

**User Guide**

January 10, 2017

**CUSTOMER**

# SAP Fiori App Recommendations



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# 1 Introduction

With SAP Fiori App Recommendations Analysis in the SAP Fiori apps reference library, you can identify the SAP Fiori apps that best fit your needs. The tool bases recommendations on app relevance and readiness. Relevance describes the SAP Fiori apps that are relevant for you based on the business processes you use, and readiness describes how ready your system is to use SAP Fiori apps. The analysis provides you with the following information:

- SAP Fiori apps that are relevant for the business processes you use
- SAP Fiori apps that are already installed and can be used without a system update
- SAP Fiori apps that can be used assuming a software update or database migration
- Installations required in order to use certain SAP Fiori apps

Using a list of transaction codes uploaded to the SAP Fiori apps reference library, the SAP Fiori App Recommendations Analysis provides a list of SAP Fiori apps that fit the business processes you use.

Additionally, you can check the readiness of your system landscape by providing a list of installed software component versions. This will show you whether or not all required components are already installed in your landscape or display the missing product versions required for installing a SAP Fiori app.

For more detailed information, see [Analysis Results \[page 8\]](#)

## 2 Prerequisites

### Login

To run an SAP Fiori App Recommendations Analysis, log in to the SAP Fiori apps reference library using your SAP Service Marketplace User Id. If you do not have a user id, you can request one here: [https://service.sap.com/sap/bc/bsp/spn/new\\_user\\_pass/infouser\\_request.htm](https://service.sap.com/sap/bc/bsp/spn/new_user_pass/infouser_request.htm)

If you have trouble logging in, try clearing your browser cache and restarting your browser.

After you have logged in to the SAP Fiori apps reference library, you can begin. A wizard will guide you through the steps required to perform a Relevance and Readiness Analysis:

1. Uploading or selecting a Usage Profile
2. Uploading or selecting System Profiles based on your HANA product suite, front-end system, back-end system, and/or HANA system
3. Naming and running your analysis

### Usage and System Profiles

#### Uploading Usage Profiles

Typically, a usage profile is a downloaded list of transactions that you are using in your productive SAP ABAP back-end system. In order to use the transaction list in an SAP Fiori App Recommendations Analysis, you must save it as a CSV file. Alternatively, you can create the CSV file containing the list of transaction codes manually.

You can upload as many usage profiles as you want.

For more information about how your system administrator can extract this list from the workload monitor (transaction ST03), please see [How to Create a Usage Profile CSV File \[page 15\]](#).

#### Caution

Usage profiles must be saved as CSV files in order to be uploaded.

#### Uploading System Profiles


In addition to receiving recommendations about SAP Fiori apps for your needs, you can also find out whether or not your system is ready to run SAP Fiori apps by checking system readiness as part of the analysis.

You must upload a system profile for each system you want to check. A system profile is a list of software component versions that are installed on the system. For more information about how your system administrator can extract a system profile and create the corresponding CSV file for upload, please see [How to Create an ABAP System Profile CSV File \[page 18\]](#) or [How to Create a HANA System Profile CSV File \[page 22\]](#).

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If you have not implemented a separate front-end server, select the same system profile for both front-end and back-end.

It is also possible to create the CSV file for a system profile manually if, for example, you would like to simulate a future system upgrade that would make your system SAP Fiori ready.

 **Caution**

System profiles must be saved as CSV files in order to run the readiness analysis.

### Running an Analysis

To run an analysis, you need to select at least a usage profile or a system profile. You can run each analysis type separately or run them both together. The profiles selected for an analysis are stored with a unique name under your user ID.

You can also run simulation analyses based on transactions or software components that you will have in your system landscape in the future. You can run relevance and readiness analyses separately or together to see what SAP Fiori apps will fit your future usage and system profiles. For this use case, your system administrator can create the CSV files manually rather than using the ABAP Workload Monitor.

## 3 Using the SAP Fiori App Recommendations Wizard

After you have logged in using your SAP Service Marketplace User Id, you have the option to click on a text box stating, "Click here to get a list of SAP Fiori apps recommended for you based on your system usage." This text box leads you to a wizard that will guide you through the process of running a SAP Fiori App Recommendations Analysis.

### **i** Note

To navigate between steps in the wizard, click the numbers at the top of the screen rather than using the back button in your browser. The back button will take you back to the SAP Fiori Apps Reference Library start page and not to the previous step.

To run an analysis, you need to provide at least a Usage Profile or a System Profile in the wizard.

### Running a New SAP Fiori App Recommendations Analysis

To run a new SAP Fiori App Recommendations Analysis, you need to complete the following steps:

1. Choose "Create new analysis."
2. Use the dropdown menu to select a Usage Profile that you have already uploaded. You can also choose "Upload new Profile" to add a new transaction list.  
For more information about transaction lists, see [Prerequisites \[page 4\]](#).
3. Use the dropdown menu to select a System Profile for your HANA product suite, your front-end system, your back-end system, and your HANA system (if applicable). You can also click "Upload new Profile" if you would like to use a System Profile that has not already been uploaded. You must select a product suite for the analysis to run correctly.
4. Give your analysis a name so that you can easily find it in the Profile Manager later and check to make sure you are using the correct profiles for your desired analysis. If everything is correct, click [Start Analysis](#) to run your SAP Fiori App Recommendations Analysis.

### Displaying an Existing Analysis

To display an existing analysis, you need to complete the following steps:

1. Choose "Display existing analysis."
2. Display existing analysis  
Use the dropdown menu to select an analysis that you have run before and has been saved under your user ID. Click [Run analysis](#) to run your SAP Fiori App Recommendations Analysis.  
For more information about System Profiles, see [Prerequisites \[page 4\]](#).

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**i** Note

Only analysis profiles (i.e., the selected combination of a usage profile and system profiles) are stored, not analysis results. The list of relevant SAP Fiori apps is calculated each time you select and run an analysis because new apps are continuously added to the SAP Fiori Apps Reference Library.

## 4 Analysis Results

You can see the results of the analysis in the list view of the SAP Fiori Apps Reference Library. Two new fields and filters have been added to this view: relevance score and system readiness.

### Relevance Score

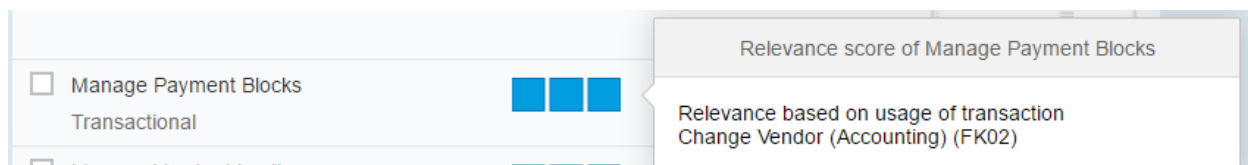
If you have selected a Usage Profile, the list is automatically filtered for the relevant apps, and the relevance score is shown in the table. The relevance score is calculated for each SAP Fiori app based on a list of transaction codes (the Usage Profile) you uploaded to the SAP Fiori Apps Reference Library. The score depends on the transactions codes and the application components you are using. If you hover over the relevance score, you will see a more detailed description.

### Interpreting the Relevance Results

#### Level 3 Rating



This SAP Fiori app is highly relevant for you because it directly matches a transaction code you are already using.



In this case, the transactional SAP Fiori app Manage Payment Blocks is highly relevant (relevance score of three) because it is a direct match with the transaction Change Vendor (Accounting) (FK02), which you are already using in your system.

#### Note

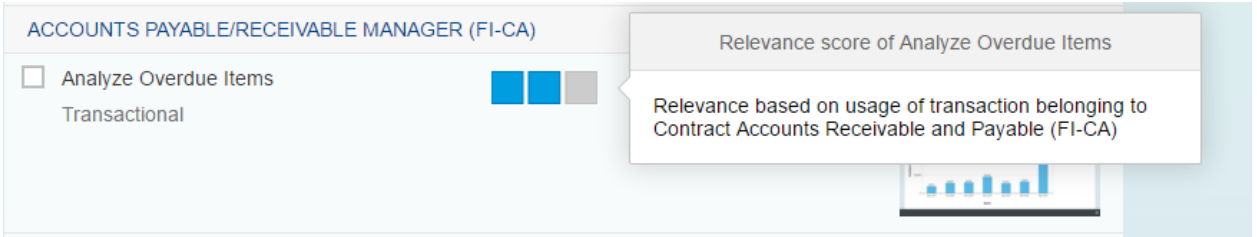
A high relevance score does not mean that the matching SAP Fiori app fully replaces or covers the SAP GUI transaction.

#### Level 2 Rating or Level 1 Rating



This SAP Fiori app is relevant for you because you are using transactions from the application area that the SAP Fiori app belongs to.





In the example above, the transactional SAP Fiori app Analyze Overdue Items has relevance score of two because you are using a transaction that belongs to the application area Contract Accounts Receivable and Payable (FI-CA), but the analysis was unable to find a direct match for the transaction code.

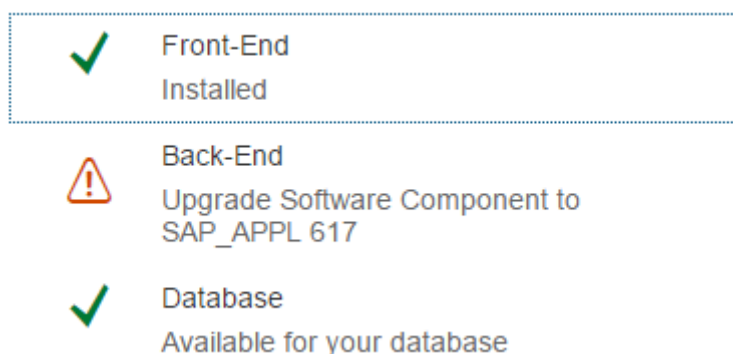
The level of the rating (1 or 2 boxes) depends on the proximity of the transaction to the application area in the Application Component Hierarchy (ACH) levels.

## System Readiness Status

The system readiness status summarizes whether or not the required software components are installed in your system landscape based on the selected System Profiles for your HANA product suite, front-end, back-end, and/or HANA system.

The results of the analysis show an overall installation status (installed, partly installed, not installed) for each Fiori app, as well as the detailed status per system. To view the corresponding installation information, hover over the installation status. You can also view more detailed installation information by switching to Installation Details (See [Working with the Analysis Results \[page 10\]](#)) in List View or switching to Details View.

Below is an example of an installation status result for a partially installed SAP Fiori app. The required front-end software components are installed, but the back-end software components require an upgrade to SAP\_APPL 617. The SAP Fiori app is also available for the database type you are using.



### **i** Note

The system readiness check is a single-level comparison of the software components containing the SAP Fiori app and your system profile. It does not check the completeness and consistency of the overall system.

Please use the SAP Maintenance Planner to determine if there are other missing components.

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## 5 Working with the Analysis Results

The SAP Fiori App Recommendations Analysis is fully integrated with the SAP Fiori apps reference library. The analysis adds two additional filters: Relevance and System Readiness. When you have chosen a Usage Profile in the wizard, the analysis result will be filtered to show relevant apps only by default.

After you have run your analysis, you can use these features:

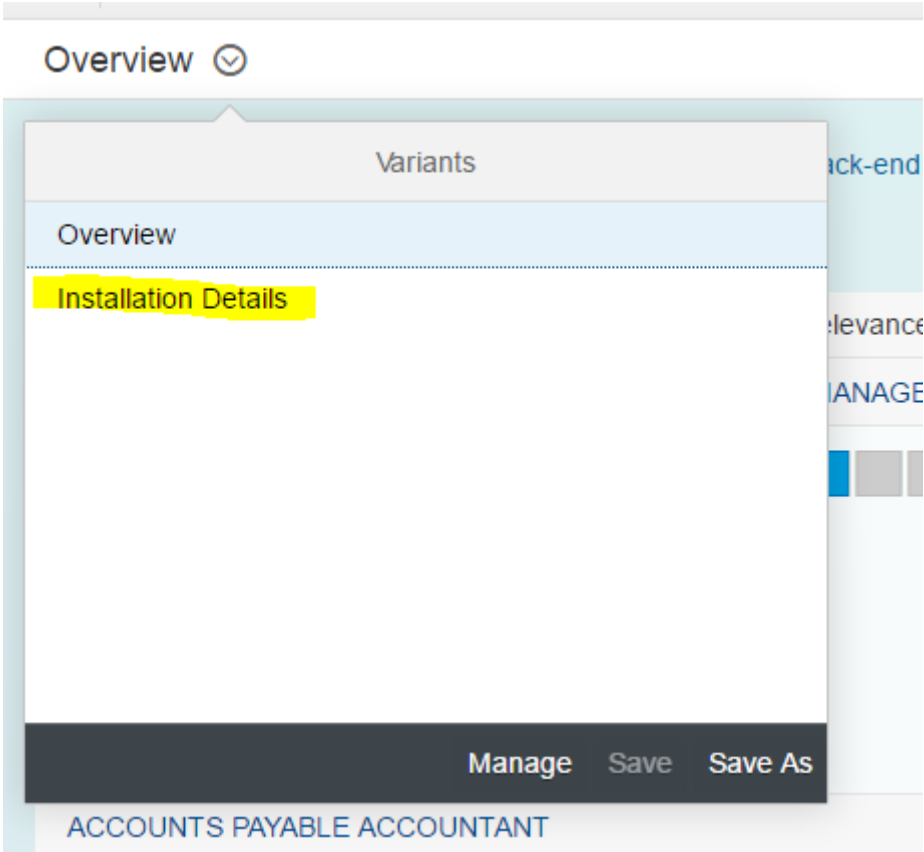
- Use additional filters to narrow down your results
- Configure fields to customize the data shown
- Download and save the results of the analysis as an Excel document
- Share a link to results for selected SAP Fiori apps via email
- Save selected SAP Fiori apps
- Use the Profile Manager to access usage profiles, system profiles, analysis profiles, and saved SAP Fiori app selections
- Switch to Details View to see detailed information for an app

### Results View

After you have run your analysis, you can see the results in [List View](#). This is a list of relevant apps that are relevant for you based on your Usage Profile, divided by business area. You can also see a short description and a screenshot of the app.

In the list view, you can also switch between [Overview](#) and [Installation Details](#) views.

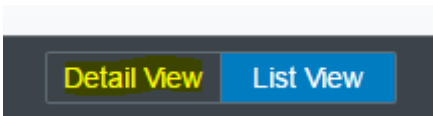
To change from Overview to Installation Details, use the dropdown menu at the top left of your screen and select [Installation Details](#).



In the *Installation Details* view, you can see how ready your system is to run a certain SAP Fiori app, system requirements, product versions, and the required SAP Notes for the SAP Fiori app.

You can return to *Overview* by using the dropdown menu at the top left of your screen. Click on the arrow and choose *Overview*.

If you would like more detailed information about a certain SAP Fiori app, you can change from *List View* to *Detail View* using the controls at the bottom of your screen.



In Detail View, you can click a checkbox next to the app you would like to know more about. In this view, you can see the key features and implementation information for the app.

**Manage Payment Blocks**  
for Accounts Payable Accountant

Fiori for SAP Business Suite - Latest back-end version

Line of Business: Finance  
Required Back-End Product: SAP Simple Finance, on-premise edition  
Application Type: Transactional  
Database: HANA DB exclusive

**PRODUCT FEATURES** IMPLEMENTATION INFORMATION

With the *Manage Payment Blocks* app, you can set and remove payment blocks on invoices or vendor accounts. You can use various search and sorting functions to select and display invoices and view their status. The app shows additional details when you navigate to supplier fact sheets, supplier accounting documents, and purchase orders.

**Key Features**

- Search Search for open invoices by vendor, purchase order, invoice number, or journal entry
- Display Display vendor accounts and open invoices and view their blocking status Display open invoices with their payment details and related documents
- Payment Blocks View the status of invoices and vendor accounts Select vendor accounts and invoices to block them for payment or unblock them Enter a payment block reason and comment
- Follow Up If your company uses SAP Jam, you can post comments there. For information on how to configure SAP Jam, see <http://help.sap.com/sapjam>.



## Working with the Results

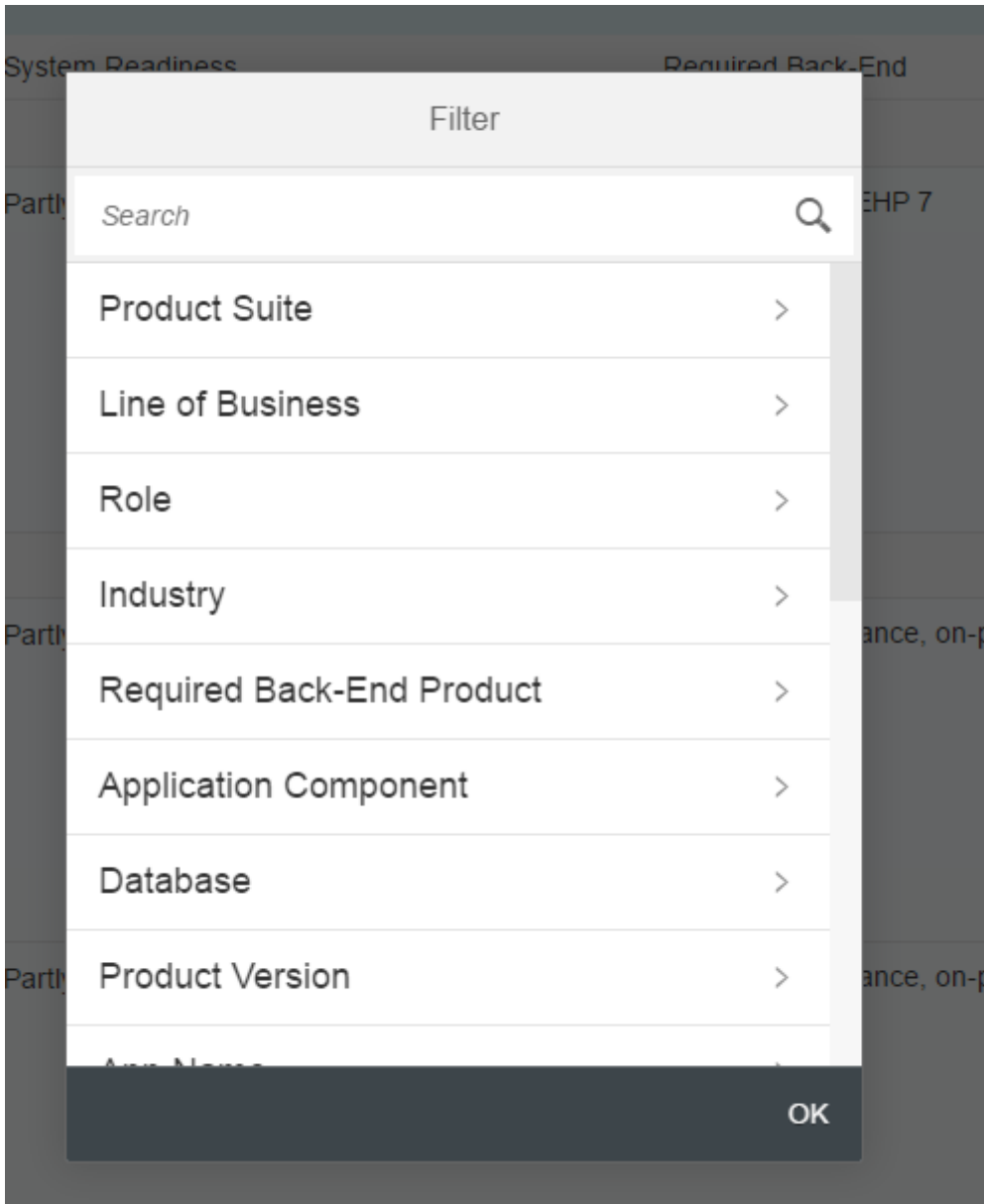
### Filtering Results

You can refine your results using filters like Product Suite, Line of Business, Role, Inquiry, and Required Back-End Product.

You can also combine the filters to display a specific set of SAP Fiori apps that are relevant according to your needs.

Some filters are already visible at the top of the results view. To add more filters, click on the arrow at the top of the

upper right-hand side of the screen  until you see this icon: . When you click on this icon, a window will appear, and you can choose the filters that best suit your needs.



After you have chosen the filters you need, click *OK* at the bottom right to apply them.

To restore the view to the default settings, click the curved arrow at the top right of the screen.




### **i** Note

The reset option only restores the filters to the default settings. The field display you have configured will stay the same.

### **Configuring Display Fields**

You can configure the results list to show you only the data you need. In order to configure the display fields, click

on the gear at the top right of the results list , and a window will appear.

Select or deselect the checkboxes, and click [OK](#) at the bottom right to apply them or [Cancel](#) to return to the list view without making any changes.

### Download the Results

You can download the results of your SAP Fiori App Recommendations Analysis. To do this, click [Download](#) at the bottom right of the results view. The document will be saved as an Excel file.

### Share the Results

You can share information about selected apps using Email. To send a link to the SAP Fiori Apps reference library, click [Share](#) at the bottom right of the results view. This opens your default mail program with a new Email containing a link to the apps you selected in the SAP Fiori Apps reference library.

### Save Selection

You can save selected SAP Fiori Apps and access them using the selector or edit them in the Profiles Manager. To save a selection, click the checkbox to select the app and then click [Save Selection](#) at the bottom right of the results view. This option only appears when you have made a selection.

### Profile Manager

With the Profile Manager, you can access the usage, system, and analysis profiles that you have already uploaded using the SAP Fiori App Recommendations Analysis wizard.

You can upload or delete Usage and System Profiles and view saved analyses.

You can access the Profile Manager by following the [Manage profiles](#) link at the top right of your screen.

In the Profile Manager, your saved analyses and profiles are divided by type, and you can access each type by clicking on the type names at the top of the screen.



The screenshot shows a web interface for Profile Manager. At the top, there are four tabs: 'Saved Analysis Profiles' (highlighted in yellow), 'Usage Profiles', 'System Profiles', and 'HANA Profiles'. Below the tabs, there is a header 'Analyses (1)' and a 'Create New Analysis' button next to a search box. The main content is a table with the following structure:

Saved Profile Name	Usage Profile	Back-End System Profile	Front-End System Profile	Hana Profile
<b>Sample Analysis</b> Sample analysis for new user	Sample Usage Profile	Sample Backend Profile	Sample Frontend Profile	None

To delete saved app selections, profiles, and analyses that you no longer need, click the red x to the right of the item.

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## 6 How to Create a Usage Profile CSV File

### Context

A Usage Profile is a list of SAP GUI transaction codes used to determine SAP Fiori apps relevant for your business processes. You can upload any list of transaction codes as long as the list is provided as a CSV file with a single transaction code per row.

An easy way to generate a Usage Profile is to extract the list of transactions used from the ABAP Workload Monitor (transaction ST03). Ask your system administrator to perform the following tasks to generate a Usage Profile:

### Procedure

1. Start transaction ST03 in the Workload Monitor
2. Select Workload - Total for the last closed month
3. Choose Transaction Profile – Standard
4. Export results list to Excel
5. Adapt the data, if required

Remove all columns except for the first (Report or Transaction Name)

6. Save Excel as CSV file.

#### **i** Note

For the analysis, only the first column is relevant.

The following is an example of how the ABAP Workload Monitor will look when running transaction ST03.

The screenshot shows the SAP ABAP Workload Monitor interface. At the top, the menu bar includes 'Load Display', 'Goto', 'Environment', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main title is 'Workload in System Q7Q'. Below the title, there are buttons for 'Full Screen On/Off' and 'Save View'. The left sidebar shows a tree view under 'Expert mode' with 'Workload' expanded. The 'Total' folder is selected, and the date '01/2015' is chosen. Under 'Analysis Views', the 'Transaction Profile' folder is expanded, and 'Standard' is selected. The main display area shows a 'Transaction profile: Times: T Total time (s), Ø Time/step (ms)'. The table below lists various transactions and their background jobs.

Report or Transaction name	Name of Background Job	# Steps	T
IUUC_MONITOR_SCHEMA	/ILT/IUC_REP_MSTR	55	
CL_DMC_STRUCTUREFIELD_LIST=====CP		1.065.399	
ODQ_DAEMON	ODQ_DAEMON_CLIENT_170	2.966	
SAPLTREX_EXT_ADMINISTRATION		34.704	
CL_BGRFC_SUPERVISOR_START=====CP		35.465	
RUPCHKDD		29.276	
CL_PERIODIC_BG_MONITORING=====CP		34.734	
AutoABAP		70.932	
SLC_AFTER_LANGIMP	SLC_AFTER_LANGIMP	20	
(BATCH)		1.925.282	
SAPRSLOG	EU_REORG	59	
SECM_LOG_2_ESP	SECM_LOG_2_ESP	43.696	
SAPLCRFC		13.854	
/1CADMC/SAPLDMC00000000010292		2.765.742	
IMS_BS_HOME_SBCSET_SPAU_CALC	SBCSET_SPAU_CALC	31	
SECATT		165.178	
SAPLQOWK		87.778	
RSCC_SCC1_BATCH	DSS_RSCC_SCC1_BATCH_000->707	31	
RSTPDAMAIN		107.010	
RSETESTD	RSETESTD	9	
RSCC_SCC1_BATCH	DSS_RSCC_SCC1_BATCH_000->666	29	
RSCVR_TRIGGER_COLLECT		3.954	
/1CADMC/SAPLDMC00000000010299		412.355	
RSBTCRTE		1.736.073	
SAPMSSY1		240.057	
SESSION_MANAGER		28.013	
RFC		701.946	
STWB 2		122.011	

## Results

Below you can see an example of the resulting Usage Profile CSV file that you get after running transaction ST03 in the ABAP Workload Monitor.



---

1	Report or Transaction name
62	PA30
63	WZR3
64	SM30
65	MMREO050
66	SECATT
67	DP90
68	IW32

---

# 7 How to Create an ABAP System Profile CSV File

Explains how to create an ABAP System Profile as a CSV file for a SAP Fiori App Recommendations Analysis.

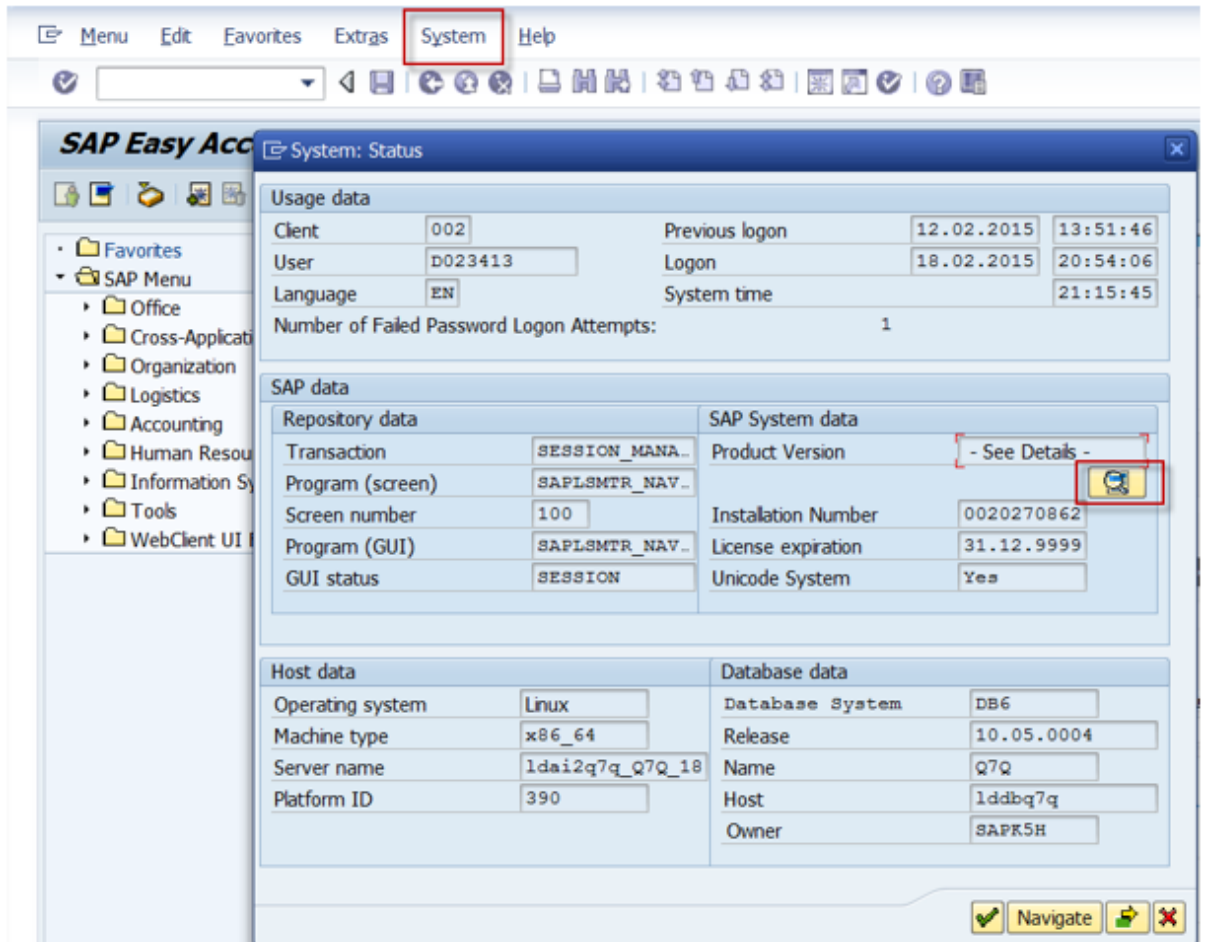
## Context

Ask your system administrator to export the list of installed software component versions as well as SP-Levels of all relevant ABAP systems to a CSV file. You need a separate CSV file for each system you want to check. Additionally, you need to know whether or not the system runs on a SAP HANA database.

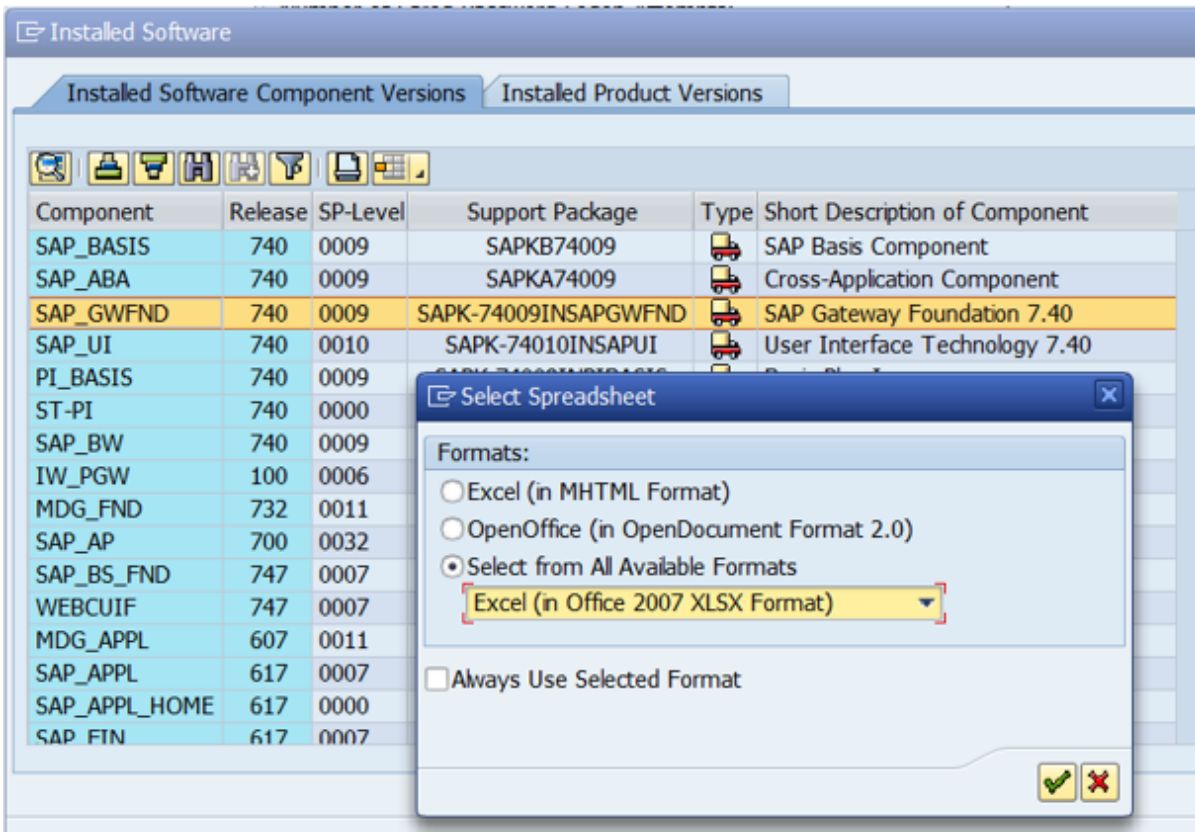
To generate these CSV files, your system administrator should follow these steps:

## Procedure

1. Go to ► [System](#) ► [Status](#) ▾
2. Click on [Details for Product Version](#)



3. Select the tab *Installed Software Component Versions*
4. Right click on the table and select the option *Spreadsheet*
5. Export the results to Excel as a CSV file



1	Component	Release	SP-Level
2	SAP_BASIS	731	16
3	SAP_ABA	731	16
4	PI_BASIS	731	16
5	ST-PI	2008_1_70	0
6	ARBFNDI2	100	0
7	GW_CORE	200	6
8	LWMB501	605	0
9	MDG_FND	731	14

6. Provide information about your database system

You can do this by providing a screenshot of the System Kernel Information.

System: Status

Usage data

Client	002	Previous logon	12.02.2015	13:51:46
User	D023413	Logon	18.02.2015	20:54:06
Language	EN	System time	21:28:45	

Number of Failed P...

System: Kernel information

Kernel Information		Database information	
Kernel release	742	DB client lib.	DB6_01
Compliation	Linux GNU SLES-1..	DB releases	DB6 09.07.*, DB6 09.08.*, DB6 10.*
Sup.Pkg M.	29	DBSL version	742.06
ABAP Load	1981	DBSL Patch Level	029
CUA load	40	System information	
Mode	opt	IP address	10.68.23.218
Rsyn file		SAP versions	700, 710, 701, 702, 703, 711, 720, 730, ...
		Operating System	Linux 2.6, Linux 3
		OP release	3.0.101-0.35-default
		SNC name	p:CN=Q7Q, O=SAP-AG, C=DE

Host data

Operating system

Machine type

Server name

Platform ID

Q7Q\_013 - PIPPUSER has no roles

Assign Roles to ...

Navigate

# 8 How to Create a HANA System Profile CSV File

Explains how to create a HANA System Profile as a CSV file for a SAP Fiori App Recommendations Analysis

## Context

Ask your system administrator to provide a list of Delivery Units installed in your HANA system.

Your system administrator can generate the list using the following steps:

## Procedure

1. Run the SQL Query in the HANA SQL console: `select * from "_SYS_REPO"."DELIVERY_UNITS" where vendor = 'sap.com' ;`

### Note

To execute this query, you need select privilege on **DELIVERY\_UNITS** table in the **\_SYS\_REPO**. Execute this query with **SYSTEM** user.

2. On the data preview screen, click on the results window and select *Export Results*.

The screenshot shows the SAP HANA SQL console interface. At the top, the SQL query is displayed: `select * from "_SYS_REPO"."DELIVERY_UNITS" where vendor = 'sap.com' ;`. Below the query, a table of results is shown with columns: DELIVERY\_UNIT, RESPONSIBLE, VERSION, VENDOR, VERSION\_SP, VERSION\_PATCH, PPMS\_ID, CAPTION, LAST\_UPDATE, SP\_PPMS\_ID, and ACH. The table contains 25 rows of data. A context menu is open over the table, with the 'Export Result...' option highlighted in yellow. Other options in the menu include 'Export Cell To...', 'Refresh' (F5), 'Close' (Ctrl+F4), 'Close All Results', 'Copy Cells', 'Copy Rows' (Ctrl+C), 'Details...', and 'Columns...'. At the bottom of the console, the execution status is shown: 'Statement 'select \* from "\_SYS\_REPO"."DELIVERY\_UNITS" where vendor = 'sap.com' and DELIVERY\_UNIT not like ...' successfully executed in 166 ms 752 μs (server processing time: 12 ms 466 μs) Fetched 181 row(s) in 157 ms 316 μs (server processing time: 0 ms 288 μs)'

- 
3. Save the result as a CSV file.

The file is created with all cells separated using ; as a separator.

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**go.sap.com/registration/  
contact.html**

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