Master Guide (Including Upgrade Information)
SAP Supplier Relationship Management 7.0 Including SAP Enhancement Package 3
Using SAP® SRM 7.0 and SAP NetWeaver® 7.0 Including SAP Enhancement Package 3

Target Audience
- System administrators
- Technology consultants

PUBLIC
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Material number: 50107394
Document History

CAUTION
Before you start the implementation, make sure you have the latest version of this document.
You can find the latest version at the following location: [http://service.sap.com/instguides](http://service.sap.com/instguides).

### Installation and Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13

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1 Getting Started

The master guide for SAP Supplier Relationship Management (SAP SRM) provides a central starting point for the technical implementation of SAP SRM.

To facilitate the implementation process, all information within this document is organized by scenario. You can choose from several generic business scenarios and find all the information relevant for the technical implementation of a business scenario in that section.

Each business scenario supports a number of variants. In this master guide, only key variants are described in detail.

The complete SAP SRM solution consists of the following top-level scenarios and business scenarios:

SAP SRM

- Self-Service Procurement
  - Self-Service Procurement (Classic)
  - Self-Service Procurement (Extended Classic)
- Plan-Driven Procurement
  - Plan-Driven Procurement with Plant Maintenance
  - Plan-Driven Procurement with Supplier Integration
- Service Procurement
  - Service Procurement Classic
  - Service Procurement External Staffing
- Strategic Sourcing
  - Strategic Sourcing with RFx
  - Strategic Sourcing with Live Auction
- Operational Contract Management
- Catalog Content Management
- Analytics
  - Spend Analysis
  - Supplier Evaluation

Procurement for Public Sector

NOTE
The Procurement for Public Sector (PPS) business scenarios require a special license agreement.

CAUTION
You must install SAP enhancement package 3 for SAP SRM 7.0 before you activate any new business functions. Activating the business functions is irreversible; once they have been activated, you
cannot deactivate them. Be aware that accidental activation might disrupt the other business processes.

- Public Sourcing and Tendering
- Contract Management and Administration
- Operational Procurement
- Procurement Services
  - Procurement Services with Automated Sourcing
  - Procurement Services with Manual Sourcing

**End-to-End Processes and Implementable Steps**

- Centralized Sourcing and Contract Management
  - Supplier Management
  - Central Sourcing
  - Central Contract Management
  - Operational Procurement

**RECOMMENDATION**

We recommend that you test the installation and activation of SAP enhancement package 3 for SAP SRM 7.0 on a sandbox system.

### 1.1 About this Document

**Purpose**

This master guide is the central starting point for the technical implementation of SAP SRM. You can find cross-scenario implementation information as well as scenario-specific information in this guide. Use the master guide to get an overview of SAP SRM, its software units, and its scenarios from a technical perspective. The master guide is a planning tool that helps you to design your system landscape. It refers you to the required detailed documentation, including the following:

- Installation guides for single software units
- Upgrade guides for single software units
- SAP Notes
- Configuration documentation
- SAP Library documentation

For a general overview of the available SAP documentation, see *The Main SAP Documentation Types*.

The master guide consists of the following sections:

- *Getting Started* [page 7] contains information about using this document and related information crucial to the installation.
- *SAP SRM Overview* [page 29] contains:
  - A short introduction to the SAP Business Suite solution
1.1 About this Document

- The software component matrix
- The minimal system landscape
- The overall installation sequence

Business Scenarios of SAP SRM [page 49] contains information for each business scenario including the following:
- An overview of the business scenario
- Examples of how the different components interact, and what protocols and interfaces are used, including examples of technical system landscapes
- Information about the overall installation sequence and subsequent steps
- References [page 103] to related installation guides
- Information about mutual dependencies that affect two or more components within the business scenario


Depending on the specific business scenario to be implemented, many different installation guides, upgrade guides, and configuration documentation may be required. The SAP enhancement package 3 for SAP SRM 7.0 implementation content is clearly organized according to installation or configuration activity.
- Installation documentation is available in installation guides on SAP Service Marketplace.
- Upgrade documentation is available in upgrade guides on SAP Service Marketplace.
- Configuration documentation is only available as SAP Solution Manager Content.
- References [page 103] lists the documentation referenced in this master guide.

NOTE
You can find the most current information about the technical implementation of SAP enhancement package 3 for SAP SRM 7.0 and the latest installation, upgrade, and configuration guides on SAP Service Marketplace at http://service.sap.com/instguides. We strongly recommend that you use the documents available here. The guides are updated regularly.

Constraints
- The business scenarios that are presented here serve as examples of how you can use SAP software in your company. The business scenarios are only intended as models and do not necessarily run the way they are described here in your customer-specific system landscape. Ensure to check your requirements and systems to determine whether these scenarios can be used productively at your site. Furthermore, we recommend that you test these scenarios thoroughly in your test systems or in a sandbox system to ensure they are complete and free of errors before going live.
- This master guide primarily discusses the overall technical implementation of SAP SRM rather than its subordinate components. This means that additional software dependencies might exist without being mentioned explicitly in this document. You can find more information on component-specific software dependencies in the corresponding installation guides, or you can...
1 Getting Started

1.2 Related Information

We strongly recommend that you use a minimal system landscape for test and demo purposes. The installation of a minimal system landscape is possible only if you do the following:

- Choose an operating system and a database that support all components. For more information about released platforms for SAP SRM, see SAP Service Marketplace at http://service.sap.com/platforms → Product Availability Matrix.

- Provide a sufficiently sized server. For information on sizing, see SAP Service Marketplace at http://service.sap.com/sizing.

**NOTE**

Make sure to check the SAP NetWeaver Upgrade Master Guide of the SAP NW upgrade target release if you are planning a NetWeaver upgrade. It contains specific information about SAP NetWeaver prerequisites, upgrade paths and upgrade dependencies. You find the guides for the SAP NetWeaver Platform on the SAP Help Portal at http://help.sap.com/netweaver

**CAUTION**

SAP NetWeaver Process Integration (SAP NetWeaver PI) requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported.

For more information about planning topics not covered in this guide, see the following content on SAP Service Marketplace:

<table>
<thead>
<tr>
<th>Planning Information</th>
<th>Location on SAP Service Marketplace</th>
</tr>
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<tbody>
<tr>
<td>SAP Solution Manager</td>
<td><a href="http://service.sap.com/solutionmanager">http://service.sap.com/solutionmanager</a></td>
</tr>
<tr>
<td>Hardware sizing</td>
<td><a href="http://service.sap.com/sizing">http://service.sap.com/sizing</a></td>
</tr>
<tr>
<td>Information about creating error messages</td>
<td><a href="http://service.sap.com/messages">http://service.sap.com/messages</a></td>
</tr>
</tbody>
</table>
1.3 Main Implementation Processes and Related Documentation

The following processes are the most important implementation processes for installing, updating, and upgrading SAP NetWeaver server-based SAP applications:

- New installation of an SAP system including an enhancement package (installation)
- Installation of an enhancement package on an existing SAP system (update)
- Upgrade to an SAP system including an enhancement package (upgrade)

Each of the implementation processes consists of a planning phase and an implementation phase. Each phase is divided into several steps that describe the processes in detail. Each step contains references to the corresponding documentation to ensure that you can easily find the information you need.

The process sequences give a comprehensive overview of all possible steps. You only need to select the steps that are relevant for your requirements.
NOTE
If you have already decided which business scenarios and business functions to implement, you can ignore the corresponding step in the planning phase of the installation, update, or upgrade process sequences.

NOTE
Detailed implementations sequences for business scenarios are also found in this Master Guide, see section Business Scenarios of SAP SRM [page 49]. These implementation sequences describe the components required for a specific scenario and the sequence in which they need to be installed, they do not describe the installation process itself, as is done in this and the following sections.

The following figure shows the Application Lifecycle Management phases, the associated user profiles, and how they map to the slightly simplified planning and implementation phases described in the sections linked below.

Figure 1: Application Lifecycle Management

For more information about Application Lifecycle Management, see http://service.sap.com/alm.

The processes are described in the following sections:
- Planning for Installation, Update, and Upgrade Processes [page 13]
- Implementation of the Installation Process [page 16]
- Implementation of the Update Process [page 19]
- Implementation of the Upgrade Process [page 23]
### 1.3.1 Planning for Installation, Update, and Upgrade Processes

The planning phase is the general starting point for any kind of enhancement package implementation project. The detailed definition of your scope and requirements is the key success factor for a smooth project. You discover new developments and functions to find out which solution best suits your needs and you cover the business aspects as well as the technical aspects of your implementation.

The following table lists the topics you need to consider in the planning phase with references to relevant documentation. You have to look into those steps that are relevant for your requirements.

#### NOTE

How to read the table in this section:

- The first column contains the name of the process step.
- The middle column contains a short description of the step and some documentation references that are always followed by a number in square brackets, for example, [1]. This number corresponds with the same number in a list in the third column, for example 1.
- The third column contains the full title of the documents referred to in the middle column, as well as where to find them. The documents are numbered in the same way as in the middle column.

<table>
<thead>
<tr>
<th>Steps</th>
<th>Step Description</th>
<th>Documentation</th>
</tr>
</thead>
</table>
| Scope and Requirements       | Define your business scope, such as business scenarios and business functions you want to use. You can find information about scope topics at the Enhancement Package Info Center [1]. The SAP Solution Browser Tool gives you a summary of key functional changes between two releases or SAP enhancement packages [2]. You can find detailed information about business functions on the SAP Help Portal [3]. | 1. [http://service.sap.com/srm-ehp](http://service.sap.com/srm-ehp)  
2. [http://solutionbrowser.erp.sap.fmpmedia.com](http://solutionbrowser.erp.sap.fmpmedia.com)  
<table>
<thead>
<tr>
<th>Steps</th>
<th>Step Description</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Planning</td>
<td>If you want to change or modify your existing system landscape, make yourself familiar with the available system landscape options. For detailed information about business landscape options, use the Planning Guide - SAP Business Suite Landscape Implementation.</td>
<td><a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> → Installation &amp; Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13  For more information, see SAP Note 1388258.</td>
</tr>
<tr>
<td>Business Functions</td>
<td>Identify the business functions that you wish to activate based on your business needs.</td>
<td><a href="http://help.sap.com/srm">http://help.sap.com/srm</a> → SAP Supplier Relationship Management → SAP Enhancement Package 3 for SAP SRM 7.0 → Application Help → SAP Library → SAP Supplier Relationship Management → Business Functions and Customizing Switches</td>
</tr>
</tbody>
</table>
| Hardware & Software Prerequisites | Check the availability of the required SPs or SP stack of the application as well as for the corresponding SAP NetWeaver release are available. The upgrade stops if the equivalent support package of the target release is missing. It is not a prerequisite and not recommended to implement the latest SP stack in your source system before doing an upgrade or EHP implementation. | 1. SP Stack notes:  
  - SAP Note 1818517 (SAP SRM)  
  - SAP Note 789220 (SAP NetWeaver)  
    Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>  
## Steps

<table>
<thead>
<tr>
<th>Steps</th>
<th>Step Description</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The SP stack implementation is also described in the Software Update Manager guide [2]. For more information about SP stack strategy and the release schedule, see the SAP Service Marketplace [3].</td>
<td><a href="http://service.sap.com/pam">http://service.sap.com/pam</a></td>
</tr>
<tr>
<td></td>
<td>Check which platforms are supported for your target release (OS/DB dependencies) with the Product Availability Matrix.</td>
<td><a href="http://service.sap.com/pam">http://service.sap.com/pam</a></td>
</tr>
<tr>
<td></td>
<td>Check which hardware sizing is required for your target release.</td>
<td><a href="http://service.sap.com/sizing">http://service.sap.com/sizing</a></td>
</tr>
<tr>
<td>Solution Manager</td>
<td>Make sure that your SAP Solution Manager system has one of the following support package (SP) levels with the associated content release:</td>
<td></td>
</tr>
<tr>
<td>Prerequisites</td>
<td><strong>NOTE</strong> The use of the SAP Solution Manager Content is optional.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ SAP Solution Manager 7.01 SP Stack 23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ SAP Solution Manager 7.1 SP Stack 01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ Content: ST-ICO 150_700 SP 31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Check if you need to do an update or upgrade of your SAP Solution Manager application or content and select your required upgrade or update:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ Upgrade from source releases SAP Solution Manager 3.1 and 3.2. [1]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ Update from source releases SAP Solution Manager 7.0. [2]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All SAP Solution Manager guides are available at: <a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> -&gt; Installation &amp; Upgrade Guides -&gt; SAP Components -&gt; SAP Solution Manager -&gt; Release 7.0 EHP1 (or Release 7.1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Upgrade Guide — SAP Solution Manager 7.0 incl. Enhancement Package 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Update Guide SAP Enhancement Package 1 for SAP Solution Manager 7.0</td>
<td></td>
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<tr>
<td></td>
<td>If you want to use add-ons, check their compatibility with your target release.</td>
<td>SAP Note 1752753 and 963000</td>
</tr>
</tbody>
</table>

### Add-on Compatibility

If you want to use add-ons, check their compatibility with your target release.
1.3.2 Implementation of the Installation Process

The following table lists the steps for a new installation of an SAP system including an enhancement package. The table lists all possible steps with references to the documentation relevant for each step. You have to look into those steps that are relevant for your requirements.

How to read the table in this section:
- The first column contains the name and the sequence number of the process step.
- The middle column contains a short description of the step and some documentation references that are always followed by a number in square brackets, for example, [1]. This number corresponds with the same number in a list in the third column, for example 1.
- The third column contains the full title of the documents referred to in the middle column, as well as where to find them. The documents are numbered in the same way as in the middle column.

<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
</table>
| 1 System Preparation | Prepare your host systems, for example:  
- Install and update your operating system.  
- Create the file systems.  
- Check database requirements.  
You can find this information in the Planning and Preparation sections of the relevant installation tool guides [1] and in the application-specific installation guide [2]. | All guides are found at:  
http://service.sap.com/instguides  
— Installation & Upgrade Guides — SAP Business Suite Applications — SAP SRM — SAP SRM Server 7.13  
1. Installation tool guides:  
- Installation Guide - SAP Systems Based on the Application Server ABAP of SAP NetWeaver 7.0 including EHP3 on <OS>:
- "<DB>" |
### Sequence of Steps | Step Descriptions | Documentation
--- | --- | ---
2 | Installation Media Make the required installation media (physical or downloaded media) available. A list of the installation media is found in the relevant installation tool guides (section Preparation) [1] and details are provided in the application-specific media list [2]. | Both the installation guide and the application media list are found at: [http://service.sap.com/instguides](http://service.sap.com/instguides) → Installation & Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 #

1. Installation tool guides:
   - Installation Guide - SAP Systems Based on the Application Server ABAP of SAP NetWeaver 7.0 including EHP4 on <OS>: <DB>
   - Installation Guide - SAP Systems Based on the Application Server Java of SAP NetWeaver 7.4 on <OS>: <DB>
2. SAP SRM Media List

3 | Installation If required, install the database with the DB-specific installer. Run SAPinst to install your system. This is described in the relevant installation tool guides [1] and in the application-specific installation guide [2]. | All guides are found at: [http://service.sap.com/instguides](http://service.sap.com/instguides) → Installation & Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 #

1. Installation tool guides:
   - Installation Guide - SAP Systems Based on the Application Server ABAP of SAP NetWeaver 7.0 including EHP4 on <OS>: <DB>
   - Installation Guide - SAP Systems Based on the Application Server Java of SAP NetWeaver 7.40 on <OS>: <DB>
2. Installation Guide - SAP Supplier Relationship Management 7.0 Including Enhancement Package 4 Java and ABAP


1. Installation tool guides:
   - Installation Guide - SAP Systems Based on the Application Server ABAP of SAP NetWeaver 7.0 including EHP4 on <OS>: <DB>
   - Installation Guide - SAP Systems Based on the Application Server Java of SAP NetWeaver 7.40 on <OS>: <DB>
<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Content Installation</td>
<td>If required, you install BW Content as an add-on as described in the relevant SAP Note.</td>
<td>SAP Note 1000822</td>
</tr>
<tr>
<td>6 Add-On Installation</td>
<td>You find information on compatible add-ons in the SAP Note.</td>
<td>SAP Note 1752753 and 963000</td>
</tr>
<tr>
<td>8 Support Package Installation</td>
<td>The support package (SP) equivalence levels are described in SAP Notes [1]. Create a maintenance transaction in SAP Solution Manager to calculate support packages and packages for technical usages. Install them as needed. For more information about SP stack strategy, see the SAP Service Marketplace [2].</td>
<td>1. SP Stack notes: ■ SAP Note 1818517 (SAP SRM) ■ SAP Note 789220 (SAP NetWeaver) 2. <a href="http://service.sap.com/sp-stacks">http://service.sap.com/sp-stacks</a></td>
</tr>
<tr>
<td>9 Configuration</td>
<td>Configure new functions, for example new business functions, with the Solution Manager content [1].</td>
<td>1. See the step Solution Manager Prerequisites in the planning [page 13]</td>
</tr>
</tbody>
</table>
1.3.3 Implementation of the Update Process

The following table lists the steps for an installation of an enhancement package on an existing SAP system (update). The table lists all possible steps with references to the documentation relevant for each step. You have to look into those steps that are relevant for your requirements.

How to read the table in this section:
- The first column contains the name and the sequence number of the process step.
- The middle column contains a short description of the step and some documentation references that are always followed by a number in square brackets, for example, [1]. This number corresponds with the same number in a list in the third column, for example 1.
- The third column contains the full title of the documents referred to in the middle column, as well as where to find them. The documents are numbered in the same way as in the middle column.

<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
</table>

| 10 Testing | Perform regression and acceptance tests. | For more information, see the table entry Testing in the section on Planning for Installation, Update and Upgrade Processes [page 13] of this guide. |
### 1 Getting Started

#### 1.3 Main Implementation Processes and Related Documentation

<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
</table>
| 2 System Preparation | Prepare your system as described in the documentation, for example perform OS / DB-specific preparations. This is described in the relevant Software Update Manager (SUM) guide [1]. Check also the SAP application-specific update guide [2]. | Both guides are found at: [http://service.sap.com/instguides](http://service.sap.com/instguides) → Installation & Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13
1. Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>

**NOTE**
You always need to use the latest version of the SUM tool and guide. Only the latest guide version is available at the SAP Service Marketplace.

2. Upgrade & Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 <ABAB or Java>
| 3 Software Calculation & Download | Create the maintenance transaction in SAP Solution Manager Maintenance Optimizer to calculate the required software packages. You can also select additional software packages (for example add-ons or additional usage types or software units). Download the software packages using the Download Manager. | Maintenance Planning Guide at [http://service.sap.com/mopz](http://service.sap.com/mopz) under the section How-To’s and Guides |
| 4 Enhancement Package Installation | Run Software Update Manager (SUM) to update your system with the software packages calculated in step 3. This is described in the relevant SUM guide [1]. Check also the SAP application-specific update guide [2]. | Both guides are found at: [http://service.sap.com/instguides](http://service.sap.com/instguides) → Installation & Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13
1. Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>

**NOTE**
You always need to use the latest version of the SUM tool and guide. Only the latest guide version is available at the SAP Service Marketplace.

2. Upgrade & Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 <ABAB or Java>
## 1 Getting Started

### 1.3 Main Implementation Processes and Related Documentation

<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
</table>
| **5** Follow-Up Steps | Perform technical and application-specific follow-up activities (for example, activating business functions) after the enhancement package installation is done. This is described in the relevant Software Update Manager (SUM) guide [1]. Check also the SAP application-specific update guide [2], [3] You need to check that the latest patch level, LAC 673 SP00 patch level 4, is applied if an update for SRM release on Netweaver 7.3x to SRM 703 on Netweaver 7.40 is done with software component LAC 673 SP00. | Both guides are found at: [http://service.sap.com/instguides](http://service.sap.com/instguides)  
Installation & Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13  
1. Update Guide - Update of SAP Systems Using the Software Update Manager <latest version>  
   **NOTE**  
   You always need to use the latest version of the SUM tool and guide. Only the latest guide version is available at the SAP Service Marketplace.  
2. Upgrade & Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 <ABAB or Java>  
   **NOTE**  
   You have to download the latest LAC SWC, from the SMP and apply it manually through SUM tool. |
| **6** Content Update | Check if you need to update content related to:  
- SAP NetWeaver Portal [1]  
  You use the Java Support Package Manager to update portal content.  
- SAP Business Warehouse [2]  
- SAP NetWeaver Process Integration [3]  
For more information, see SAP Note 1388258 |  
2. SAP Note 1000822  
| **7** Configuration | Configure newly installed enhancement package functions, for example new business functions, with the Solution Manager content [1].  
**NOTE**  
The use of the Solution Manager Content is  
1. See the step Solution Manager Prerequisites in the planning [page 13] section for the correct SAP Solution Manager content release.  
## 1.3 Main Implementation Processes and Related Documentation

<table>
<thead>
<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Testing</td>
<td>For more information, see the table entry Testing in the section on Planning for Installation, Update and Upgrade Processes [page 13] in this guide.</td>
</tr>
</tbody>
</table>

### Update to SAP enhancement package 3 for SAP SRM 7.0, version for SAP HANA

The update process from SAP enhancement package 2 for SAP SRM 7.0 to SAP enhancement package 3 for SAP SRM 7.0, version for SAP HANA (ABAP components only) is basically the same as the update process from earlier releases of SAP SRM to SAP enhancement package 2 for SAP SRM 7.0. You therefore use the existing Upgrade and Update Guide for SAP SRM 7.0 Including Enhancement Package 2 together with this guide, which describes the differences in the process. In addition, you need the Software Update Manager guide.

For the available technical usages, see the section Technical Usages of SAP enhancement package 3 for SAP SRM 7.0, version for SAP HANA in this guide.

The following table lists the guides you need to use and where to find them:

<table>
<thead>
<tr>
<th>Guide Name</th>
<th>Use</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upgrade and Update Guide for SAP SRM 7.0 Including Enhancement Package 3</td>
<td>Explains the application-specific steps needed to perform the update.</td>
<td><a href="http://service.sap.com">http://service.sap.com</a></td>
</tr>
<tr>
<td>Update of SAP Systems Using Software Update Manager</td>
<td>Describes the tool-specific steps needed to perform the update.</td>
<td><a href="http://service.sap.com/sltoolset">http://service.sap.com/sltoolset</a> ➔ Software Logistics Toolset 1.0 ➔ SUM.</td>
</tr>
</tbody>
</table>

### Data Migration

**NOTE**

Before performing these substeps, check the release information note 1730095.

This step consists of the following substeps:

1. **Install SAP HANA**
   
The SAP HANA appliance software can only be installed by certified hardware partners on validated hardware running a specific operating system.

   For more information, see:

2. Heterogeneous system copy

To migrate your source database to the SAP HANA database, you perform a heterogeneous system copy. How to do the system copy is described in the guide referenced in the note below.

NOTE

When planning your database migration, consider the following points:

- The database migration to SAP HANA requires some preparation steps related to the database tables in your system. For example, you need to check the usage of cluster tables and pool tables, because they are automatically resolved to transparent tables during the database migration.
  - For more information about migration preparation, available check reports, potential additional efforts, as well as the system copy process in general, see the system copy guides at [http://service.sap.com/sltoolset](http://service.sap.com/sltoolset) → Software Logistics Toolset 1.0 → Software Provisioning Manager 1.0.
  - For migration preparation, see also SAP Note 1785057.
- SAP HANA runs natively on Unicode only. If your system is not yet running on Unicode, consider doing the conversion separately before migrating to SAP HANA. The Unicode conversion could technically be done during the database migration (that is, during the heterogeneous system copy), but preparatory steps are required as described in SAP Note 1051576.

NOTE

For information about migration scenarios for SAP HANA to other databases, see SAP Note 1718576.

Content Activation

You must activate SAP HANA content. To do so, perform the following steps:

2. Install the ABAP Development Tools as described in the guide provided in SAP Note 1718399.
3. Activate the SAP HANA content as described in SAP Note 1789632.

1.3.4 Implementation of the Upgrade Process

The following table lists the steps for a new installation of an SAP system including an enhancement package. The table lists all possible steps with references to the documentation relevant for each step. You have to look into those steps that are relevant for your requirements.

NOTE

How to read the table in this section:
## Main Implementation Processes and Related Documentation

The first column contains the name and the sequence number of the process step.

The middle column contains a short description of the step and some documentation references that are always followed by a number in square brackets, for example, [1]. This number corresponds with the same number in a list in the third column, for example 1.

The third column contains the full title of the documents referred to in the middle column, as well as where to find them. The documents are numbered in the same way as in the middle column.

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<tr>
<th>Sequence of Steps</th>
<th>Step Descriptions</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 System Preparation</td>
<td>Prepare your system as described in the documentation, for example perform OS/DB-specific preparations. This is described in the relevant Software Update Manager guide [1]. Check also the SAP application-specific upgrade guide [2].</td>
<td>Both guides are found at: <a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> → Installation &amp; Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13. 1. Upgrade Guide - Update of SAP Systems Using the Software Update Manager &lt;latest version&gt; 2. Upgrade &amp; Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 &lt;ABAB or Java&gt;</td>
</tr>
<tr>
<td>3 Software Calculation &amp; Download</td>
<td>Create the maintenance transaction in SAP Solution Manager Maintenance Optimizer to calculate the required software packages.</td>
<td>Maintenance Planning Guide at <a href="http://service.sap.com/mopz">http://service.sap.com/mopz</a> under the section How-To's and Guides</td>
</tr>
<tr>
<td>Sequence of Steps</td>
<td>Step Descriptions</td>
<td>Documentation</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>4</td>
<td><strong>SAP System Upgrade</strong>&lt;br&gt;Run Software Update Manager (SUM) to upgrade your system to the target release including the selected software packages. This is described in the relevant SUM guide [1]. Check also the SAP application-specific upgrade guide [2].</td>
<td>Both guides are found at: <a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> → Installation &amp; Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13&lt;br&gt;&lt;br&gt;1. <strong>Upgrade Guide - Update of SAP Systems Using the Software Update Manager &lt;latest version&gt;</strong>&lt;br&gt;&lt;br&gt;<strong>NOTE</strong>&lt;br&gt;You always need to use the latest version of the SUM tool and guide. Only the latest guide version is available at the SAP Service Marketplace.&lt;br&gt;&lt;br&gt;2. <strong>Upgrade &amp; Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 &lt;ABAB or Java&gt;</strong></td>
</tr>
<tr>
<td>5</td>
<td><strong>Post-Upgrade Steps</strong>&lt;br&gt;Perform technical and application-specific follow-up activities after the upgrade is finished. This is described in the relevant Software Update Manager guide [1]. Check also the SAP application-specific upgrade guide [2].</td>
<td>Both guides are found at: <a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> → Installation &amp; Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13&lt;br&gt;&lt;br&gt;1. <strong>Upgrade Guide - Update of SAP Systems Using the Software Update Manager &lt;latest version&gt;</strong>&lt;br&gt;&lt;br&gt;<strong>NOTE</strong>&lt;br&gt;You always need to use the latest version of the SUM tool and guide. Only the latest guide version is available at the SAP Service Marketplace.&lt;br&gt;&lt;br&gt;2. <strong>Upgrade &amp; Update Guide - SAP Supplier Relationship Management 7.0 Enhancement Package 4 &lt;ABAB or Java&gt;</strong></td>
</tr>
</tbody>
</table>
### 1.4 Important SAP Notes

You must read the SAP Installation Notes before you start the installation. These SAP Notes contain the most recent information about 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 in the SAP Service Marketplace at [http://service.sap.com/notes](http://service.sap.com/notes).

<table>
<thead>
<tr>
<th>SAP Note</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1224284</td>
<td>Enterprise Services Bundles – Required Technical Usages and Business Functions</td>
<td>Lists business-related grouping of Enterprise Services</td>
</tr>
<tr>
<td>1261825</td>
<td>SAP SRM 7.xx : Information on PFCG Roles and Portal Roles</td>
<td></td>
</tr>
<tr>
<td>1818517</td>
<td>SAP SRM 7.0 EHP 3 SP Stacks – Release and Information Note</td>
<td>Release and Information Note for SAP enhancement package 3 for SAP SRM 7.0</td>
</tr>
<tr>
<td>Note ID</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>1866276</td>
<td>Installing SRM SAP Enhancement Package 3 for ERP</td>
<td></td>
</tr>
<tr>
<td>1515223</td>
<td>SAP NetWeaver Process Integration: Release Recommendation</td>
<td></td>
</tr>
<tr>
<td>1468349</td>
<td>Installation Options with SAP NetWeaver 7.3 (for Java Hubs)</td>
<td></td>
</tr>
<tr>
<td>1548532</td>
<td>SRM-MDM Catalog 7.02 Repository information</td>
<td></td>
</tr>
<tr>
<td>1585352</td>
<td>SRM-MDM Catalog 7.02 Installation and Configuration</td>
<td></td>
</tr>
<tr>
<td>1641128</td>
<td>SRM-MDM Catalog 7.02 Upgrade from SRM-MDM Catalog 7.01</td>
<td></td>
</tr>
<tr>
<td>1585348</td>
<td>SRM-MDM Catalog 7.02 Upgrade from SRM-MDM Catalog 3.0</td>
<td></td>
</tr>
<tr>
<td>1585347</td>
<td>SRM-MDM Catalog 7.02 Upgrade from SRM-MDM Catalog 2.0 SP04</td>
<td></td>
</tr>
<tr>
<td>1641186</td>
<td>SRM-MDM Catalog 7.02 Configuration</td>
<td></td>
</tr>
<tr>
<td>1886018</td>
<td>Installing the SRM and APO add-ons jointly on an ERP</td>
<td></td>
</tr>
</tbody>
</table>

This note describes which applications can run on a hub system with SAP NetWeaver 7.3 and as of which start release or SAP Enhancement Package this is possible.
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2 SAP SRM Overview

This section gives you an overview of the application components of SAP Supplier Relationship Management (SAP SRM). It also provides system landscape and installation sequence information, as well as a brief introduction to the SAP enhancement package concept, Service Oriented Architecture (SOA), and the One Client deployment option.

2.1 Software Units of SAP SRM

This section provides additional information about the primary application and technology components that comprise SAP enhancement package 3 for SAP SRM 7.0.

2.1.1 Application Components: SAP SRM Software Units

- SAP Supplier Relationship Management Server
  The SAP Supplier Relationship Management Server (SAP SRM Server) includes both SAP SRM and SAP Bidding Engine.
  SAPSRM is based on SAP NetWeaver Application Server® (SAP NetWeaver AS) and is an application and database instance installation released on several database and operating system platforms (for more information, see SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms).)

- SAP Bidding Engine
  Purchasers can use SAP Bidding Engine to create and process RFxs, and bidders can use SAP Bidding Engine to submit bids in response to these RFxs. Both purchasers and bidders can use reverse auction functions in a separate Live Auction application. Purchasers can define rules for bidding and bidders can submit bids in real time.

- Online Transaction Processing System
  An online transaction processing system (OLTP), for example, an SAP ERP system, is used in the SAP SRM environment as a back-end system for materials management and financials.
  Data is exchanged between the SAP SRM system and a connected OLTP system.
  The SAP SRM system can be installed without an OLTP back end in a standalone configuration.
  If an SAP ERP system is used as an OLTP system, the plug-in supports data exchange in SAP SRM as well as in other SAP software units.

- SAP NetWeaver Business Intelligence
SAP NetWeaver Business Intelligence (SAP NetWeaver BI) provides infrastructure for the following:

- Data warehousing
- A range of analytical technologies and functions
- Web-based reporting and analysis
- Information Broadcasting for distributing BI Content using e-mail or the workset, either as precalculated documents with stored data or as links with live data
- Open analysis interfaces that make available various interfaces for connecting front-end tools of third-party providers
- Web design Application Programming Interface (API) allowing for the implementation of highly individualized scenarios as well as more demanding applications containing customer-defined interface elements

SAP NetWeaver BI is the foundation for the SAP SRM scenario Spend Analysis, and can be installed for the other SAP SRM scenarios as well. SAP NetWeaver BI includes the complete ABAP stack of the SAP NetWeaver BI data warehouse and SAP NetWeaver BI platform units.

SAP NetWeaver BI requires that AS-ABAP be installed in the same system as a prerequisite. Usually, scenarios running on SAP NetWeaver BI also require BI-Java, AS-Java, and SAP NetWeaver Portal. Other combinations can be used in one system as well.

- **SAP NetWeaver Portal**

  SAP NetWeaver Portal serves as a single point of entry to the applications, services, and information of the organization.

  Running SAP NetWeaver Portal is an IT scenario providing role-based and secure access to all types of applications, services, and information in an enterprise workset environment.

  Customers can benefit from the numerous predefined business packages available to them, or they can create their own content.

- **Live Auction Cockpit Web Presentation Server**

  Live Auction Cockpit (LAC) Web Presentation Server is a J2EE-based software unit comprising a virtual auction floor for reverse auctions, real-time monitoring, real-time bidding, a tight integration to all procurement processes, and a state-of-the-art user interface.

  **NOTE**

  As of SAP enhancement package 1 of SAP SRM 7.0, this functionality is also available on the SAP SRM ABAP Server.

- **Search and Classification (TREX)**

  The SAP NetWeaver standalone engine Search and Classification (TREX) offers an integrated set of services.

  TREX services include search and retrieval in large document collections, text mining, automatic document classification, and search and aggregation over structured data in SAP applications.

  TREX can handle text from documents in numerous formats, including Microsoft Office and Adobe formats (PDF), and more than 30 languages. TREX search options, such as exact, Boolean,
fuzzy, or linguistic search, and classification options such as query-based or example-based classification, offer users great power and flexibility.

**NOTE**
To use the SAP NetWeaver Enterprise Search application Embedded Search, you must install TREX 7.1.

- **SRM-MDM Catalog**
  The SRM-MDM Catalog is based on SAP NetWeaver Master Data Management (MDM) technology. It combines MDM Server 7.1 with a Java-based and SAP SRM-specific search environment.

### 2.1.2 Technology Components

The following technology components are software and middleware components for implementing and supporting SAP Business Suite solutions:

- **SAP NetWeaver Process Integration**
  
  **CAUTION**
  Separate licensing is required for SAP NetWeaver Process Integration (SAP NetWeaver PI) if SAP SRM is used to connect with non-SAP systems or with external trading partners.

  SAP NetWeaver PI comprises core components for modeling, designing, automating, and integrating the processes of one or more application systems. SAP NetWeaver PI also contains core components for Business Process Management for application-embedded and application-unbounded processes.

- **SAP GUI**
  The latest release of the SAP GUI software (such as SAP GUI 7.10) can be used with all the previous SAP component releases. Consequently, older SAP systems can also benefit from the features that are only available in the newer SAP GUI releases, such as support for Windows XP.

  **NOTE**
  Use the latest available front-end software.

- **SAP NetWeaver Application Server**
  SAP NetWeaver Application Server (SAP NetWeaver AS) is the application platform of SAP NetWeaver and, consequently, of the SAP Business Suite. It provides the technological foundation for all other SAP software units.

  Since SAP NetWeaver AS comprises the ABAP Engine, Java Engine, or both, it can provide a runtime environment for both ABAP and Java applications.

### 2.1.3 Non-SAP Components

SAP SRM does not include any non-SAP components.
2.2 Software Component Matrix

For an overview of SAP Supplier Relationship Management (SAP SRM) business scenarios and their associated software units, see the Software Component Matrix for SAP enhancement package 3 for SAP Supplier Relationship Management 7.0 (SAP enhancement package 3 for SAP SRM 7.0) on SAP Service Marketplace at [http://service.sap.com/srm-inst](http://service.sap.com/srm-inst) → SAP SRM → SAP SRM Server 7.13.

NOTE

The Scenario and Process Component List (SCL) is a tool that allows you to find implementation alternatives for SAP solutions, business scenarios, and processes for your SAP enhancement package installation. It shows you which application components are needed to implement a business scenario or process. For more information, see the Appendix [page 107] in this master guide. You can find the SCL on SAP Service Marketplace at [http://service.sap.com/scl](http://service.sap.com/scl).

For the latest component version and patch level requirements, as well as the Release Information Note (RIN) available for each support package stack, see SAP Service Marketplace at [http://service.sap.com/sp-stacks](http://service.sap.com/sp-stacks) → SAP enhancement package 3 for SAP SRM 7.0. On the following screen, select a support package and choose Show Stack Information to view the corresponding SAP Note for that support package. For SAP enhancement package 3 for SAP SRM 7.0 SP01, see SAP Note 1818517.

The exact locations of the required software components on the corresponding DVDs and CDs that are shipped with the SAP enhancement package 3 for SAP Supplier Relationship Management (SAP SRM) 7.0 package can be found at SAP Service Marketplace at [http://service.sap.com/srm-inst](http://service.sap.com/srm-inst) → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13.

NOTE

For each component listed in the software component matrix, there are software requirements that are not explicitly mentioned in this documentation. Component-specific software requirements are documented for a component in its installation guide. All related implementation guides are listed in section 7, References.

You require Search and Classification 7.1 (TREX 7.1) in the following cases:

- When you use the contract management application to search for information such as supplier texts, internal notes, and attachments.
- When you want to use the metadata search functionality or use SAP NetWeaver Business Intelligence (SAP NetWeaver BI) Accelerator in Analytics.
2.3 SAP Enhancement Packages

2.3.1 Enhancement Package Key Concept

We have adapted our major release strategy to better fit your adoption cycle. To ensure that you benefit from new developments and innovations while minimizing the impact on your core operational systems, SAP uses enhancement packages to speed up the delivery of new functions.

With SAP enhancement packages, you can install and activate new functions depending on your business needs without having to perform a system upgrade. You can selectively implement the new functions and activate the software upon business demand. As a result, you can isolate the impact of software updates and make new functions available faster due to shortened test cycles.

Implementation

There are three different scenarios to implement an enhancement package:

- Installation of an enhancement package on an existing SAP system (update)
- New installation of an SAP system including an enhancement package (installation)
- Upgrade of an SAP system including an enhancement package (upgrade)

To implement new business functions you carry out the following two steps:

- Technical installation of an enhancement package
- Activation of business functions using the switch framework technology

You have a choice on both levels—installation and activation. You do not need to install a full enhancement package. Instead, you can update the software components that are related to the functional enhancements you want to use.

NOTE

Keep in mind that you cannot mix the installation of different enhancement package versions in your ABAP-based SAP system. You can have just one enhancement package version in the SAP system.

From a business point of view, functional enhancements are grouped into business functions (BFs). The technical installation of the business functions does not change the system behavior. The new functions are available in the system, but are not active. After the installation, no user interface or process change takes place. You must explicitly activate new functions so that they become visible in the system. As a result, changes are predictable and there are no side effects as only the activated areas change.

With the switch framework technology (transaction SFW5), it is possible to control the activation of new SAP objects in ABAP-based SAP systems. The activation process triggers a background job that automatically performs all changes in the SAP system.
CAUTION

You cannot reverse most business function once they are activated. Due to technical restrictions, only a limited number of business functions are reversible.

After you have activated a business function, you can see the changes and new developments in the SAP system, for example:

- Menu entries
- New screens
- New fields on the application user interfaces
- IMG activities required for the implementation
- New table entries in Customizing tables and system tables

You can create a transport request with the current settings of the switch framework. You can check functional changes and the impact of an activated business function in advance in the business function documentation.

RECOMMENDATION

Test the installation and activation on a sandbox system.

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- IMG activities required for the implementation
- New table entries in Customizing tables and system tables
You can create a transport request with the current settings of the switch framework. You can check functional changes and the impact of an activated business function in advance in the business function documentation.

**RECOMMENDATION**
Test the installation and activation on a sandbox system.

**Maintenance**
SAP enhancement packages have Support Packages of their own that are equivalent to the Support Package versions of the underlying SAP system. We highly recommend installing the enhancement package in combination with the latest available Support Package stack. This approach reduces installation, modification adjustment, and testing effort. Using this strategy, you can install SAP enhancement packages as a normal maintenance activity together with Support Package stacks. An enhancement package requires a specific Support Package stack level in the source release SAP system.

**NOTE**
If the SAP system is on a lower Support Package stack level, all relevant Support Package stacks for the EHP installation are automatically included into the download queue by the Maintenance Optimizer, as well as the latest available Support Packages for the enhancement package.

**Tools**
The enhancement package installation requires the following tools:
- Software Update Manager (SUM)
- Installation or upgrade tools (depending on your scenario)

For the new installation of an SAP system including enhancement package you use the standard installation tool (SAPinst)

To install an enhancement package on an existing SAP system, as well as for the upgrade of an SAP System to a higher release including an enhancement package, you use the Software Update Manager (SUM)

### 2.3.2 Key Facts About Enhancement Packages
The following list summarizes important facts about the enhancement package concept and recommended approaches:
- Install only selected parts of the enhancement package. The selection is driven by the functional need from a business point of view.
- You cannot mix the installation of different enhancement package versions in your ABAP-based SAP system. You can have just one enhancement package version in the SAP system. This means,
if you have already updated technical usages to a previous EHP you need to apply the current EHP to those components as well.

- SAP enhancement packages are cumulative, meaning that each new enhancement package includes new innovations of its own as well as all innovations delivered with prior packages.
- We recommend installing the latest available enhancement package version.
- Install enhancement packages and Support Packages in one single step (this includes the preconditioned Support Packages).
- SAP enhancement packages have Support Packages of their own that are equivalent to the Support Package versions of the underlying SAP system.
- SAP enhancement packages have the same maintenance period as the underlying core application.
- The installation of an enhancement package is irreversible.
- As long as you do not activate a business function, the installation of an enhancement package has no impact on existing business processes or user interfaces.
- You can only activate business functions in ABAP-based systems, not in Java-based SAP systems.
- The activation of most business functions and extension sets is irreversible. Only a small number of business functions is reversible.
- Test the installation process and activation of new functions in advance on a sandbox system.
- Ensure that you evaluate the runtime and the SAP system behavior, its dependencies and impacts.
- Make sure that your SAP system is free of errors before going live.

### 2.4 Installation Options with SAP NetWeaver 7.3 (for Java Hubs)

For SAP Business Suite applications as of SAP Business Suite 7 that are based on an Application Server Java and on hub systems, you can install these applications on SAP NetWeaver 7.3. You can also change from your current release to SAP NetWeaver 7.3. Changing means upgrading or updating. The following approaches for system landscapes for SAP NetWeaver 7.3 are possible:

- Upgrading to SAP NetWeaver 7.3 works for hub systems.
- Embedded deployment continues to work only for SAP NetWeaver 7.0x releases and their enhancement packages (this means, for example, for SAP NetWeaver 7.00, SAP NetWeaver 7.01, and SAP NetWeaver 7.02).

For more information about the technical background, see SAP Note 1468349. There you can find a list of all the Java hubs that you can install on SAP NetWeaver 7.3.

**NOTE**

If you want to install Business Suite Java applications, we strongly recommend that you use SAP NetWeaver 7.3 as the platform for your hub systems.
2.5 **Overall Installation Sequence**

**Purpose**

The following figure describes the installation sequence for SAP SRM comprising components of all SAP SRM business scenarios:

![Diagram of SAP SRM components]

Figure 2:

**NOTE**

Some of these software components may be optional for some/all business scenarios. For more information about the installation sequence of each business scenario, see <Business Scenario> Implementation Sequence.

If you want to implement more than one SAP SRM business scenario at once, note that software components on the same level can be installed at the same time on the appropriate machine. For example, different project groups can install SAP ERP and SAP NetWeaver Process Integration (SAP NetWeaver PI) simultaneously.

2.6 **Overall Upgrade Sequence**

This chapter is only relevant if you run an SAP Supplier Relationship Management (SAP SRM) system with a version lower than SAP SRM 7.0. In this case, we recommend that you combine the upgrade with the implementation of SAP enhancement packages. For more information about the necessary upgrade steps and relevant references, see this chapter. For more information about the possible upgrade scenarios and the combination with SAP enhancement package installation, see Enhancement Package Implementation [external document].

The following table describes the overall upgrade sequence for SAP SRM. This table contains all available software units. However, to run a specific scenario, you only need a subset of available software units. Some are only required for special processes. For information about which software is required to run a specific scenario, see the Software Component Matrix [external document].
For the latest component version and patch level requirements, see http://service.sap.com/sp-stacks.

For documentation listed in the following table, see References [page 103].

<table>
<thead>
<tr>
<th>No.</th>
<th>Action</th>
<th>[Corresponding Documentation]</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
</table>
| 1   | Install or upgrade to SAP NetWeaver Process Integration (SAP NetWeaver PI).  
[Master guide SAP enhancement package 4 for SAP NetWeaver 7.0]  
[Upgrade guide SAP enhancement package 4 for SAP NetWeaver 7.0 Application Server ABAP]  
[Upgrade guide SAP enhancement package 4 for SAP NetWeaver 7.0 Java] | As of SAP SRM 2.0, SAP NetWeaver PI is used as the central messaging platform. Consequently, SAP NetWeaver PI replaces the communication platform SAP Business Connector. SAP Business Connector is no longer supported.  
You can perform the upgrades for SAP NetWeaver PI and SAP SRM components at the same time.  
Afterwards, you must perform the configuration steps as described for the relevant business scenario in the SAP Solution Manager content for SAP SRM. |
| 2   | Import integration objects for SAP SRM into SAP NetWeaver PI.  
Import the SAP NetWeaver Process Integration Content (SAP NetWeaver XI Content) for the following components:  
■ SRM Server 7.13  
■ BI Content 7.47  
■ SRM-MDM Catalog 7.03 | If you have your own X17.02 content, you can reuse it for SAP NetWeaver PI/SAP enhancement package 3 for SAP SRM 7.0. See the Upgrade guide — SAP enhancement package 3 for SAP NetWeaver 7.0 for this. If you have no XI content of your own, use the SAP SRM XI Content delivered with SAP enhancement package 3 for SAP SRM 7.0. |
| 3   | Upgrade to SAP SRM Server 7.13  
■ SAP Note 844816  
■ SAP Note 844817  
■ SAP Note 809820 |
<p>| 4   | Uninstall the old release of SAP Internet Pricing and Configurator (IPC). |  |
| 5   | Install SRM-MDM Catalog. | If you are using upgrade tool SUM, the Java and Portal components of SRM-MDM Catalog are automatically upgraded. However, the complete SRM-MDM Catalog upgrade is not automatic. For more information, see the upgrade guides for SRM-MDM Catalog 2.0 and SRM-MDM Catalog 3.0 on SAP Service Marketplace at http:// |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Action</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
</table>
| 6   | Install SAP NetWeaver® Search and Classification 7.1 (TREX). Use the following parameters during the installation (for more information about them, see the documentation listed below):  
- Perform the installation steps to set up an RFC connection.  
- Automatic language recognition is not required. You can adopt the default settings for document languages during the course of this installation step.  
- No Python extensions are required. [Installation guide — SAP enhancement package 4 for SAP NetWeaver 7.0: Search and Classification (TREX)] | service.sap.com/instguides \rightarrow SAP Business Suite Applications \rightarrow SAP SRM \rightarrow SAP SRM 7.13 |
| 7   | Upgrade SAP SRM Server for supplier self-services (SUS). [Installation guide — SAP SRM Server on <Platform>:<Database>] | You can either install a separate SAP SRM Server for SUS or use the SAP SRM Server that you installed in step 3 for this purpose. |
| 8   | Upgrade to SAP enhancement package 3 for SAP NetWeaver Business Intelligence 7.0 (SAP enhancement package 4 for SAP NetWeaver BI 7.0) [Upgrade guide — SAP enhancement package 3 for SAP NetWeaver BI 7.0: <Operating System>] | Basis plug-in PL_BASIS 7.02 is included in the upgrade to SAP enhancement package 4 for SAP NetWeaver BI 7.0.  
After the BI ABAP upgrade, install the Java components of SAP NetWeaver BI (BI-Java) to take advantage of all new functionality. For more information, see the installation guide for SAP enhancement package 4 for SAP NetWeaver 7.0. |
| 9   | Install SAP enhancement package 4 for SAP NetWeaver Portal 7.0. [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0] | The following two options are available:  
- If you are using the SAPJup upgrade tool, the underlying SAP NetWeaver release is automatically upgraded to SAP enhancement package 4 for SAP NetWeaver 7.0.  
- If you are using the SAPehpi upgrade tool, the underlying SAP NetWeaver release is not automatically upgraded to SAP enhancement package 4 for SAP NetWeaver 7.0. You must manually select this upgrade option. |
| 10  | Import the following Business Package into SAP NetWeaver Portal:  
- Business Package for SAP SRM 7.0 EHP3 | Download the Business Packages from the SAP Developer Network [www.sdn.sap.com \rightarrow Portal Content Portfolio] |
2.7 Automated Post-Installation Configuration Tools

As of enhancement package 3 for SAP Supplier Relationship Management 7.0, the following automatic configuration tools are available, which reduce the amount of configuration required for the technical setup of systems during installation.

2.7.1 Automated Configuration of the Portal Systems

You can automate the mandatory configuration steps necessary to configure the integration of the SAP SRM and SAP NetWeaver Portal systems. For more information about automating this integration, see SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 → Guide for Automated Configuration: SAP SRM Portal.

2.7.2 Automated Configuration of SAP SRM and SAP ERP System Integration

You can automate the mandatory configuration steps necessary to configure the integration of the SAP SRM and SAP ERP systems. For more information about automating this integration, see SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 → Guide for Automated Configuration: Connecting SAP SRM to SAP ERP.

2.7.3 Automated Configuration of SAP SRM and Other SAP ERP Components on One Client

You can automate the mandatory configuration steps necessary to configure the integration of the SAP SRM system and SAP SRM on One Client in SAP ERP. For more information about automating this integration, see SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 → Guide for Automated Configuration: Connecting SAP SRM to One Client.

2.7.4 Automated Configuration of SAP SRM and SAP NetWeaver BW System Integration

You can automate the mandatory configuration steps necessary to configure the integration of the SAP SRM and SAP NetWeaver Business Warehouse (SAP NetWeaver BW) systems. For more information about automating this integration, see SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13 → Guide for Automated Configuration: Connecting SAP SRM to SAP BW.
2.8 Service-Oriented Architecture (SOA)

SAP’s delivery on SOA (service-oriented architecture) differs from the pure architectural concept of SOA in the delivery of ready-to-use enterprise services. Enterprise services are SAP-defined Web services which provide end-to-end business processes or individual business process steps that can be used to compose business scenarios while ensuring business integrity and ease of reuse. SAP designs and implements enterprise service interfaces to ensure semantic harmonization and business relevance. This section deals with the service-enablement of SAP Global Batch Traceability.

2.8.1 Service Enablement

The service enablement of SAP Business Suite consists of one or more of the following SAP components:

- **SAP Business Suite 7**
  
  Enterprise services are an integral part of the software components of the SAP Business Suite applications. Enterprise services are the technical interfaces to the functionality available in the business application.

- **SAP NetWeaver PI 7.0 or higher**
  
  SAP NetWeaver Process Integration (SAP NetWeaver PI) is an open integration and application platform that provides tools enabling you to set up a service-oriented architecture for business applications. You can use the platform for providing, discovering, and consuming services, integrating applications using the integration server, and managing business processes. Process integration is required in a runtime environment to consume enterprise services in a mediated scenario.

  We recommend that you use the highest version of SAP NetWeaver Process Integration (PI). For more information, see SAP Note 1515223 and SAP Note 1388258.

  **NOTE**
  
  Starting with SAP NetWeaver Process Integration (PI) 7.3, SAP provides a new installation option Advanced Adapter Engine Extended (AEX). Since AEX is based on AS Java alone, it is easier to install and maintain as well as it needs less memory and data storage. Therefore, AEX is a cost-saving option compared to a full installation of SAP NetWeaver PI. For more information about the AEX, see the SAP Library at: [http://help.sap.com/nw73](http://help.sap.com/nw73) → SAP NetWeaver 7.3 Library English → SAP NetWeaver Process Integration → Concepts → Installation and Connectivity Options → Advanced Adapter Engine Extended and SAP Note 1573180.

  **NOTE**
  
  Asynchronous services that are enabled for Web Services Reliable Messaging (WS-RM) can be called in a point-to-point communication scenario. Otherwise asynchronous services can only be consumed in a mediated scenario.

- **Enterprise Services Repository**
The Enterprise Services Repository (ES Repository) is the central repository that contains the definition of all enterprise services and models. The ES Repository is shipped with SAP NetWeaver PI and with SAP NetWeaver Composition Environment (CE) starting with SAP NetWeaver PI 7.1 and with SAP NetWeaver CE 7.1. The Enterprise Services Repository is a design time environment that enables you to create and enhance enterprise service definitions and to view enterprise service models.

**NOTE**

In a SAP NetWeaver 7.0x landscape you will require the Integration Repository to create and enhance enterprise service definitions in a design time environment.

- **Services Registry**
  
The Services Registry is shipped with SAP NetWeaver PI and SAP NetWeaver CE starting with SAP NetWeaver PI 7.1 and SAP NetWeaver CE 7.1. The Service Registry is required for the publication of enterprise service end-points (Web services) that have been configured and activated in the SAP Business Suite.

- **SAP NetWeaver CE 7.1 or higher**
  
The SAP NetWeaver Composition Environment (SAP NetWeaver CE) provides a robust environment for the design and implementation of composite applications. The design time environment of SAP NetWeaver CE can be used for the model-driven design and development of composite applications based on enterprise services. SAP NetWeaver CE offers the tools and the environment necessary for running composite applications fast and efficiently in a runtime environment.

- **SAP Solution Manager 7.0 EHP 1**
  
The Solution Composer, shipped with SAP Solution Manager 7.0 EHP 1 SP 23, is required to host the enterprise service online documentation.
The following table describes the SAP applications required or recommended for different runtime and design time use cases:

<table>
<thead>
<tr>
<th>SAP Applications</th>
<th>SAP Business Suite</th>
<th>SAP NetWeaver PI 7.0x (Integration Repository)</th>
<th>SAP NetWeaver PI 7.1 or higher (ES Repository)</th>
<th>SAP NetWeaver CE 7.1 or higher (ES Repository)</th>
<th>SAP Solution Manager 7.0 EHP1 or higher (Solution Composer)</th>
<th>SAP NetWeaver 7.1 or higher Services Registry</th>
</tr>
</thead>
</table>

**Runtime Usage:**
- **Enterprise Service Provisioning:**
  - Required
  - Optional
- **Process integration and mediated communication:**
  - One option required

**Design Time Usage:**
- **Create and enhance enterprise service definitions:**
  - Required
  - One option required
  - Recommended
- **View enterprise service models:**
  - One Option Required
  - Recommended
- **Design and develop:**
  - Required
  - Recommended
  - Recommended

**Figure 3:** Overview: SAP’s Applications for SOA Enablement
### 2.8.2 Installation of the Service-Oriented Architecture (SOA)

The installation of service interfaces, and therefore the service enablement of SAP Business Suite, consists of one or more of the following phases:

- **Identification of software components and required business functions**
  
  You use the technical data section of the enterprise service documentation to identify the following data for each enterprise service:
  
  - the software component version with which the service was shipped
  - the business function(s) required to be activated

- **Selection and installation together with the other parts of the enhancement package**
  
  In the enhancement package installation process you must select all the technical usages you have identified for service enablement together with the technical usages you identified for enhanced features in SAP Business Suite. The selected technical usages will install the corresponding software components that contain the enterprise services interfaces and implementations.

- **Enterprise service definitions for SAP NetWeaver PI 7.0x or ES Repository (SAP NetWeaver 7.1 or higher) (optional)**
  
  To install the content required for the enterprise service definitions you must select the technical usage “XI Content” in the enhancement package installation process. This usage type downloads the content files for SAP NetWeaver 7.0 or higher. Unpack the ZIP file and copy the tpz files corresponding to your SAP NetWeaver version into the import directory of your Integration Repository (for SAP NetWeaver PI 7.0x) or Enterprise Services Repository (for SAP NetWeaver ES Repository 7.1 or higher). Use the import function to import the content files into the corresponding repository (Integration Repository or Enterprise Services Repository). (Choose Tools → Import Design Objects)

- **Enterprise service models for ES Repository (SAP NetWeaver 7.1 or higher) (optional)**
  
  To install the content required for the enterprise service models you must select the technical usage “ESR Content” in the enhancement package installation process. This usage type downloads the content files for SAP NetWeaver ES Repository 7.1 or higher. Unpack the ZIP file and copy the tpz files into the import directory of your Enterprise Services Repository. Use the import function
to import the content files into the Enterprise Services Repository. (Choose \Tools \Import design objects \)

NOTE
The enterprise service models are not available for the Integration Repository (SAP NetWeaver PI 7.0x).

- **Enterprise service online documentation for Solution Composer** (optional)
  To install the content required for the enterprise service online documentation you must download the content file for the corresponding Business Suite application product version from the Service Marketplace. Then you must import the content file into your Solution Composer. Refer to SAP Note 1224284 for further information.

- **Services Registry** (optional)
  The services registry is shipped starting with SAP NetWeaver PI 7.1 and CE 7.1. You must install the services registry and then publish the enterprise services from the Business Suite application to the registry using the transaction SOAMANAGER in the backend.
  For further information regarding the installation of SAP NetWeaver PI, CE and ES Repository, refer to the corresponding SAP NetWeaver Installation and Master Guides.

### 2.8.3 Related Documentation

For more information about the service-oriented architecture (SOA), see the following information sources:

- The SAP Enterprise Service Workplace at [http://ESWorkplace.sap.com](http://ESWorkplace.sap.com)
- The Enterprise Services Wiki in the SAP Network at [https://wiki.sdn.sap.com/wiki/x/LQ0](https://wiki.sdn.sap.com/wiki/x/LQ0) (registration required)
- SAP Note 1224284: Enterprise Services, Installing and Accessing the SOA Documentation
- SAP Note 1359215: Technical prerequisites for using enterprise services (relevant for ERP only)
- SAP note 838402: Problems with non-Unicode system landscapes

### 2.9 SAP SRM on One Client in SAP ERP

**More Information**

NOTE
The SAP enhancement package 3 for SAP SRM 7.0 One Client deployment mode is only possible with SAP enhancement package 6 for SAP ERP 6.0.

For more information about the installation of SAP SRM, see SAP Note 963000.
For more information about the basic settings for SAP SRM on One Client in SAP ERP, see SAP Solution Manager at [SAP ERP ➔ Configuration Structures ➔ SAP enhancement package 6 for SAP ERP 6.0 ➔ Basic settings for enhancement pack 6](#).

2.10 Flexible Deployment Variants

The following flexible deployment variants are available in SAP enhancement package 3 for SAP SRM 7.0:

- **Portal-Independent Navigation Frame**
  You can use this function to work with SAP SRM if you are not using the SAP NetWeaver Portal and therefore cannot use its navigation frame. When using the portal-independent navigation frame, an inbox for processing work items, alerts, and notifications is also available.

- **BW-Independent Analytics**
  You can use several reports that allow you to analyze data directly in your SAP SRM system. To use these reports, you do not have to install an SAP NetWeaver Business Warehouse (SAP NetWeaver BW) system. To use advanced layout and visualization functions, you can integrate the reports with Crystal Reports technology.

- **PI-Independent Enterprise Services**
  You can use this function to enable point-to-point communication between SAP Business Suite applications for asynchronous enterprise services with compatible signatures. PI-independent enterprise services are based on the Web Service Reliable Messaging (WSRM) protocol and do not require the installation of an integration server such as SAP NetWeaver Process Integration (SAP NetWeaver PI).

**Configuration**

See SAP Solution Manager content for flexible deployment variants. For more information, see SAP Note 1853038.

2.10.1 Deployment Options

You can use the following deployment options to run the Portal-independent navigation frame, the inbox, BW-independent analytics, and PI-independent services in SAP enhancement package 3 for SAP SRM:

- SAP SRM
- SAP SRM on One Client in SAP ERP

For more information about what scenarios and functions are supported for SAP SRM on One Client in SAP ERP, see section [SAP SRM on One Client in SAP ERP](#) in this document.

The following solutions are **not supported** in combination with flexible deployment variants:

- Supplier self-services (SUS)
Registration of suppliers (ROS)

Harmonized roles consist of SAP ERP content and a workflow-based inbox. Because the inbox can only display work items from a local back-end system, the inbox does not display the work items from SAP ERP. However, the release procedure is not affected by this restriction.

2.10.2 Technical Scenarios

Flexible deployment variants in SAP enhancement package 3 for SAP SRM are compatible with the following technical scenarios:

- Classic
- Extended Classic
- Standalone

If you use SAP SRM on One Client with SAP ERP, only the Classic scenario is supported.

2.10.3 Business Scenarios

In this section, you can find information about restrictions in the compatibility of the flexible deployment variants with the SAP SRM business scenarios.

**Portal-Independent Navigation Frame**

You can use the portal-independent navigation frame with all of the business scenarios in SAP SRM.

**BW-Independent Analytics**

You can use BW-independent analytics with all of the business scenarios in SAP SRM except for the Spend Analysis and Supplier Evaluation business scenarios.

**PI-Independent Services**

You can use PI-independent services with all of the business scenarios in SAP SRM except for Catalog Content Management, where catalog upload is not possible without PI. To enable this feature, you must activate business function SRM, PI-Independent Enterprise Services (Reversible) (SRM_WSWM_1).
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3  Business Scenarios of SAP SRM

CAUTION
This Master Guide provides just one way of implementing each business scenario. See the Scenario & Process Component List in SAP Service Marketplace (http://service.sap.com/scl) for alternatives. The Scenario & Process Component List helps you to find realization alternatives for SAP solutions, business scenarios, and processes. It shows you which application components are needed to realize a business scenario or process.

3.1 Self-Service Procurement

For this business scenario, the following topics are covered:
- Overview Self-Service Procurement (Classic)
- Overview Self-Service Procurement (Extended Classic)
- Technical System Landscape
- Implementation sequence

3.1.1 Overview of Self-Service Procurement (Classic)

Your employees can use this business scenario to create and manage their own requisitions. This relieves your purchasing department of a huge administrative burden while making the procurement process faster and more responsive.

In this scenario, only the shopping cart is created in the SAP Supplier Relationship Management (SAP SRM) system. All other procurement documents, such as purchase orders, goods receipts, and invoices, are located in the back-end system.

This business scenario is modified if you have activated the SRM, PI-Independent Enterprise Services (SRM_WSRM_1) business function. This business function allows you to run the entire scenario without the need for the SAP NetWeaver Portal.

The Self-Service Procurement (Classic) business scenario comprises these process steps:
1. Processing Shopping Carts
2. Processing Purchase Requisitions in SAP ERP
3. Processing Purchase Orders in SAP ERP
4. Inbound Processing and Receipt Confirmation with Warehouse Management
5. Verifying Logistics Invoices Online/In Background
6. Analyzing Self-Service Procurement

3.1.2 Overview of Self-Service Procurement (Extended Classic)

Your employees can use this business scenario to create and manage their own requisitions. This relieves your purchasing department of a huge administrative burden, while making the procurement process faster and more responsive.

In this scenario, shopping carts and purchase orders are created in the SAP Supplier Relationship Management (SAP SRM) system and are then replicated to the back-end system. The purchase order in SAP SRM is the leading purchase order. It cannot be changed in the back-end system. Goods receipts and invoices can be pre-entered in SAP SRM or entered directly in the back-end system. Sourcing, pricing, and tax determination take place in SAP SRM.

The Self-Service Procurement (Extended Classic) business scenario comprises these process steps:

1. Processing Shopping Carts
2. Searching for Sources of Supply Centrally
3. Processing Purchase Orders in SAP SRM
4. Inbound Processing and Receipt Confirmation without Warehouse Management
5. Confirming Receipt of Inbound Goods in SAP SRM
6. Processing Invoices in SAP SRM
7. Verifying Logistics Invoices (Online/In Background)
8. Analyzing Self-Service Procurement

3.1.3 Technical System Landscape

NOTE

For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at http://service.sap.com/platforms
- System Landscape Optimization on SAP Service Marketplace at http://service.sap.com/slo

The following figure shows the underlying architecture of Self-Service Procurement:
3.1.4 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

**Installation**

**NOTE**
- See the section Overall Installation Sequence [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section References [page 103].

<table>
<thead>
<tr>
<th>No.</th>
<th>Action (Corresponding Documentation)</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Install SAP NetWeaver Process Integration (SAP NetWeaver PI). [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]</td>
<td>The use of SAP NetWeaver PI is optional but it is required for outbound XML-based messaging or for connecting non-SAP planning or execution systems.</td>
</tr>
</tbody>
</table>

Figure 4:

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03.

**NOTE**
SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.
If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:
- SAP SRM Server 7.13
- SRM-MDM Catalog 7.03
- SAP NW BI Cont 4.47


2. Install/Integrate SAP ERP. SAP ERP is not part of this installation and is not contained in the installation package. A separate SAP ERP installation package is required.

3. Install SAP SRM Server 7.13 [Installation guide — SAP SRM Server 7.13]

4. Install SAP enhancement package 3 for SRM-MDM Catalog 7.0. [Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0]

5. Install SAP enhancement package 4 for SAP® NetWeaver 7.0 Search and Classification (TREX) [Installation guide — SAP enhancement package 4 for SAP NetWeaver 7.0: Search and Classification (TREX)]
- Perform the installation steps to set up an RFC connection
- Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 4 for SAP NetWeaver 7.0® TREX
- No Python extensions are required

6. Install SAP NetWeaver Business Intelligence 7.47. Proceed as follows:
1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.0, which includes SAP SAP NetWeaver BI 7.47 and PI_BASIS 7.01.
2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of any new functions.
configuration information.

3. Install SAP NetWeaver 7.0 BI Content 7.47 on the SAP NetWeaver AS ABAP system as described in SAP Note 1321293. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.


8. Import the following Business Packages into the SAP NetWeaver Portal:
   - Business Package for SAP SRM 7.0 Enhancement Package 3
   - Business Package for Supplier Collaboration 4.0

Configuration
See SAP Solution Manager content for Self-Service Procurement.

### 3.2 Plan-Driven Procurement

For this business scenario, the following topics are covered:
- Overview of Plan-Driven Procurement with Plant Maintenance
- Overview of Plan-Driven Procurement with Supplier Integration
- Technical System Landscape
- Implementation sequence

#### 3.2.1 Overview of Plan-Driven Procurement with Plant Maintenance

You can use this business scenario to process requirements that have been generated in systems other than SAP SRM. In a highly integrated procurement process, demand for products can come from several different planning systems that reside outside of SAP SRM, such as material requirements planning (MRP) systems for production planning, automated production systems (APS) for advanced, constraint-based planning, project systems for project planning, or plant maintenance systems for maintenance and repair planning. Plan-driven procurement is especially important for the procurement of direct materials. Demand from production is transferred to SAP SRM using an open
XML interface. Within SAP SRM, a contract can be automatically assigned to the demand and a purchase order sent out.

The Plan-Driven Procurement with Plant Maintenance business scenario comprises these process steps:
1. Processing Purchase Requisitions in SAP ERP
2. Searching for Sources of Supply Centrally
3. Processing Purchase Orders in SAP SRM
4. Receipt Confirmation Without Warehouse Management
5. Receipt Confirmation with Warehouse Management
6. Processing Leasing Invoices in SAP SRM
7. Verifying Logistics Invoices Online/in Background
8. Processing Evaluated Receipt Settlements (ERS) in SAP ERP
9. Analyzing Plan-Driven Procurement

### 3.2.2 Overview of Plan-Driven Procurement with Supplier Integration

You can use this business scenario to procure direct materials with SAP ERP Materials Management (MM) and, at the same time, to integrate your suppliers into this process. If necessary, you can connect multiple supplier systems to your procurement system. This allows you as a buyer to collaborate with your suppliers, using the web-based tool supplier self-services, starting with the purchase order via shipping notification to the invoice.

The Plan-Driven Procurement with Supplier Integration business scenario comprises these process steps:
1. Processing Purchase Requisitions in SAP ERP
2. Processing Purchase Orders in SAP ERP
3. Processing Delivery Schedules
4. Processing Sales Orders in SUS
5. Processing Shipping Notifications
6. Inbound Processing and Receipt Confirmation Without Warehouse Management
7. Inbound Processing and Receipt Confirmation with Warehouse Management
8. Processing Invoices by Supplier
9. Verifying Logistics Invoices Online/in Background
10. Processing Evaluated Receipt Settlements (ERS) in SAP ERP
11. Analyzing Plan-Driven Procurement
12. Performing Order Collaboration Using Supplier Network
3.2.3 Technical System Landscape

**NOTE**
For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms)

The following figure shows the underlying architecture of Plan-Driven Procurement:

![Diagram showing the underlying architecture of Plan-Driven Procurement](image)

**Figure 5:**
For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03.

**NOTE**
SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

3.2.4 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

**Installation**
See the section Overall Installation Sequence [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.

- For documentation referenced in the following table, see the section References [page 103].

<table>
<thead>
<tr>
<th>No.</th>
<th>Action (Corresponding Documentation)</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
</table>
| 1   | Install SAP NetWeaver Process Integration (SAP NetWeaver PI). Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0 | CAUTION SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported. If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:  
  - SAP SRM Server 7.13  
  - BI Content 7.47 Download and install the latest System Landscape Directory (SLD) Content from SAP Service Marketplace at service.sap.com/swdc → Download → Support Packages and Patches → Entry by Application Group → Additional Components → SAP Master Data for SLD. |
| 2   | Install/Integrate SAP ERP | SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required. |
| 3   | Install SAP SRM Server 7.13  
[Installation guide — SAP SRM Server 7.13] | |
| 4   | Install SAP enhancement package 4 for SAP® NetWeaver 7.0 Search and Classification (TREX)  
[SAP enhancement package 4 for SAP NetWeaver 7.0 installation guide — Search and Classification (TREX)] | |
| 5   | Install SAP SRM Server for supplier self-services (SUS)  
[Installation guide — SAP SRM Server on <Platform>:<Database>] | You can install a separate SAP SRM Server for SUS or use the SAP SRM Server you installed in step 3 for that purpose. |
| 6   | Install SAP NetWeaver Business Intelligence 7.47. Proceed as follows:  
1. Install SAP for SAP NetWeaver AS ABAP 7.40, which includes SAP enhancement SAP NetWeaver BI7.47 and PI_BASIS7.01. The use of SAP BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. After the BI ABAP upgrade, you should install the |
2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.

3. Install SAP NetWeaver BI Content 7.47 on the SAP NetWeaver AS ABAP system as described in SAP Note 1321293. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.

7. Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.

8. Import the following Business Package into the SAP NetWeaver Portal:
   - Business Package for SAP SRM 7.0 EHP3

Configuration
See SAP Solution Manager content for Plan-Driven Procurement.

### 3.3 Service Procurement

For this business scenario, the following topics are covered:
- Overview of Service Procurement (Classic)
- Overview of Service Procurement External Staffing
- Technical System Landscape
- Implementation sequence

#### 3.3.1 Overview of Service Procurement (Classic)

You can use this business scenario to cover the entire service procurement process using structured service requirements for external procurement. A purchase requisition is created in Materials Management (MM) in SAP Enterprise Resource Planning (SAP ERP) and sent to Sourcing in SAP Supplier Relationship Management (SAP SRM), where it is converted to an RFx. Response modifications are allowed.

The Service Procurement (Classic) business scenario comprises these process steps:
1. Purchase Requisition with Service Directories in SAP ERP
2. Searching for Sources of Supply Centrally
3. Processing Bidding Events
3.3.2 Overview of Service Procurement External Staffing

You can use this business scenario to cover the entire service procurement process for External Staffing. The process starts when you send your request to the supplier. A purchase order is created, times and expenses are entered in the system, and an invoice is created. You can interact with your suppliers by connecting a supplier system like Supplier Self-Services (SUS) to your procurement system. Your service providers can then enter services performed and create invoices for these services. All documents created by your suppliers have to be approved by an internal employee.

The Service Procurement External Staffing business scenario comprises these process steps:
1. Requesting External Staff
2. Processing Shopping Carts
3. Processing Purchase Orders in SAP SRM
4. Processing Sales Orders in SUS
5. Entering Services in SAP SRM
6. Processing Invoices in SAP SRM
7. Processing Evaluated Receipt Settlements (ERS) in SAP SRM
8. Carrying Out Third-Party Rebilling
9. Analyzing Service Procurement

3.3.3 Technical System Landscape

NOTE

For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms)
3 Business Scenarios of SAP SRM

3.3 Service Procurement


The following figure shows the underlying architecture of Service Procurement:

![Figure 6: SAP Service Procurement Architecture](image)

**NOTE**
SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

### 3.3.4 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

#### Installation

**NOTE**
- See the section Overall Installation Sequence [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section References [page 103].

<table>
<thead>
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<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
</table>

2013-08-13 PUBLIC 59/114
1. Install SAP NetWeaver Process Integration (SAP NetWeaver PI).
   [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]

   CAUTION
   SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported.

   If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:
   - SAP SRM Server 7.13
   - SRM-MDM Catalog 7.03
   - BI Content 7.47

   Download and install the latest System Landscape Directory (SLD) Content from SAP Service Marketplace at [service.sap.com/swdc](service.sap.com/swdc) > Download > Support Packages and Patches > Entry by Application Group > Additional Components > SAP Master Data for SLD.

2. Install/Integrate SAP ERP.
   SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required.

3. Install SAP SRM Server 7.13
   [Installation guide — SAP SRM Server 7.13]

4. Install SAP enhancement package 3 for SRM-MDM Catalog 7.0.
   [Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0]

5. Install SAP enhancement package 4 for SAP NetWeaver 7.0® Search and Classification (TREX)
   [SAP enhancement package 4 for SAP NetWeaver 7.0 Installation Guide – Search and Classification (TREX)]

   - Perform the installation steps to set up an RFC connection
   - Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 4 for SAP® NetWeaver 7.0 TREX
   - No Python extensions are required

6. Install SAP SRM Server including supplier self-services (SUS).
   [Installation Guide – SAP SRM Server on <Platform>:<Database>]

   You can install a separate SAP SRM Server for SUS or use the SAP SRM Server you installed in step 3 for that purpose.

7. Install SAP NetWeaver Business Intelligence 7.47.
   Proceed as follows:
   1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.0, which

   The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario.
includes SAP SAP NetWeaver BI 7.47 and PI_BASIS 7.01.
2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.
3. Install SAP NetWeaver 7.0 BI Content 7.47 on the SAP NetWeaver AS ABAP system as described in SAP Note 1321293. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.

After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of all new functionality. For more information, see the installation guide for SAP enhancement package 4 for SAP NetWeaver 7.0.

8 Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.

9 Import the following Business Packages into the SAP NetWeaver Portal:
   - Business Package for SAP enhancement package 3 for SAP SRM 7.0
   - Business Package for Supplier Collaboration 4.0
   Download the Business Packages from the SAP Developer Network [www.sdn.sap.com](http://www.sdn.sap.com).

### Configuration
See SAP Solution Manager content for Service Procurement.

### 3.4 Catalog Content Management

For this business scenario, the following topics are covered:
- Overview
- Technical System Landscape
- Implementation sequence

#### 3.4.1 Overview

You can use this business scenario to import and manage product content, make this content available in an MDM data repository, and access it via the Web browser in your SAP Supplier Relationship Management (SAP SRM) procurement processes.

The Catalog Content Management business scenario comprises these process steps:
1. Managing Content in SRM-MDM Catalog
2. Searching in Catalog Data
3. Managing Service Content in SRM-MDM Catalog
4. Transferring Service Hierarchy from SAP ERP
5. Transferring Service Hierarchy and Non Hierarchical Items from RFx Response in SAP SRM

3.4.2 Technical System Landscape

NOTE
For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at http://service.sap.com/platforms
- System Landscape Optimization on SAP Service Marketplace at http://service.sap.com/slo

The following figure shows the underlying architecture of the SRM-MDM Catalog including existing connections:

Figure 7:

For a more readable version of this graphic, go to the SAP Service Marketplace at http://service.sap.com/instguides SAP Business Suite Applications SAP SRM SAP SRM 7.03

NOTE
SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.
3.4.3 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

Installation

**NOTE**
- For latest Support Package and patch level requirements, see the installation guide for SAP enhancement package 2 for SRM-MDM Catalog 7.0.
- See the section Overall Installation Sequence [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section References [page 103].

<table>
<thead>
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<th>No.</th>
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<th>Remarks/Subsequent Steps</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Install SAP NetWeaver Process Integration (SAP NetWeaver PI). [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]</td>
<td><strong>CAUTION</strong> SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported.</td>
</tr>
<tr>
<td></td>
<td>If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components: ■ SAP SRM Server 7.13</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Install SAP SRM Server 7.13 [Installation guide — SAP SRM Server 7.13]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Install SAP enhancement package 3 for SRM-MDM Catalog 7.0.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]</td>
<td>The use of SAP NetWeaver Portal is optional. It is required for the integration of SAP SRM into a workset.</td>
</tr>
</tbody>
</table>

Configuration

See SAP Solution Manager for Catalog Content Management.

3.5 Analytics

For this business scenario, the following topics are covered:
- Overview of Spend Analysis
3.5.1 Overview of Spend Analysis

You can use this business scenario to analyze the expenditure of your company incorporating data from a wide range of heterogeneous systems as well as from all relevant business units and areas.

SAP Supplier Relationship Management (SAP SRM) uses the business intelligence features of SAP NetWeaver to access connected systems and extract the information needed to gain insight into spending practices across the entire corporate group. The reports cover spending for direct and indirect material as well as for services. You can also configure your system to provide the following:

1. Capture of spend for procurement documents without any purchase order (PO) reference or other detailed information about the procurement
2. Harmonization of master data for reporting purposes, allowing for identification of duplicate suppliers and assignment of product to standard classification schemas such as the United Nations Standard Products and Services Code (UNSPSC) and eCl@ss. The harmonization can be done by using SAP NetWeaver Business Intelligence (SAP NetWeaver BI) Local Master Data Alignment (for limited data volumes).

With these features, SAP SRM provides you with a clear view of procurement costs and supply-base data by highlighting consolidated spend volume, supplier redundancies, and demand aggregation opportunities.

The Spend Analysis business scenario comprises these process steps:

1. Consolidating Master Data Using BI Master Data Alignment
2. Analyzing Spend

3.5.2 Overview of Supplier Evaluation

You can use this business scenario to evaluate your suppliers on the basis of Web-based surveys. To meet your specific requirements, you can configure individual surveys and questionnaires, select the criteria that you want to evaluate, and stipulate when the evaluation is to take place. After the data has been transferred to SAP NetWeaver Business Intelligence (SAP NetWeaver BI), several reports are available to help you to analyze the result, select suitable suppliers and negotiate best conditions.

With the Supplier Survey Cockpit, you can create and distribute surveys. You can monitor incoming responses and send reminders to those who did not reply.

SAP Supplier Evaluation is also integrated into the following SAP Supplier Relationship Management (SAP SRM) applications:

- Confirmation
SAP Supplier Evaluation is used with the confirmation and invoice applications to evaluate day-to-day activities on the basis of operational documents. It is also applicable with the supplier list to improve the strategic and long-term supplier relationships.

The following business process runs in SAP NetWeaver BI:
1. Evaluating and Monitoring of Supplier Performance

### 3.5.3 Technical System Landscape

**NOTE**

For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:
- Platform and Technology Information Center on SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms)

The following figure shows the underlying architecture of Analytics:

**Figure 8:**

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03.
SAP Internet and Pricing Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

### 3.5.4 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

#### Installation

**NOTE**

- See the section *Overall Installation Sequence* [page 37](#), especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section *References* [page 103](#).

<table>
<thead>
<tr>
<th>No.</th>
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<th>Remarks/Subsequent Steps</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Install/Integrate SAP ERP.</td>
<td>SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required.</td>
</tr>
<tr>
<td>2</td>
<td>Install SAP SRM Server 7.13 including supplier self-services (SUS). <a href="#">Installation guide — SAP SRM Server 7.13</a></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Install SAP NetWeaver Business Intelligence SAP NetWeaver BI Content 7.47. Proceed as follows: 1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.40, which is SAP NetWeaver BI 7.47. 2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information. 3. Install SAP NetWeaver BI Content 7.47. For more information on supported NW releases, see 153967. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.</td>
<td>After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of all new functionality. For more information, see the installation guide for SAP enhancement package 4 for SAP NetWeaver 7.0.</td>
</tr>
<tr>
<td>4</td>
<td>Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. <a href="#">Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0</a></td>
<td>You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.</td>
</tr>
</tbody>
</table>
3.6 Operational Contract Management

For this business scenario, the following topics are covered:

- Overview
- Technical System Landscape
- Implementation sequence

3.6.1 Overview

You can use this business process to access SAP Supplier Relationship Management (SAP SRM) contract features, such as contract hierarchies, discount across contract hierarchies, and grouping logic, when determining source of supply in SAP ERP.

You can create a central contract in SAP SRM, and it can then be used as source of supply in both SAP SRM and SAP ERP. Relevant data is sent to SAP ERP for a source of supply determination, and a specific type of contract or scheduling agreement can be created there.

While determining a source of supply, you can access central contracts directly.

The price is determined in SAP SRM before the SAP ERP purchase order (PO) is sent to the supplier.

You can create and change central contracts and renegotiate existing contracts directly with a supplier, or through the creation of an RFx. You can automatically assign a contract as a source of supply, or it can be listed as one of numerous potential source of supply contracts. A strategic purchaser can create a contract whenever they anticipate a long-term relationship with a supplier.

Contract management enables purchasers from various parts of the company at different locations to take advantage of the terms of globally-negotiated contracts for specific product categories. You can provide users with specific levels of authorization to contracts, and you can categorize documents as confidential.

You can distribute central contracts to release-authorized purchasing organizations, and these organizations can then use them as source of supply in the appropriate SAP ERP system. Hierarchies can be used to organize, structure, display, and search for contracts.

If you use SAP NetWeaver Business Intelligence (SAP NetWeaver BI), you can view various consolidated reports of contract management. For example, you can view aggregated value released against all contracts in a contract hierarchy.
This business scenario is modified if you have activated the SRM, Service Procurement Innovations (SRM_SERVICE_PROC_1) business function.

The Operational Contract Management business scenario comprises these process steps:
1. Define Usage of Central Contracts
2. Developing Contracts
3. Processing Contracts and Sourcing Rules in SAP ERP
4. Negotiating Contracts
5. Process Delivery Schedules
6. Searching for Sources of Supply Centrally
7. Monitoring Contracts

### 3.6.2 Technical System Landscape

**NOTE**

For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms)

The following figure shows the underlying architecture of Operational Contract Management:

---

Figure 9:
For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) ➔ SAP Business Suite Applications ➔ SAP SRM ➔ SAP SRM 7.03 ➔

- SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.
- On the SAP NetWeaver Portal Layer, you must deploy the SAP NetWeaver Portal Core components as well as the following SAP NetWeaver Portal Java components:
  - Knowledge Management (KM)
  - Collaboration room
  - Universal Worklist (UWL)
  - Adobe Document Server (ADS)
  - Live Auction Cockpit Web Presentation Server (LACWPS)
- The following Business Packages are shown above:
  - BPSRM00_0.sca (BP for SAP SRM 7.03)
- The following SAP NetWeaver Process Integration Content (SAP NetWeaver XI Content) Packages are shown above:
  - SRMSERV7001_0.ZIP (SAP NetWeaver XI Content for SAP SRM Server 7.03)
  - SRMSERV1C7001_1.ZIP (SAP NetWeaver XI Content for SAP SRM Server 7.03, SP01 Patch 1)
  - SRMMDMCLASS001_0.ZIP (SAP NetWeaver XI Content for SRM-MDM Catalog)
- SAP® NetWeaver Search and Classification (TREX) is a separately installed instance. For scalability, multiple SAP NetWeaver TREX instances can be installed on multiple servers.
- The connection between the SAP SRM Server and the back-end system is RFC-based. IDocs are only used in specific cases, for example, when billing documents are exchanged.

### 3.6.3 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

**Installation**

**NOTE**
- See the section *Overall Installation Sequence* [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section *References* [page 103].

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<td>1</td>
<td>Install SAP NetWeaver Process Integration (SAP NetWeaver PI). [Master guide — SAP enhancement package 3 for SAP NetWeaver 7.0]</td>
<td>The use of SAP NetWeaver PI is optional but it is required for outbound XML-based messaging or for connecting non-SAP planning or execution systems.</td>
</tr>
</tbody>
</table>
SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported.

If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:
- SAP SRM Server 7.13
- SRM-MDM Catalog 7.03
- BI Content 730, 731 and 740

Download and install the latest System Landscape Directory (SLD) Content from SAP Service Marketplace at

service.sap.com/swdc

Download Support Packages and Patches → Entry by Application Group → Additional Components → SAP Master Data for SLD

2. Install/Integrate SAP ERP.

SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required.

3. Install SAP SRM Server 7.13
   [Installation guide — SAP SRM Server 7.13]

4. Install SAP enhancement package 3 for SRM-MDM Catalog 7.0.
   [Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0]

5. Install SAP enhancement package 4 for SAP NetWeaver 7.0® Search and Classification (TREX)
   [SAP enhancement package 4 for SAP NetWeaver 7.0 Installation Guide — Search and Classification (TREX)]
   - Perform the installation steps to set up an RFC connection
   - Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 4 for SAP NetWeaver 7.0® TREX
   - No Python extensions are required

6. Install SAP SRM Server for supplier self-services (SUS)
   [Installation guide — SAP SRM Server on <Platform>:<Database>]

You can install a separate SAP SRM Server for SUS or use the SAP SRM Server you installed in step 4 for that purpose.

7. Install SAP NetWeaver Business Intelligence 7.47
   Proceed as follows:
   1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.0, which includes SAP NetWeaver BI 7.47 and PI_BASIS 7.01.
   2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note

The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of any new functions. For more
3.7 Strategic Sourcing

For this business scenario, the following topics are covered:

- Overview of Strategic Sourcing with RFx
- Overview of Strategic Sourcing with Live Auction
- Technical System Landscape
- Implementation sequence

For more information about strategic sourcing scenario, see SAP Note 1712226

3.7.1 Overview of Strategic Sourcing with RFx

You can use this business scenario to source goods using RFx (request for information, request for proposal, or request for quotation). You can use this business scenario with or without integration of the sourcing cockpit. The sourcing cockpit helps you, as a professional purchaser, to process your requirements and to determine the best source of supply. You can also integrate document storage functionality – maintained in cFolders – in the RFx. You can also use extended RFx process for two envelope bidding, tender fee & EMD processing and Simultaneous logon. After you have received bids from suppliers, you can create a purchase order or contract (local or global outline agreement) directly from the sourcing cockpit or in SAP Bidding Engine as a result of the RFx.

The Strategic Sourcing with RFx business scenario comprises these process steps:
3.7 Strategic Sourcing

1. Processing Shopping Carts
2. Processing Purchase Requisitions in SAP ERP
3. External Sourcing for Purchase Requisitions
4. Searching for Sources of Supply Centrally
5. Processing Bidding Events
6. Negotiating Contracts
7. Processing Collaborative Bidding Events Using cFolders
8. Evaluating Bids or RFx Responses
9. Processing Bids and RFx Responses in the Supplier System
10. Analyzing Sourcing with RFx
11. Extended RFx Processing

3.7.2 Overview of Strategic Sourcing with Live Auction

You can use this business scenario to source goods using auctions. With auctions, you can, for example, define bidding rules. Bidders can submit bids in real time in a separate live auction application. You can use this business scenario with or without integration of the sourcing cockpit. The sourcing cockpit helps you, as a professional purchaser, to process your requirements and to determine the best source of supply. After you have received bids from suppliers, you can create a purchase order or contract (local or global outline agreement) directly from the sourcing cockpit or in SAP Bidding Engine as a result of the auction.

The Strategic Sourcing with Live Auction business scenario comprises these process steps:

1. Processing Shopping Carts
2. Processing Purchase Requisitions in SAP ERP
3. Searching for Sources of Supply Centrally
4. Conducting Live Auctions
5. Evaluating RFx Responses
6. Processing Follow-On Documents
7. Analyzing Sourcing with Live Auction

3.7.3 Technical System Landscape

For information about the technical system landscape and about how to plan the business scenario to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at http://service.sap.com/platforms
System Landscape Optimization on SAP Service Marketplace at http://service.sap.com/slo

The following figure shows the underlying architecture of Strategic Sourcing:

**Figure 10:**

For a more readable version of this graphic, go to the SAP Service Marketplace at http://service.sap.com/instguides → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03.

**NOTE**

SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

### 3.7.4 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the business scenario. The scenario can run without optional components, but they do provide additional functions.

**Installation**

**NOTE**

- See the section *Overall Installation Sequence* [page 37], especially if you want to implement more than one SAP SRM business scenario at a time.
- For documentation referenced in the following table, see the section *References* [page 103].
<table>
<thead>
<tr>
<th></th>
<th>Task Description</th>
<th>Notes</th>
</tr>
</thead>
</table>
| 1 | Install SAP NetWeaver Process Integration (SAP NetWeaver PI). [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0] | CAUTION: SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported. If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:  
  - SAP SRM Server 7.13  
  - SRM-MDM Catalog 7.03 | |
| 2 | Install/Integrate SAP ERP. | SAP ERP is not part of this installation and is not contained in the installation package. A separate SAP ERP installation package is required. |
| 3 | Install SAP SRM Server 7.13 [Installation guide — SAP SRM Server 7.13] | |
| 4 | Install SAP enhancement package 3 for SRM-MDM Catalog 7.0. [Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0] | |
| 5 | Install SAP enhancement package 4 for SAP NetWeaver 7.0® Search and Classification (TREX) [SAP enhancement package 4 for SAP NetWeaver 7.0® Installation Guide – Search and Classification (TREX)] |  
  - Perform the installation steps to set up an RFC connection  
  - Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 4 for SAP NetWeaver 7.0® TREX  
  - No Python extensions are required | |
| 6 | Install Live Auction Cockpit Web Presentation Server (LACWPS) 6.0 on SAP enhancement package 4 for SAP NetWeaver AS 7.0. [Component installation guide — SAP enhancement package 4 for SAP Supplier Relationship Management 7.0 ABAP + Java on <Platform>:<Database>] | The use of LACWPS is optional. You can install LACWPS either on a standalone J2EE Engine or on a J2EE Engine installed as an Add-In on the central instance. |
| 7 | Install SAP NetWeaver Business Intelligence 7.47. Proceed as follows:  1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.0, which includes | The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. |

**3.7 Strategic Sourcing**
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.</td>
</tr>
<tr>
<td>2.</td>
<td>Install SAP NetWeaver 7.0 BI Content 7.47 on the SAP NetWeaver AS ABAP system as described in SAP Note <a href="#">1321293</a>. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.</td>
</tr>
<tr>
<td>8</td>
<td>Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.</td>
</tr>
</tbody>
</table>
| 9 | Import the following Business Packages into the SAP NetWeaver Portal:  
  - Business Package for SAP enhancement package 3 for SAP SRM 7.0  
  - Business Package for Supplier Collaboration 4.0  
| 10 | For additional information about the system behavior in Sourcing when you create a contract as a follow-on document, see SAP Note [1319462](#). |

**Configuration**

See SAP Solution Manager for Strategic Sourcing.
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4 Business Scenarios of Procurement for Public Sector

The following scenarios are relevant if you use SAP Supplier Relationship Management (SAP SRM), Procurement for Public Sector (PPS). These PPS scenarios require a special license agreement.

**CAUTION**
To use PPS, SAP SRM must be deployed as an extended classic scenario. Other SAP SRM technical scenarios (classic, standalone, SAP SRM in one client in SAP ERP) are not supported for PPS. Furthermore, only one SAP ERP back-end system can be connected to the SAP SRM system. Multi back-end deployment is not supported for PPS.

**RECOMMENDATION**
We strongly recommend that you test the installation and activation of PPS scenarios and business functions on a sandbox system.

**NOTE**
You cannot use PPS with the Service Procurement business scenario.

**Upgrade from SAP SRM 5.0 to SAP Enhancement Package 3 for SAP SRM 7.0**
After performing an upgrade from SAP SRM 5.0 to SAP enhancement package 3 for SAP SRM 7.0, if you want to use PPS, you must activate the following business functions in Customizing for SAP Supplier Relationship Management under **SRM Server → Activate Business Functions**:

- **SRM, Procurement for Public Sector** (SRM_PUBLIC_SECTOR_1)
- **SRM, Cross-Industry Functions** (SRM_CROSS_INDUSTRY_1)
4.1 Technical System Landscape

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03

**Figure 12:**

Description:
- SAP Internet and Pricing Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.
- On the SAP NetWeaver Portal layer, you must deploy the SAP NetWeaver Portal Core components as well as the following SAP NetWeaver Portal Java components:
  - Knowledge Management (KM)
  - Collaboration Room
  - Universal Worklist (UWL)
  - Adobe Document Services (ADS)
  - Live Auction Cockpit Web Presentation Server (LACWPS)
- The following Business Packages are shown above:
  - BPSRM00_0.sca (BP for BP_SRM 7.03)
- The following SAP NetWeaver Process Integration Content (SAP NetWeaver XI Content) packages are shown above:
  - Content for SRM SERVER 703
    - The Software component where the content is created (SRM SERVER IC 703)
    - The namespace where the scenarios are defined (http://sap.com/xi/SRM/Basis/Global/IC)
    - List of scenarios
4.2 Public Sourcing and Tendering

4.2.1 Overview

You use this business scenario to manage complex, highly-regulated, competitive RFx processes. You can create legally-compliant documents within a secure infrastructure that integrates SAP Records Management and procurement processes to fulfill audit requirements.

NOTE

All the functionalities for this scenario, except Prequalification of RFx Respondents, Public RFx Publishing and Electronic Contract File Creation are available as a part of SRM core scenario as Extended RFx processing under Strategic Sourcing with RFx scenario.

This business scenario is modified if you have activated the SRM, Supplier Collaboration (SRM_SUCO_1) business function, and the Customizing switch RFx Response Submission Outside Firewall (SRM_701_SUCO_BIDDER_DECOUP). If you have done this, RFx respondents can create and submit their RFx responses in an SAP Supplier Relationship Management (SAP SRM) system outside your organization's firewall. This further enhances the security of the SAP SRM system, as it prevents RFx respondents from being able to log on directly to the user’s instance of the SAP SRM system, which may contain other sensitive information.

The Public Sourcing and Tendering business scenario comprises the following business processes:
4.3 Contract Management and Administration

4.3.1 Overview

You can use this business scenario to allow a professional purchaser to negotiate a contract or purchase order with a supplier. This negotiation may be based on the outcome of the tendering process as described in the Public Sourcing and Tendering business scenario. Once pricing arrangements, clauses, payment, terms, and delivery conditions have been agreed upon, the contract or purchase order enters an approval workflow. Upon approval, the contract or purchase order is centrally created in SAP Supplier Relationship Management (SAP SRM). Operational purchasers can take advantage of the conditions negotiated. When users seek a specific product or service from a contract or contract-type line item in a mixed-use purchase order, a purchase order is created, which is then sent to the supplier. The supplier ships the required goods or provides the service to the designated recipient. The user then completes a goods receipt or service entry on the basis of which the supplier creates an invoice. The invoice is then paid by the organization in charge of payment.

Additionally, the system automatically creates an electronic contract file that contains all procurement documents created. After award, any contract or purchase order modifications, as well as their supporting documentation, are also automatically added to the electronic contract file. The file continues to capture contractual information through closeout.

The Contract Management and Administration business scenario comprises the following business processes:

- Complex Contract Creation (SAP Document Builder)
- Guaranteed Minimum
- Closeout Execution
- Contract Tracking and Monitoring
- Electronic Contract File Creation
- Post-Award Procedure
- Options Definition
4.4 Operational Procurement

4.4.1 Overview

You can use this business scenario to process the requirements that have been created and released for procurement (for example, demands for spare parts coming from plant maintenance, demands for raw materials determined in a planning run, or requests for office supplies entered by an employee.) Requirements are transferred to the purchasing department as purchase requisitions. They are presented to the purchaser in work lists that support him in converting the requisitions into contracts or purchase orders. The purchaser can check the source of supply and the price and conditions that have been assigned to a requisition and start a request for quotation or bidding process if necessary. Release procedures are available to control critical procurement processes.

The Operational Procurement business scenario comprises the following business processes:

- Complex Sourcing
- Exercise Options
- Electronic Contract File Creation
- Budget Integration
- Order Tracking
- Acceptance at Origin for PPS
- Acknowledgement and Delivery
- Invoice Verification
- Selective Release
- Workload Prioritization
- Workload Redistribution

4.5 Procurement Services

For this business scenario, the following topics are covered:

- Overview of Procurement Services (Automated Sourcing)
- Overview of Procurement Services (Manual Sourcing)

4.5.1 Overview of Procurement Services (Automated Sourcing)

You can use this business scenario to satisfy requirements from external customers. In this scenario the purchasing agency satisfies the requirements either by delivery from stock, by creation of a release order against an existing contract, or by creation of a purchase order.
The Procurement Services (Automated Sourcing) business scenario comprises the following business processes:

- Processing of External Requirements (Automated Sourcing)
- Third-Party Processing
- Inventory Management and Delivery from Stock

### 4.5.2 Overview of Procurement Services (Manual Sourcing)

You can use this business scenario to satisfy requirements from external customers. In this scenario the purchasing agency satisfies the requirements either by delivery from stock, by creation of a release order against an existing contract, or by creation of a purchase order.

The Procurement Services (Manual Sourcing) business scenario comprises the following business processes:

- Processing of External Requirements (Manual Sourcing)
- Third Party Processing
- Inventory Management and Delivery from Stock
5 End-to-End Processes of SAP SRM

5.1 Overview of Centralized Sourcing and Contract Management

You can use this end-to-end process to ensure group-wide compliance with centrally negotiated terms and conditions resulting in central contracts, which are distributed to the operational procurement component of all connected back-end systems.

Due to its complex integration and multiple back-end integration capabilities, this end-to-end process addresses central purchasing organizations, which are responsible for performing central sourcing events and negotiating central contracts for the entire group.

The following implementable steps of this end-to-end process support you in maximizing cost savings, which is the overall objective for chief procurement officers:

- Supplier Management
  You can use Supplier Management to qualify and continually evaluate suppliers, significantly reducing supply risk.

- Central Sourcing
  You can use Central Sourcing to negotiate savings with a focus on finding the appropriate source of supply for demands across the group. To achieve this, the demands can be aggregated before conducting a sourcing event. After publishing the sourcing event, bidders can create, publish, and change their RFx responses online or offline, either inside or outside the system firewall.

- Central Contract Management
  You can use Central Contract Management to ensure contract compliance across the group. The negotiated terms of the sourcing event are transferred using a central contract, which is then distributed to the single legacy systems where it can be used as a source of supply for upcoming demands.

- Operational Procurement
  You can use Operational Procurement to deliver the savings. Operational Procurement offers processes in areas including Purchase Requisitioning, Purchase Order Management, Receiving, and also Invoice Validation and Settlement. Invoice verification and exception handling are covered by SAP Invoice Management.

Supplier Management, Central Sourcing, and Central Contract Management are covered by the SAP Supplier Relationship Management (SAP SRM) application. Operational Procurement is covered by SAP ERP.
For information about the technical system landscape and about how to plan the end-to-end process to meet your needs, see the following:

- Platform and Technology Information Center on SAP Service Marketplace at [http://service.sap.com/platforms](http://service.sap.com/platforms)

The technical system landscape and implementation sequence is determined by the use of each implementable step.

### 5.3 Implementation Sequence

The following figure describes the installation sequence for SAP SRM comprising components of all SAP SRM business scenarios and end-to-end processes:

![Implementation Sequence Diagram](image)

**Figure 13:**

*NOTE*

Depending on which implementable step you select, some of the software components in the overall installation sequence might be optional when implementing the end-to-end process Centralized Sourcing and Contract Management.

If you want to implement more than one SAP SRM business scenario or end-to-end process at once, note that software components on the same level can be installed simultaneously on one machine. For example, different project groups can install SAP ERP and SAP NetWeaver Process Integration (SAP NetWeaver PI) simultaneously.
5.4 Implementable Steps

5.4.1 Supplier Management

5.4.1.1 Overview

You can use Supplier Management to enable transactional supplier integration and supplier performance management to minimize supply-based risks. Your suppliers commit to on-time deliveries and specified levels of quality. If a supplier fails to deliver according to their negotiated service levels, the results can influence the entire supply chain and negatively impact your bottom line.

You can use Supplier Management to integrate suppliers into your key processes for efficient collaboration throughout the procurement process, allowing you to gain instant visibility into the status of orders, shipments, and payments between your companies. You can also supplement the catalogs used by employees in procurement with product and service content from many spend categories, managed by the suppliers.

In addition, Supplier Management supports a comprehensive supplier performance management approach that enables your employees to provide both event-driven and periodic feedback on the adherence of suppliers to expected standards. The resulting scorecards and comparative reports can help you identify and cultivate relationships with high performing suppliers. The reports can also help you identify those suppliers you need to develop further or replace. The timely and continuous visibility into supplier performance can significantly reduce supply-based risks and expose new opportunities to jointly identify savings and operational efficiencies.

5.4.1.2 Technical System Landscape

The following figure shows the underlying architecture of Supplier Management:

**NOTE**

SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

### 5.4.1.3 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the implementable step. The scenario can run without optional components, but they do provide additional functions.

**Installation**

**NOTE**

- See the section *Overall Installation Sequence* [page 37], especially if you want to implement more than one SAP SRM business scenario or implementable step at a time.
- For documentation referenced in the following table, see the section *References* [page 103].

<table>
<thead>
<tr>
<th>No.</th>
<th>Action (Corresponding Documentation)</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
</table>
| 1   | Install SAP NetWeaver Process Integration (SAP NetWeaver PI). [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0] | CAUTION  
SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of...
### Implementable Steps

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1.   | If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:  
- SAP SRM Server 7.13  
- SRM-MDM Catalog 7.03  
- BI Content 730, 731 and 740  
Download and install the latest System Landscape Directory (SLD) Content from SAP Service Marketplace at [service.sap.com/swdc](http://service.sap.com/swdc).  
NOTE  
The same SAP NetWeaver AS is not supported. |
| 2.   | Install/Integrate SAP ERP.  
NOTE  
The installation or integration of SAP ERP is optional.  
SAP ERP is not part of this installation and is not contained in the installation package. A separate SAP ERP installation package is required. |
| 3.   | Install SAP SRM Server 7.13  
[Installation guide — SAP SRM Server 7.13]  
NOTE  
The installation of Internet Pricing and Configurator (IPC) is optional. |
| 4.   | Install SAP enhancement package 3 for SRM-MDM Catalog 7.0.  
[Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0]  
NOTE  
The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. |
| 5.   | Install SAP enhancement package 4 for SAP NetWeaver 7.0® Search and Classification (TREX)  
[SAP enhancement package 4 for SAP NetWeaver 7.0 installation guide – Search and Classification (TREX)]  
NOTE  
- Perform the installation steps to set up an RFC connection  
- Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 3 for SAP® NetWeaver 7.0 TREX  
- No Python extensions are required |
| 6.   | Install SAP SRM Server for supplier self-services (SUS)  
[Installation guide — SAP SRM Server on <Platform>:<Database>]  
You can install a separate SAP SRM Server for SUS or use the SAP SRM Server you installed in step 4 for that purpose. |
| 7.   | Install SAP NetWeaver Business Intelligence 7.47. Proceed as follows:  
1. Install SAP enhancement package 4 for SAP NetWeaver AS ABAP 7.0, which |

2013-08-13 PUBLIC 87/114
includes SAP SAP NetWeaver BI 7.47 and PI_BASIS 7.01.
2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.
3. Install SAP NetWeaver 7.0 BI Content 7.47 on the SAP NetWeaver AS ABAP system as described in SAP Note 1321293. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.

After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of all new functionality. For more information, see the installation guide for SAP enhancement package 4 for SAP NetWeaver 7.0.

8 Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]

You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.

9 Import the following Business Packages into the SAP NetWeaver Portal:

- Business Package for SAP SRM 7.03
- Business Package for Supplier Collaboration 4.0


Configuration
See SAP Solution Manager for Centralized Sourcing and Contract Management.

### 5.4.2 Central Sourcing

#### 5.4.2.1 Overview

You can use Central Sourcing to identify the best global sources of supply for group-wide requirements through online bidding, RFxs, and auctions, thus providing best practices to local procurement teams. One of the most important goals in your efforts to maximize cost savings is to avoid missing savings opportunities. Many procurement organizations are still limited by the lack of formalized global sourcing practices and by the complexity of managing disparate sources of demand. These limits can prevent them from effectively negotiating cost savings.

By centralizing sourcing, you can identify all your key suppliers and create a sourcing environment that fosters competition. Centralized sourcing provides complete support for online and offline bidding, including electronic quotation requests and reverse auctions, allowing you to arrive at the best supplier terms and conditions quickly and effectively. You can then codify these agreements in contracts that all organizations and branches within the enterprise can use whenever they need to procure new goods and services.
Bidders can create, publish, and change RFx responses inside as well as outside the SAP Supplier Relationship Management (SAP SRM) system firewall by using supplier self-services (SUS). Processing RFx responses outside the system firewall enhances the security of the system.

You can use Central Sourcing for all types of categories, from indirect and direct materials to service categories.

After the best bid or RFx response has been awarded, the result can be transferred in a follow-on document, such as a central contract in SAP SRM.

### 5.4.2.2 Technical System Landscape

The following figure shows the underlying architecture of Central Sourcing:

![Central Sourcing Architecture](image)

**Figure 15:**

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → *SAP Business Suite Applications* → *SAP SRM* → *SAP SRM 7.13*.

**NOTE**

SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

### 5.4.2.3 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the implementable step. The scenario can run without optional components, but they do provide additional functions.

**Installation**
### NOTE
- See the section *Overall Installation Sequence* [page 37], especially if you want to implement more than one SAP SRM business scenario or implementable step at a time.
- For documentation referenced in the following table, see the section *References* [page 103].

<table>
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</thead>
</table>
| 1   | Install SAP NetWeaver Process Integration (SAP NetWeaver PI). ([Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]) | **CAUTION** SAP NetWeaver PI requires a dedicated SAP NetWeaver Application Server (SAP NetWeaver AS). This means that running applications in other clients of the same SAP NetWeaver AS is not supported. If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:  
  - SAP SRM Server 7.13  
  - SRM-MDM Catalog 7.03 |
| 2   | Install/Integrate SAP ERP (SAP R/3 4.7 or higher recommended). | SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required. |
| 3   | Install SAP R/3 Plug-In (2004.1 or higher if one is available):  
  - For the installation, see SAP Notes 704564 (R/3 plug-in: PI 2004.1 installation/delta upgrade) and 708736 (Release restrictions R/3 Plug-in 2004.1).  
  - For more information about SAP R/3 Plug-Ins, see SAP Service Marketplace at [service.sap.com/r3-plug-in](http://service.sap.com/r3-plug-in). | Not required for customers with an SAP R/3 Enterprise 47x200 back-end system. From SAP R/3 Enterprise 47x200 onwards, the former plug-in functions are delivered with the SAP_APPL component. Otherwise, the installation of the SAP R/3 Plug-In is required if you installed an SAP back-end system in the previous step. |
| 4   | Install SAP SRM Server 7.13 ([Installation guide — SAP SRM Server 7.13]) | |
| 5   | Install SAP enhancement package 3 for SRM-MDM Catalog 7.0. ([Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0]) | |
| 6   | Install SAP enhancement package 3 for SAP NetWeaver 7.0® Search and Classification (TREX) | Perform the installation steps to set up an RFC connection |
| 7 | Install Live Auction Cockpit Web Presentation Server (LACWPS) 6.0 on SAP enhancement package 3 for SAP NetWeaver AS 7.0.  
| | The use of LACWPS is optional. You can install LACWPS either on a standalone J2EE Engine or on a J2EE Engine installed as an Add-In on the central instance. |

| 8 | Install SAP enhancement package 3 for SAP NetWeaver Business Intelligence 7.0 (SAP enhancement package 3 for SAP NetWeaver BI 7.0), as well as SAP NetWeaver 7.0 BI Content Add-On 6. Proceed as follows:  
| | 1. Install SAP enhancement package 3 for SAP NetWeaver AS ABAP 7.0, which includes SAP enhancement package 3 for SAP NetWeaver BI 7.0 and PI_BASBS 7.01.  
| | 2. Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.  
| | 3. Install SAP NetWeaver 7.0 BI Content Add-On 6 on the SAP NetWeaver AS ABAP system as described in SAP Note 1321293. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 3 for SAP NetWeaver 7.0.  
| | The use of SAP NetWeaver BI is optional. See the description of this component in the Software Component Matrix [page 32] to decide whether it is required for your business scenario. After the SAP NetWeaver BI ABAP upgrade, you should install the Java parts of SAP NetWeaver BI (BI-Java) to take advantage of all new functionality. For more information, see the installation guide for SAP enhancement package 3 for SAP NetWeaver 7.0. |

| 9 | Install SAP enhancement package 3 for SAP NetWeaver 7.0 — SAP NetWeaver Portal.  
| | You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset. |

| 10 | Import the following Business Packages into the SAP NetWeaver Portal:  
| | ■ Business Package for SAP enhancement package 3 for SAP SRM 7.03  
| | ■ Business Package for Supplier Collaboration 4.0  
| | Download the Business Packages from the SAP Developer Network [www.sdn.sap.com → Portal Content Portfolio]. |

**Configuration**

See SAP Solution Manager content for Centralized Sourcing and Contract Management.
5.4.3 Central Contract Management

5.4.3.1 Overview

You can use Central Contract Management to manage contracts from initiation through finalization, leveraging the centralized contracts to enforce global compliance while applying the correct pricing and aggregated volume discounts.

To realize negotiated savings requires well-managed contracts and processes that enforce contract compliance. However, inconsistencies in the ways that local entities manage contracts typically lead to savings leakage and difficulties ensuring contract compliance and usage across all entities. By centralizing contract management, you can capture negotiated savings in contracts that all your procurement organizations can then consistently use in the operational procurement process.

Central Contract Management provides the functionality you need to proactively, transparently, and centrally manage all aspects of a contract, from contract inception through finalization. With centralized sourcing and contract management, you can take advantage of a central procurement contract repository. Groups throughout the organization can then find contracts easily and use them consistently. This way, you can ensure that all procurement entities are taking advantage of the negotiated savings and receiving aggregation-based discounts that reflect the global contract usage.

By automatically posting contract items to catalogs, you can extend the contract compliance to employees who conduct business user requisitioning. Ultimately, this approach enables you to restrict maverick buying and eliminate contract redundancies by allowing you to track and monitor actual contract usage. You can also quickly identify issues such as off-contract spending.

5.4.3.2 Technical System Landscape

The following figure shows the underlying architecture of Central Contract Management:
Figure 16:

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP SRM → SAP SRM 7.03

- **SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0)** is part of the component AP 7.0.
- On the SAP NetWeaver Portal Layer, you must deploy the SAP NetWeaver Portal Core components as well as the following SAP NetWeaver Portal Java components:
  - Knowledge Management (KM)
  - Collaboration room
  - Universal Worklist (UWL)
  - Adobe Document Services (ADS)
  - Live Auction Cockpit Web Presentation Server (LACWPS)
- The following Business Packages are shown above:
  - BPSRM00_0.sca (BP for SAP SRM 2007)
- The following SAP NetWeaver Process Integration Content (SAP NetWeaver XI Content) Packages are shown above:
  - SRMSERV7001_0.ZIP (SAP NetWeaver XI Content for SAP SRM Server 7.03)
  - SRMSERVIC7001_1.ZIP (SAP NetWeaver XI Content for SAP SRM Server 7.03 SP01 Patch 1)
  - SRMMDMCAT3001_0.ZIP (SAP NetWeaver XI Content for SRM-MDM Catalog)
- **SAP® NetWeaver Search and Classification (TREX)** is a separately installed instance. For scalability, multiple SAP NetWeaver TREX instances can be installed on multiple servers.
- The connection between the SAP SRM Server and the back-end system is RFC-based. IDocs are only used in specific cases, for example, when billing documents are exchanged.
### 5.4.3.3 Implementation Sequence

This section lists the sequence of steps (installation, technical configuration, and application configuration) required to implement the implementable step. The scenario can run without optional components, but they do provide additional functions.

**Installation**

**NOTE**
- See the section *Overall Installation Sequence* [page 37], especially if you want to implement more than one SAP SRM business scenario or implementable step at a time.
- For documentation referenced in the following table, see the section *References* [page 103].

<table>
<thead>
<tr>
<th>No.</th>
<th>Action (Corresponding Documentation)</th>
<th>Remarks/Subsequent Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Install SAP NetWeaver PI. [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]</td>
<td>The use of SAP NetWeaver PI is optional but it is required for outbound XML-based messaging or for connecting non-SAP planning or execution systems.</td>
</tr>
</tbody>
</table>
|     | If you installed SAP NetWeaver PI, import the integration objects for SAP SRM into SAP NetWeaver PI. Import the Process Integration Content (XI Content) for the following components:  
- SAP SRM Server 7.13  
- SRM-MDM Catalog 7.03  
- BI Content 7.47 |  |
|     |  
- Download and install the latest System Landscape Directory (SLD) Content from SAP Service Marketplace at [service.sap.com/swdc](http://service.sap.com/swdc)  
- Download Support Packages and Patches  
- Entry by Application Group  
- Additional Components  
- SAP Master Data for SLD |  |
| 2   | Install/Integrate SAP ERP. | SAP ERP is not part of this installation and are not contained in the installation package. A separate SAP ERP installation package is required. |
| 3   | Install SAP SRM Server 7.13 [Installation guide — SAP SRM Server 7.13] |  |
| 4   | Install SAP enhancement package 3 for SRM-MDM Catalog 7.0. [Installation guide — SAP enhancement package 3 for SRM-MDM Catalog 7.0] |  |
5. End-to-End Processes of SAP SRM

### 5.4 Implementable Steps

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1</td>
<td>Install SAP enhancement package 4 for SAP NetWeaver 7.0® Search and Classification (TREX) [SAP enhancement package 4 for SAP NetWeaver 7.0 installation guide – Search and Classification (TREX)]</td>
</tr>
<tr>
<td>5.2</td>
<td>Perform the installation steps to set up an RFC connection</td>
</tr>
<tr>
<td>5.3</td>
<td>Automatic language recognition is not required. You can adopt the default settings for document languages during the installation of SAP enhancement package 4 for SAP NetWeaver 7.0® TREX</td>
</tr>
<tr>
<td>5.4</td>
<td>No Python extensions are required</td>
</tr>
<tr>
<td>6.</td>
<td>Install SAP SRM Server for supplier self-services (SUS) [Installation guide – SAP SRM Server on &lt;Platform&gt;:&lt;Database&gt;]</td>
</tr>
<tr>
<td>6.1</td>
<td>You can install a separate SAP SRM Server for SUS or use the SAP SRM Server you installed in step 4 for that purpose.</td>
</tr>
<tr>
<td>7.</td>
<td>Install SAP enhancement package 3 for SAP NetWeaver Business Intelligence 7.0 (SAP enhancement package 3 for SAP NetWeaver BI 7.0), as well as SAP NetWeaver BI Content 7.47. Proceed as follows:</td>
</tr>
<tr>
<td>7.1</td>
<td>Install SAP enhancement package 3 for SAP NetWeaver AS ABAP 7.40, which is SAP NetWeaver BI 7.47.</td>
</tr>
<tr>
<td>7.2</td>
<td>Configure the SAP NetWeaver AS database for SAP NetWeaver BI. Consult the SAP Note specific to your database for configuration information.</td>
</tr>
<tr>
<td>7.3</td>
<td>Install SAP NetWeaver BI Content 7.47. For more information on supported NW releases, see <a href="#">153967</a>. For a minimal system landscape, install SAP NetWeaver BI on your SAP SRM Server. For more information, see the master guide for SAP enhancement package 4 for SAP NetWeaver 7.0.</td>
</tr>
<tr>
<td>8.</td>
<td>Install SAP enhancement package 4 for SAP NetWeaver 7.0 — SAP NetWeaver Portal. [Master guide — SAP enhancement package 4 for SAP NetWeaver 7.0]</td>
</tr>
<tr>
<td>8.1</td>
<td>You must use SAP NetWeaver Portal. It is required for the integration of SAP SRM into a workset.</td>
</tr>
<tr>
<td>9.</td>
<td>Import the following Business Package into the SAP NetWeaver Portal:</td>
</tr>
<tr>
<td>9.1</td>
<td>Business Package for SAP SRM 7.0 EHP3</td>
</tr>
<tr>
<td>9.2</td>
<td>Download the Business Packages from the SAP Developer Network <a href="#">www.sdn.sap.com ➔ Portal Content Portfolio</a>.</td>
</tr>
</tbody>
</table>

### Configuration

See SAP Solution Manager for Centralized Sourcing and Contract Management.
5.4.4 Operational Procurement

5.4.4.1 Overview

You can use Operational Procurement to enable both direct and indirect procurement of materials and services through standard procurement processes, ranging from request processing, purchase order processing, and goods receipt, to invoice verification. Operational Procurement offers multiple process variants to cover the business procurement needs. It supports buying goods to stock, buying goods for a third party, consignment, and subcontracting incorporating other enterprise resource management applications such as sales, plant maintenance, project system, warehouse management, and production planning.

Direct procurement supports the conversion of planned requirements to purchase orders, while indirect procurement supports the purchasing of indirect materials, services, and subcontracting. The procurement of materials needs to be monitored and controlled to minimize costs while still maintaining operational integrity.

Operational procurement automates and streamlines business processes, improves the productivity of overall operations, extends collaboration, and provides strategic insight. With these highly integrated processes, you can easily increase process efficiency and shorten the procurement process cycle by converting time-consuming manual processes into automated, streamlined, real-time business process management.

Procurement data can be sent to spend analytics to analyze spend data and to identify sourcing opportunities, which are processed in strategic sourcing. The result of the sourcing event, for example, a contract, can be transferred from SAP E-Sourcing to SAP ERP and utilized in operational procurement processes.

5.4.4.2 Technical System Landscape

The following figure shows the underlying architecture of Operational Procurement:
5.4 Implementable Steps

For a more readable version of this graphic, go to the SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite → SAP SRM → SAP SRM 7.03

NOTE

SAP Internet Pricing and Configurator 7.0 (SAP IPC 7.0) is part of the component AP 7.0.

5.4.4.3 Implementation Sequence

For the implementation sequence of Operational Procurement, see the following sections of the master guide for SAP ERP 6.0 on SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) → SAP Business Suite Applications → SAP ERP → SAP ERP 6.0 → Installation → Master Guide - SAP ERP 6.0:

- Procurement and Logistics Execution
- Product Instance SAP SRM – Catalog Content Management
- Product Instance SAP SRM - CCM SRM-MDM Catalog
SAP provides the SAP Solution Manager as the platform for efficiently supporting the implementation and operation of your SAP solution. SAP Solution Manager significantly accelerates the implementation process, and helps you achieve your business goals. It contains predefined implementation content (Customizing activities and transactions, as well as documentation and SAP Notes) to help you configure your SAP SRM solution. In addition, SAP delivers support services based on the business scenarios designed and documented in SAP Solution Manager.

CAUTION
The use of SAP Solution Manager is mandatory for SAP SRM — When you install SAP SRM Server 7.03 or upgrade to this release, you are prompted to enter a key generated by SAP Solution Manager. Without this key, the installation or upgrade process cannot continue. For more information, see the installation or upgrade guide for SAP SRM Server 7.03.

In SAP enhancement package 3 for SAP SRM 7.0, the SAP Solution Manager contains standard implementation content for the business scenarios, covering all key capabilities of the SAP SRM Solution Map. This enables a fast implementation of the entire solution in units of business processes.

In your SAP SRM project, execute the following activities using SAP Solution Manager:
- Carefully read the documentation of core business processes that have been changed or newly implemented.
- Plan your solution landscape
- Connection of existing systems and activation of SAP EarlyWatchAlert
- Setup Solution Manager Diagnostics for root cause analysis of Java components
- Handover of processes and systems to support organization after Go Live
- Configuration of your scenario according to the documentation contained in SAP Solution Manager

RECOMMENDATION
Document, configure, and test the previously defined business processes. Train users with SAP Solution Manager.

For more information, see the following information source for SAP Solution Manager:


The following information summarizes installation considerations:

- Each SAP SRM (or SAP NetWeaver) system landscape must be assigned to an installation of the SAP Solution Manager. In the event of a support-relevant incident within your SAP system landscape, SAP Support requires remote access to the SAP Solution Manager that hosts the affected system landscape.

- If you already have a SAP Solution Manager deployment in place, you can also use it to manage the solution you build with SAP NetWeaver and SAP SRM as well. In this case, we recommend updating SAP Solution Manager and Solution Manager content to the latest version. The minimum supported version of SAP Solution Manager with SAP enhancement package 3 for SAP SRM 7.0 is SAP enhancement package 1 for SAP Solution Manager 7.0.

- It is possible to install multiple instances of the SAP Solution Manager. In this case, each installation should host separate business solutions.

- To reduce the risk of unavailability, do not install SAP Solution Manager as a central component. Instead, operate a two-system landscape with test and production environment of SAP Solution Manager, especially if you are using time-critical functions like Support Desk. If you also develop your own content, a three-system landscape with development, test, and production environment is recommended.

Extended Implementation Content in SAP Solution Manager

In the business process repository of SAP Solution Manager, you can find high-quality business processes under [Solutions/Applications → Extended Implementation Content for Lines of Business](http://service.sap.com/solutionmanager). These business processes are highly demanded by consultants and customers and provide optimized configuration information for various lines of business (for example, Finance, Sales, Manufacturing, and Supply Chain).

Extended implementation content for lines of business is characterized by carefully drafted configuration information, including the following:

- Configuration information is assigned to all business processes. This process-specific configuration information always contains a clear reference to additional basic configuration settings that are available for the required components of a process. Therefore, when you include a business process in a self-defined scenario, you can easily identify all relevant configuration settings that are relevant for your project.

- Configuration information that is specific for an optional process step is directly assigned to that process step. Therefore, when you remove an optional process step from your project because you
do not need it, the corresponding configuration activities are also automatically excluded from your implementation project.

For your implementation project, this means:

- With the extended implementation content, the implementation of a business process is easier than before.
- You can adjust SAP business processes to your own enterprise-specific requirements.
- You can be sure to get all required configuration information if you include an SAP business process in a self-defined business scenario.
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7 References

CAUTION


List of documentation references for this SAP Business Suite solution and its business scenarios:

<table>
<thead>
<tr>
<th>Title</th>
<th>Where to find</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Guide SAP enhancement package 4 for SAP NetWeaver® 7.0 Search and Classification (TREX)</td>
<td>SAP Service Marketplace at <a href="http://service.sap.com/instguides">http://service.sap.com/instguides</a> → SAP NetWeaver</td>
</tr>
<tr>
<td>Configuration documentation for SAP enhancement package 3 for SAP SRM 7.0 for each business scenario and end-to-end process</td>
<td>All configuration documentation for SAP enhancement package 3 for SAP SRM 7.0 is available in SAP Solution Manager.</td>
</tr>
</tbody>
</table>

The following table lists the SAP Notes referred to in this document. Make sure you have the most up-to-date version of each SAP Note, which you can find on SAP Service Marketplace at [http://service.sap.com/notes](http://service.sap.com/notes).

List of SAP Notes

<table>
<thead>
<tr>
<th>SAP Note Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1454924</td>
<td>Upgrade of Repository Schema for MDM Repository</td>
</tr>
<tr>
<td>1224284</td>
<td>Enterprise Services Bundles — Required Technical Usages and Business Functions</td>
</tr>
<tr>
<td>1261825</td>
<td>SAP SRM 7.xx: Information on PFCG Roles and Portal Roles</td>
</tr>
</tbody>
</table>
This page is left blank for documents that are printed on both sides.
For information on the SAP enhancement package 3 for SAP SRM 7.0 media list, go to [http://service.sap.com/instguides → Installation and Upgrade Guides → SAP Business Suite Applications → SAP SRM → SAP SRM Server 7.13](http://service.sap.com/instguides)

If you want to install Java hubs on SAP NetWeaver 7.4, see SAP Note 1468349 and the Media List for SAP NetWeaver 7.40. For installation documentation and the Media List for SAP NetWeaver 7.40, see SAP Service Marketplace at [http://service.sap.com/instguidesnw73](http://service.sap.com/instguidesnw73).
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9 Appendix

9.1 Tools and Resources for Planning Your System Landscape

To plan your system landscape, you can use a few tools and resources that are available to you as SAP customer.

Tools

On SAP Service Marketplace, we provide some tools that allow you to look up more detailed information about business scenarios, business processes and implementable steps. These tools include the following:

Tools for Looking Up Information about Business Processes, Scenarios, and Implementable Steps

<table>
<thead>
<tr>
<th>Tool</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business process repository (BPR) viewer</td>
<td>To look up descriptions of business scenarios, business processes, and implementable steps</td>
</tr>
<tr>
<td>Scenario and process component list</td>
<td>To look up the required components and releases for a business scenario, business process, or implementable steps</td>
</tr>
</tbody>
</table>

In addition, there are tools in SAP Solution Manager that support you before, during, or after the installation of your SAP product or SAP enhancement package. These tools include:

Tools for Supporting Installations and Upgrades

<table>
<thead>
<tr>
<th>Tool</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solution Manager System Landscape (transaction SMSY)</td>
<td>To model and set up your system landscape</td>
</tr>
<tr>
<td>SAP Solution Manager Maintenance Optimizer (transaction DSWP)</td>
<td>To install support packages and SAP enhancement packages</td>
</tr>
<tr>
<td>Business process repository</td>
<td>To access configuration documentation, links to Customizing activities and master data transactions, specifically tailored for individual business processes, business scenarios, or implementable steps</td>
</tr>
<tr>
<td>Business process change analyzer (available with SAP enhancement package 1 for SAP Solution Manager 7.0)</td>
<td>To analyze the effects of transports and support packages as well as activation logs for business functions</td>
</tr>
</tbody>
</table>
NOTE
You require at least one of the following versions of SAP Solution Manager.

- SAP Solution Manager 7.0 EHP1, SPS23 or higher
- SAP Solution Manager 7.1, SPS01 or higher

SAP Solution Manager 7.0 EHP1, SPS23 supports all update and maintenance processes (for example, transaction SMSY or Maintenance Optimizer). There is no need to upgrade to SAP Solution Manager 7.1.

For more information, see SAP Service Marketplace at [http://service.sap.com/solutionmanager](http://service.sap.com/solutionmanager).

SAP Solution Manager: Implementation Content
To get implementation content that supports you during the configuration of your business processes and business scenarios, you need the SAP Solution Manager add-on Implementation Content ST-ICO 150_700 (SP31).

Landscape Verification for SAP Solutions Manager
To verify and correct your system landscape SAP highly recommends that you use Landscape Verification 1.0 for SAP Solution Manager 7.0, which is an add-on to your SAP Solution Manager 7.0 system. This add-on allows you to identify and correct issues in your SAP Solution Manager landscape (transaction SMSY) before they cause problems, for example during a system update. Examples for errors are a missing connection to the System Landscape Directory or the wrong assignment of products to technical systems. For each type of error, a generic description for the solution is provided.

For more information about the landscape verification add-on, see SDN at [http://www.sdn.sap.com/irj/sdn?rid=/webcontent/uuid/70fc3790-7ec9-2d10-57ad-95b2d0d1185d](http://www.sdn.sap.com/irj/sdn?rid=/webcontent/uuid/70fc3790-7ec9-2d10-57ad-95b2d0d1185d).

To get an overview of the necessary steps for planning a system landscape, use the Landscape Implementation — Technical Planning Guide on SAP Service Marketplace at [http://service.sap.com/instguides](http://service.sap.com/instguides) under SAP Business Suite Applications. The guide also provides you with more information about the following:

- Examples of reference system landscapes
- Planning tools such as the business process repository
- Deployment options
- Typical implementation process
9.1.1 Business Process Repository (BPR) Viewer

The business process repository viewer (BPR viewer) is a tool on SAP Service Marketplace that allows you to preview the existing business scenarios, business processes that are shipped as part of SAP Solution Manager content. You can make use of the information in SAP Solution Manager during your implementation project by taking the pre-delivered implementation content as the starting point for your project scope. The implementation content is delivered with the following assigned information:
- Description of the business scenario, process, or implementable step
- Configuration content (Customizing activities or configuration documentation)

9.1.2 Using the BPR Viewer

Procedure

Calling Up the BPR Viewer

You can call up the BPR viewer directly using the Internet address https://implementationcontent.sap.com/bpr. Alternatively, you can also call up the Internet address http://service.sap.com/bpr first, to see more background information about the BPR viewer and additional material on SAP Service Marketplace.

Working with the BPR Viewer

To call up information about business scenarios, business processes, or implementable steps, navigate the following paths in the BPR viewer:

<table>
<thead>
<tr>
<th>BPR Object</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business scenario</td>
<td>Under Solutions/Applications</td>
</tr>
<tr>
<td>Business process</td>
<td>Under Organizational Areas</td>
</tr>
<tr>
<td>Implementable step</td>
<td>Under Solutions/Applications</td>
</tr>
</tbody>
</table>

For each business scenario, business process, or implementable step, you can select between different versions that depend on varying components and releases. To display the descriptions of a business scenario, business process, or implementable step, choose the Documentation tab page. To display configuration documentation, choose the Configuration tab page.

NOTE

The BPR Viewer displays all descriptions, but only a selection of the configuration documentation. To view all configuration documentation, install and use SAP Solution Manager at your customer site.
9.1.3 Scenario and Process Component List (SCL & PCL)

The scenario and process component list (SCL/PCL) is a tool on the SAP Service Marketplace that allows you to find realization alternatives for SAP solutions, business scenarios, and processes for your SAP enhancement package installation. You find the tool at http://service.sap.com/scl.

The SCL/PCL helps you to bridge the gap between the business view and the technical view in SAP’s products. It shows you which application components are needed to realize a business scenario or a process and which business scenarios are possible with a given set of application components.

9.1.4 Using the SCL/PCL

Procedure


2. To start the SCL/PCL, choose Start Application.

   The following selection options are provided:
   
   - SAP Scenarios and Realization Alternatives
     
     With this option you can browse SAP's solutions, business scenarios, and processes. You can find out which components are needed and the available alternatives.
   
   - SAP Components and Possible Scenarios
     
     This option allows you to browse SAP's products and components and to find out, which business scenarios and processes you can realize using the components.

   For more information on how to use the tool, refer to the Help section.

3. Select SAP Scenarios and Realization Alternatives.

   Select one or several scenarios, processes, and variants you want to realize. You can make your selection by using an alphabetical index or a full-text search. It is also possible to see all scenarios for a certain solution. You will then get a list of the alternative ways to realize these scenarios. You can also search for the identified business functions of a SAP enhancement package.

   In the following steps we chose the scenario Billing Analysis in ERP as an example.

4. Add the scenario Billing Analysis in ERP to the Selected Scenarios/Processes/Variants list and choose Show Realization Alternatives. The SCL/PCL then lists the different possibilities. With options like Validity you can switch between possible and impossible realization alternatives. The Optional Comp. dropdown list helps you to find the minimum required SAP product versions.
## Typographic Conventions

<table>
<thead>
<tr>
<th>Example</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>&lt;Example&gt;</code></td>
<td>Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your &lt;User Name&gt;”.</td>
</tr>
<tr>
<td><img src="Example" alt="Example" /></td>
<td>Arrows separating the parts of a navigation path, for example, menu options</td>
</tr>
<tr>
<td><code>Example</code></td>
<td>Emphasized words or expressions</td>
</tr>
<tr>
<td><code>Example</code></td>
<td>Words or characters that you enter in the system exactly as they appear in the documentation</td>
</tr>
<tr>
<td><code>http://www.sap.com</code></td>
<td>Textual cross-references to an internet address</td>
</tr>
<tr>
<td><code>/example</code></td>
<td>Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web</td>
</tr>
<tr>
<td><code>123456</code></td>
<td>Hyperlink to an SAP Note, for example, SAP Note 123456</td>
</tr>
</tbody>
</table>
| `Example` | - Words or characters quoted from the screen. These include field labels, screen titles, pushbutton labels, menu names, and menu options.  
  - Cross-references to other documentation or published works |
| `Example` | - Output on the screen following a user action, for example, messages  
  - Source code or syntax quoted directly from a program  
  - File and directory names and their paths, names of variables and parameters, and names of installation, upgrade, and database tools |
| `EXAMPLE` | Technical names of system objects. These include report names, program names, transaction codes, database table names, and key concepts of a programming language when they are surrounded by body text, for example, `SELECT` and `INCLUDE` |
| `EXAMPLE` | Keys on the keyboard |
Disclaimer

Documentation in the SAP Service Marketplace
You can find this document at the following address: http://service.sap.com/instguides