14
6.3 Problems Importing the Add-ons 14
6.3.1 Vistex Add-on Installation Packages 14
6.4 Vistex Components Installation Procedure 14
6.4.1 PAT files 14
6.4.2 Download 14
6.4.3 SPAM Version 15
6.4.4 Load Packages 15
6.4.5 Settings 15
6.4.6 Component installation 16
6.4.7 Run SGEN 16
6.5 Upgrade Process Flow to release 2022 16
6.5.1 For an Upgrade from 1809/1909/2020/2021 to 2022, use the following sequence: 16

7 System Landscape Diagram 18

8 Post-Installation 19
8.1 Post Processing Flow after Importing Vistex Add-ons 19
8.2 After Vistex Solutions Installation 19
8.2.1 Implementation Guide 19
8.2.2 Help Documentation 19
8.2.3 Product Support 19
8.2.4 Language Support 19

9 Appendix 20

1 Introduction

This guide provides you with the following information about SAP Farm Management by Vistex on SAP S/4HANA 2022:

- A system landscape and product overview
- Product terminology
- Installation Procedure
- Important follow-up activities you need to consider after the installation

1.1 About this Document

This document contains the information on installing SAP Farm Management by Vistex on SAP S/4HANA 2022 system using Transaction SAINT. To be able to use these solutions, Customer must be on SAP S/4 HANA 2022.

1.2 Purpose

This Installation Guide provides a central starting point of the technical requirements for installation/upgrade and uninstall of SAP Farm Management by Vistex solutions.

1.3 Add-ons licensing requirements

Licensed Solution	Add-on Components Required
SAP Farm Management (FM)	V4ABS, V4ABSUI, V4AFM
SAP Grower Management for Perishables (GM)	V4ABS, V4ABSUI, V4AGM

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

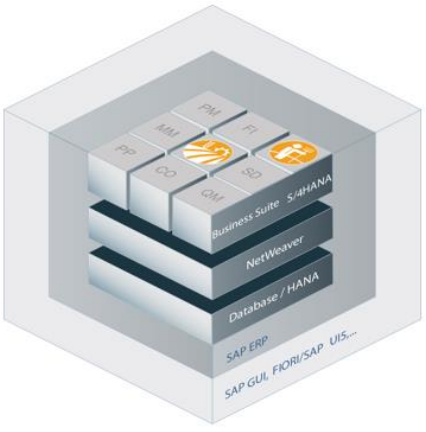
2 Product Overview

2.1.1 SAP Farm Management by Vistex

Complete field-to-fork solution supporting every aspect of farm operations and daily needs of field managers, supervisors, and workers. Now you can manage the crop lifecycle, growing process, compliance, and harvest operations, while providing critical data and analytics for senior management. No agricultural software brings field and management closer. The SAP Farm Management by Vistex module is a comprehensive, integrated business solution designed specifically for agro-industrial companies – and to support the full life cycle of farm operations. With a toolset that enables efficient day-to-day management, and meets the needs of top managers, SAP Farm Management by Vistex covers the crop life cycle, compliance, and harvest operations, and provides critical data and analytics. No agricultural software brings field and management closer together, enables operational efficiency as effectively, or provides as much business insight. Embedded in SAP ERP, SAP Farm Management by Vistex centralizes data execution from the many different agriculture processes and automatically generates controlling, quality, planning and maintenance information. Eliminating the ongoing challenge of costly and inconsistent data entry, SAP Farm Management by Vistex empowers management to set common goals and establish a shared vision through the interpretation of real-time synchronized data, while increasing end-user productivity.

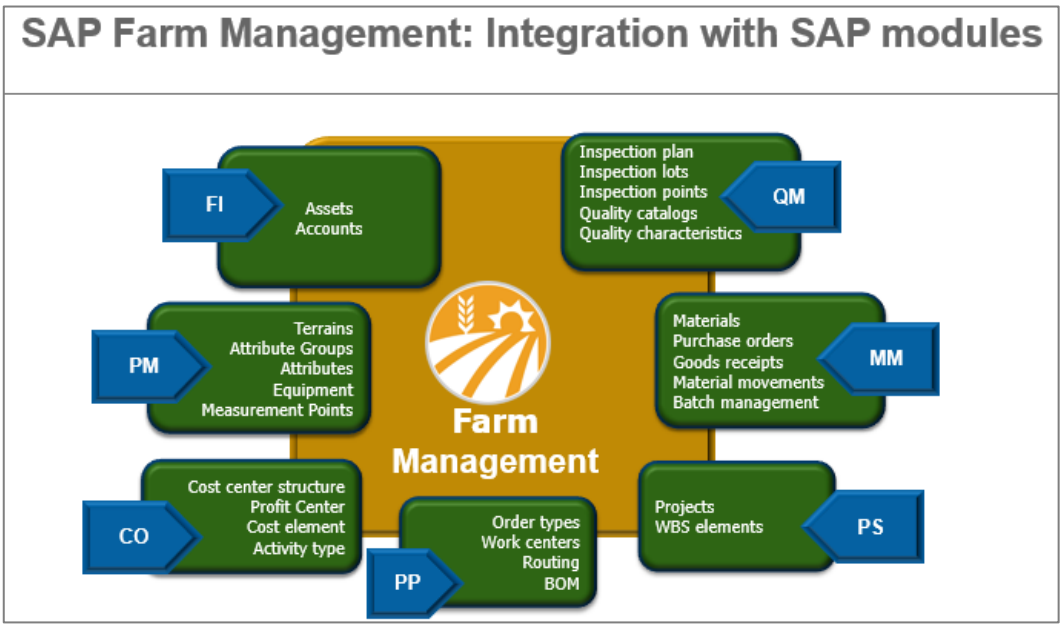
2.1.2 Integration with SAP

- Vistex solutions are embedded within SAP ERP, and therefore, allow seamless integration with SAP modules and usage of same master data:
    - Integration with FI, MM and SD for settlement and payment processes
- Versatile architecture capable of supporting different crop types and their crop cycles; each with their individual requirements for Planting, Growing and Harvest processes.
- Planning tools to guide agribusiness enterprises through typical agri challenges such as:
    - Terrain availability, equipment, labor, and agri-supplies.



PUBLIC
© 2023 SAP SE or an SAP affiliate company. All rights reserved.

2.1.2.1 Integration with SAP



2.1.3 Constraints

None

2.2 SAP Notes for the Installation

You must read the following SAP Note(s) before you start the installation. These SAP Notes contain the most recent information on the installation, as well as corrections to the installation documentation.

Make sure that you have the up-to-date version of each SAP Note, which you can find at: SAP ONE Support Launchpad

SAP Note Number	Title
3288629	Vistex Farm and Grower Management V/4 2022 Solutions Installation/Upgrade to S/4HANA 2022
3288637	Uninstall Components of Vistex Farm and Grower Management V/4 2022
3288611	Vistex Farm and Grower Management Conversion to Release V/4 2022 on S/4HANA OP 2022

*For information about SAP Grower Management for Perishables by Vistex on SAP S/4HANA for 2022 refer to SAP Grower Management for Perishables by Vistex on SAP S/4HANA for 2022 Installation Guide at SAP Help Portal.

PUBLIC
© 2023 SAP SE or an SAP affiliate company. All rights reserved.

2.3 Online Information from SAP

More information is available as follows:

Documentation

Description	Internet Address
SAP Help Portal	SAP Help Portal

General Quick Links

Description	Internet Address
SAP Help Portal	SAP Help Portal
SAP Notes	Knowledge Base (sap.com)
Released platforms and operating systems	SAP Support Portal Home
System sizing	Benchmark | Sizing | SAP
Security	Secure Data, Applications, Data Centers, and Security | SAP Security

2.4 Naming Conventions

2.4.1 Terminology

ABS - Agribusiness Solution (Vistex Add-ons for Agribusiness industries, namely the FM and GM solutions)

FM - SAP Farm Management by Vistex

2.4.2 Solution Add-on names

V4AFM - SAP Farm Management by Vistex Component

V4ABS - Agribusiness Solution Core Component (common to both FM and GM solutions)

V4ABSUI - Fiori UI Component (common to both FM and GM solutions)

2.4.3 Other Terms

Vistex software, Vistex add-ons, SAINT, SUM, Maintenance Planner, Install, Installation, Upgrade, Migration, Support Package, IRMAGRI, Farm Management, ABS, Agribusiness Suite, V4ABS, V4AFM, V4ABSUI, S/4, S4HANA, S4 HANA

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

3 Planning

3.1 Explanation of Vistex Licenses

Each Vistex add-on solution for SAP S/4HANA 2022 is licensed separately. The solution add-ons will be available from the SAP Help Portal download site according to the customer's licensing agreement. For missing solutions add-ons, please contact the customer's SAP account executive.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

4 Solutions Overview

4.1 Vistex delivers the following add-on solutions for SAP S/4HANA 2022

- SAP Farm Management by Vistex
- SAP Grower Management for Perishables by Vistex (*)

4.2 Add-on components required for each solution

V4ABS and V4ABSUI are common add-ons required for either SAP Farm Management by Vistex. Additionally, at least one of the following add-ons for the FM solution are required depending on your license agreement.

If you have purchased a license for SAP Farm Management by Vistex, you need the common add-ons V4ABS and V4ABSUI, and then respective solution add-on specific to the solution licensed. V4AFM add-on is only for SAP Farm Management by Vistex.

Vistex Agribusiness Solution	Add-On Components Required
SAP Farm Management by Vistex	V4ABS, V4ABSUI V4AFM

The V4VUI add-on can be installed either on the SAP S/4HANA 2022 On-Premise back-end system for embedded scenario or on a separate SAP Gateway/Frontend server based on SAP_UI 7.57 with U5 libraries 1.102 level for central HUB Deployment scenario.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

5 Preparation

Vistex license for V/4 2022 Solutions. Each V/4 2022 solution is licensed separately. The solution add-ons will be available from the SAP portal download site according to the customer's licensing agreement. For missing solutions add-ons, please contact the customer's SAP account executive.

You should install SAP Farm Management by Vistex for SAP S/4HANA 2022 into an SAP S/4HANA on-premise version 2022 system--or upgrade an existing V/4 1809/1909/2020/2021 versions to 2022 version.

5.1 Minimum requirements

The following minimums are required for running the Vistex V/4 2022 solutions:

The solution is developed for an SAP S/4 HANA 2022. You need to ensure that your system is exactly on the following release level:

S/4 system Minimum Requirements

SAP S4_CORE 107
S4_ABA 75H
SAP_BASIS 757

FIORI Minimum Requirements (if installed on S/4 server)

SAP_UI Version 7.57 & Minimum UI5 libraries 1.102

FIORI Minimum Requirements (if installed on standalone FIORI server)

Minimum SAP_UI Version 7.57, and Minimum UI5 libraries 1.102

5.2 Preparation for installing the solutions

5.2.1 Import the SPAM/SAINT update patch 75 or higher

Make sure that you have imported the SPAM/SAINT update patch level 75 or higher into your system. If the SAP Help Portal contains a newer version, carry out the new SPAM/SAINT update.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

5.2.2 Import the latest R3trans and tp

Make sure that you have imported the latest R3trans and tp version into your system.

5.2.3 Notes that you should obtain before the installation

Add-ons: General conditions: 70228- Add-ons: Conditions and upgrade planning

5.2.4 Download the required Vistex Add-ons

Please refer to section "Solution Overview" that explains how to identify the required add-ons for your installation as licensed from SAP. The solution add-ons will be available for download in the software download center.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

6 Installation

6.1 Important Considerations

The Vistex Add-on software can be installed simultaneously with the SAP S/4HANA 2022 software--or installed alone--using SAINT.

The components V4ABS and V4ABSUI are common to all licensed software solutions. The other software V4AFM (SAP Farm Management by Vistex) component is to be installed as authorized in the customer's license agreement.

6.2 Vistex Components Installation Process Flow

6.2.1 Unpack and Log-on

Unpack each downloaded Vistex add-on installation package into SAP transport directory, if needed.

Log on as user
<sid>adm on UNIX
<SID> OFR on AS/400
<SID>adm on Windows

- Switch to the directory of your SAP S/4HANA system (usually /usr/sap/trans/EPS). The directory is displayed after you execute the RSPFPAR report with input value of the profile parameter DIR_EPS_ROOT.

- Switch to the higher-level directory.

- Unpack the SAR archive files using the following statement:
  SAPCAR –xvf<downloaded package SAR file with full path>

- The extracted PAT files should now be in the /IN directory. Please refer the section 4. "Solutions Overview" for PAT file name archived in the respective Package SAR file.

6.2.2 No Password Required

No password is required for Vistex add-ons installation

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

6.2.3 Install the Vistex Add-ons in SUM along with the SAP components

If you use HUB Deployment for front-end component V4ABSUI, do not install the V4ABSUI add-on on the S/4HANA 2022 On -Premise system.

6.2.4 Issues

Any known issues are documented in section "Problems Importing the Add-ons". If any other issue occurs, open an incident with SAP Support using component BC-UPG-ADDON.

6.3 Problems Importing the Add-ons

There are currently no known issues when installing the Vistex Add-ons. If an issue occurs, open an incident with SAP Support using component BC-UPG-ADDON.

6.3.1 Vistex Add-on Installation Packages

The Vistex Add-on installation packages are available at the software download web site Software Downloads - SAP ONE Support Launchpad.

6.4 Vistex Components Installation Procedure

6.4.1 PAT files

Copy software PAT files to the SAP transport directory /usr/sap/trans/EPS/in (when the SAP Central Instance server is UNIX server) or Drive Letter: \usr\sap\trans\in (when the SAP Central Instance server runs on Microsoft Window OS).

6.4.2 Download

Download and install the latest "tp" and "R3trans" transport tools from SAP Help Portal.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

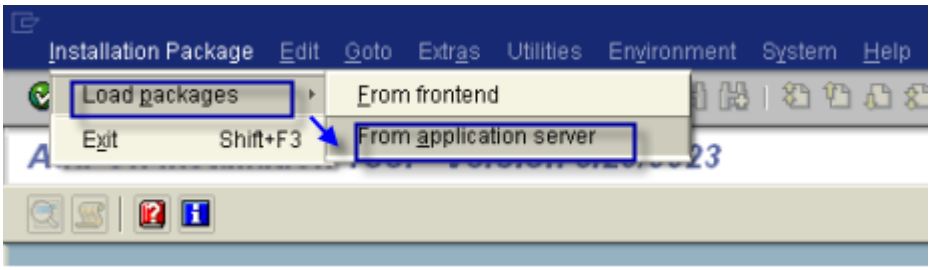
6.4.3 SPAM Version

Apply the latest SPAM version available at SAP Help Portal.

6.4.4 Load Packages

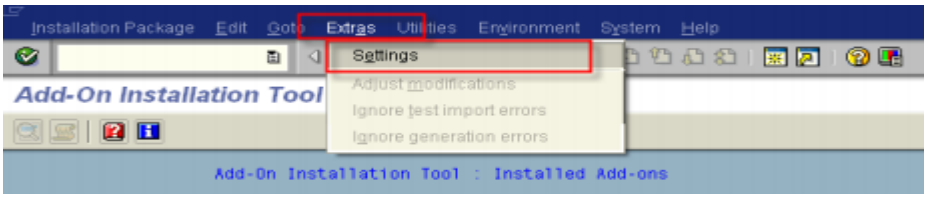
Load packages in SAINT:

from the initial menu of SAINT in client 000, follow the menu path "Installation Package" --> "Load Packages" --> "From application server"

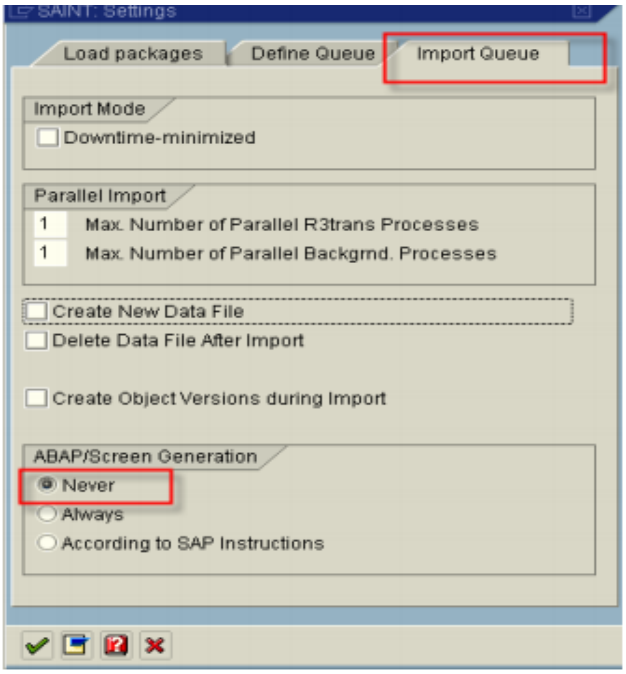


6.4.5 Settings

Verify settings in SAINT: from the initial menu of SAINT, follow the menu path "Extras" --> "Settings" and on the Import Tab, make sure the option "Never" is set for the "ABAP/Screen Generation" setting



© 2023 SAP SE or an SAP affiliate company. All rights reserved.



6.4.6 Component installation

Install the V4ABS, V4AFM and V4ABSUI add-ons in single installation queue using SAINT transaction code in client 000 (i.e. combined installation of all Vistex add-ons).

6.4.7 Run SGEN

Once the installation is completed, run SGEN for the Vistex software components (e.g. V4ABS, V4AFM and V4ABSUI).

> Note: The V4ABSUI package contains the Fiori UI and must be installed on the Gateway system. If the Gateway is not located on the same S/4 system, please install the V4ABSUI package separately in the Gateway system and adjust the instructions below accordingly.

6.5 Upgrade Process Flow to release 2022

6.5.1 For an Upgrade from 1809/1909/2020/2021 to 2022, use the following sequence:

Download the required Add-on packages according to the license(s) purchased from SAP.
For an upgrade from 1809/1909/2020/2021 to 2022, download the required Add-on packages according to what is already installed in the system.

PUBLIC
© 2023 SAP SE or an SAP affiliate company. All rights reserved.

Upgrade paths to Release ABS S/4 2022:

From ABS S/4 2021 (any support pack level) –> Upgrade from ABS S/4 2021 to ABS S/4 2022

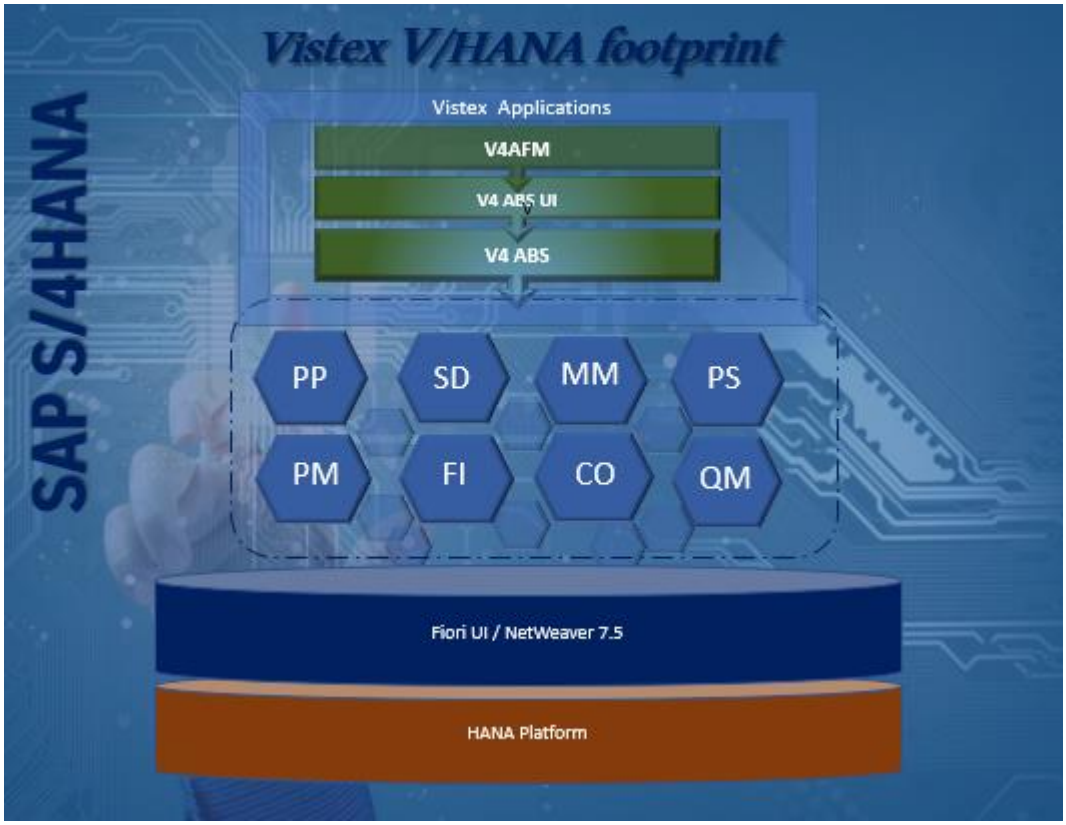
From ABS S/4 2020 (any support pack level) –> Upgrade from ABS S/4 2020 to ABS S/4 2021

From ABS S/4 1909 (any support pack level) –> Upgrade from ABS S/4 1909 to ABS S/4 2020

From ABS S/4 1809 (any support pack level) –> Upgrade from ABS S/4 1809 to ABS S/4 1909

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

7 System Landscape Diagram



PUBLIC
© 2023 SAP SE or an SAP affiliate company. All rights reserved.

8 Post-Installation

8.1 Post Processing Flow after Importing Vistex Add-ons

No post-processing steps are necessary.

8.2 After Vistex Solutions Installation

8.2.1 Implementation Guide

The Implementation Guide documentation is available online in transaction /AGRI/ABSPRO.

8.2.2 Help Documentation

Help documentation is available online at Welcome to Vistex Help Portal | Vistex, Inc or SAP Help Portal.

8.2.3 Product Support

Support for the SAP Farm Management by Vistex is available through the SAP support channel; enter a customer incident using component XXPART-VIS-FM for SAP Farm Management by Vistex.

8.2.4 Language Support

SAP Farm Management by Vistex is delivered in English. The rest of languages available per customer request.

PUBLIC
© 2023 SAP SE or an SAP affiliate company. All rights reserved.

9 Appendix

Important Disclaimers and Legal Information

Coding Samples

Any software coding and/or code lines / strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended to better explain and visualize the syntax and phrasing rules of certain coding. SAP does not warrant the correctness and completeness of the Code given herein, and SAP shall not be liable for errors or damages caused by the usage of the Code, unless damages were caused by SAP intentionally or by SAP's gross negligence.

Accessibility

The information contained in the SAP documentation represents SAP's current view of accessibility criteria as of the date of publication; it is in no way intended to be a binding guideline on how to ensure accessibility of software products. SAP in particular disclaims any liability in relation to this document. This disclaimer, however, does not apply in cases of willful misconduct or gross negligence of SAP. Furthermore, this document does not result in any direct or indirect contractual obligations of SAP.

Gender-Neutral Language

As far as possible, SAP documentation is gender neutral. Depending on the context, the reader is addressed directly with "you", or a gender-neutral noun (such as "salesperson" or "working days") is used. If when referring to members of both sexes, however, the third-person singular cannot be avoided or a gender-neutral noun does not exist, SAP reserves the right to use the masculine form of the noun and pronoun. This is to ensure that the documentation remains comprehensible.

Internet Hyperlinks

The SAP documentation may contain hyperlinks to the Internet. These hyperlinks are intended to serve as a hint about where to find related information. SAP does not warrant the availability and correctness of this related information or the ability of this information to serve a particular purpose. SAP shall not be liable for any damages caused by the use of related information unless damages have been caused by SAP's gross negligence or willful misconduct. All links are categorized for transparency (see: Important Disclaimers and Legal Information | SAP Help Portal).

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

Open Source Software and Third-Party Components

SAP Farm Management by Vistex does not contain any additional open-source software or third-party components, except for whatever software is already present in the SAP S/4HANA deployment.

Please refer to SAP Open Source | SAP Community for information respecting open-source software components made available by SAP as part of SAP NetWeaver and any specific conditions that apply to your use of such open source software components. Please refer to SAP Open Source | SAP Community for information relating to SAP's use of third-party software with or within SAP NetWeaver.

© 2023 SAP SE or an SAP affiliate company. All rights reserved.

www.sap.com/contactsap

© 2023 SAP SE or an SAP affiliate company. All rights reserved.
No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.
Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.
These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.
SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. All other product and service names mentioned are the trademarks of their respective companies. Please see SAP Privacy Statement for additional trademark information and notices.

Material Number: