



Process Discovery for SAP S/4HANA Transformation

(Evolution of SAP Business Scenario Recommendations on Spotlight)

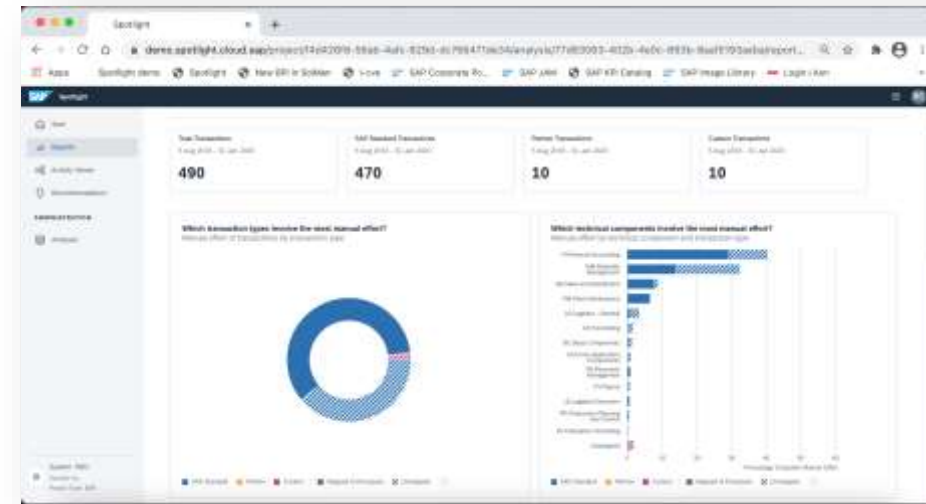
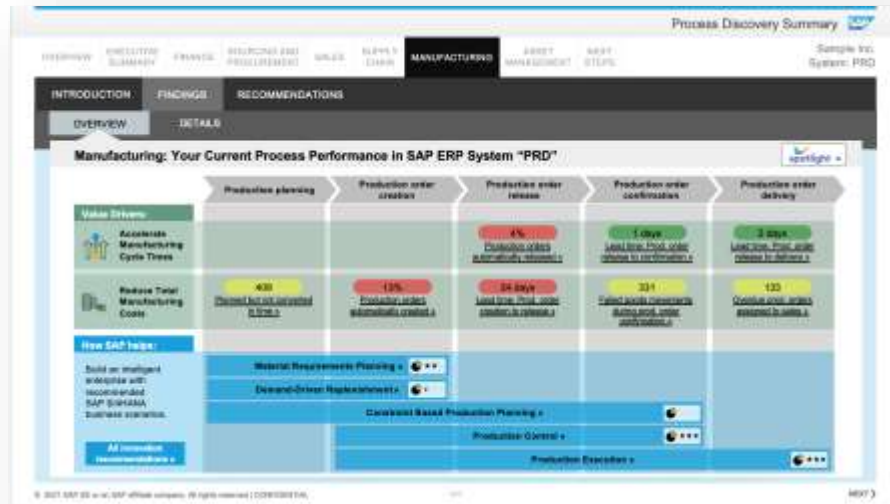
How-To-Guide

Instructions to extract all necessary information and request a Process Discovery for SAP S/4HANA Transformation

Context

This step by step guide describes what needs to be done to request the **Process Discovery for SAP S/4HANA Transformation**.

The [Process Discovery for SAP S/4HANA Transformation](#) will provide tailor-made recommendations based on data extracted from your SAP ERP system. It will help business decision makers in your company understand the value of moving the current SAP ERP to SAP S/4HANA.



Process Discovery cannot be used for a live SAP S/4HANA system. Instead the SAP Innovation and optimization Pathfinder on Spotlight was designed for it. You can order this analysis at <http://www.sap.com/pathfinder>.

Check Pre-requisites

Before you start, ensure that you fulfil the following prerequisites:

- The analysis is run **only for productive SAP ERP 6.0 systems** (incl. all EHP versions).
A system copy of the productive system shall not be used, as not all logs files are available there.
- **ST-A/PI version 01V** or higher shall be installed on your ERP system
- **Add authorization object SM_BPM_DET** (with the Characteristic of 'OBJECT_MS') **and S_DEVELOP** to the user who is executing the report
- The six lines of businesses **included** in the analysis are:
Finance, Sourcing and Procurement, Sales, Supply Chain, Manufacturing and Asset Management
- Human Resources line of business and related processes are not part of the analysis.

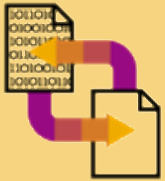
Questions? Please send an e-mail to: S4HANA@sap.com

Process Discovery for SAP S/4HANA Transformation

Request Process Overview

1

Extract data



- Implement SAP Notes [2745851](#) and [2758146](#) in productive SAP ERP system
- Run data extraction report and download ZIP file

How-To Guide »

2

Initiate your request



- Initiate your request – go to: www.s4hana.com
- Fill in the form, upload the extracted ZIP file and submit your request

3

Confirm your request



- After submitting your request you receive an e-mail to confirm your e-mail address
- SAP starts to create the PDF summary and the Process Discovery solution after your confirmation

4

SAP will share results



- SAP sends you the PDF summary and the instruction to activate your Process Discovery solution account (Spotlight by SAP) via email

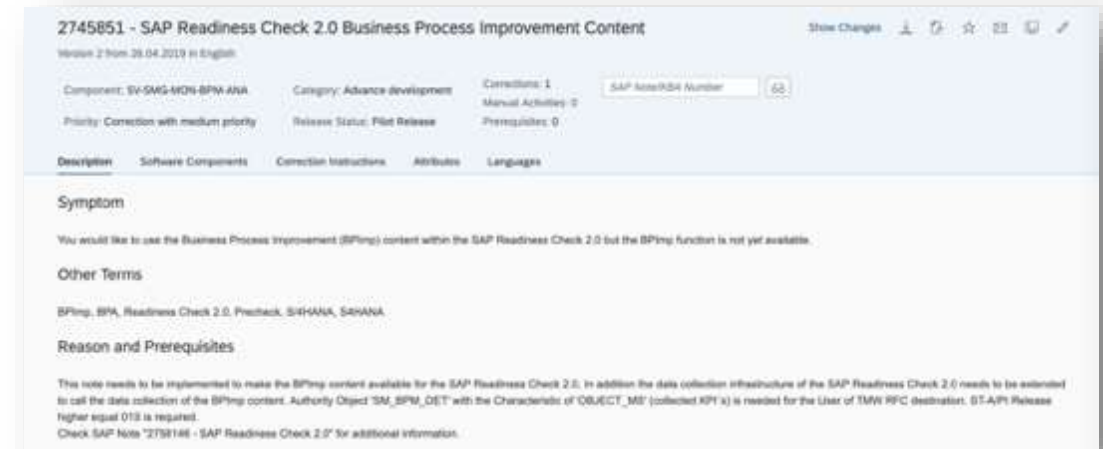
STEP 1: Implement SAP Notes

Implement two SAP Notes in your productive SAP ERP system using the note assistant (SNOTE):

- [SAP Note 2758146](#): This note contains the overall framework for data collection
- [SAP Note 2745851](#): This note contains the functionality needed to extract the business process performance metrics

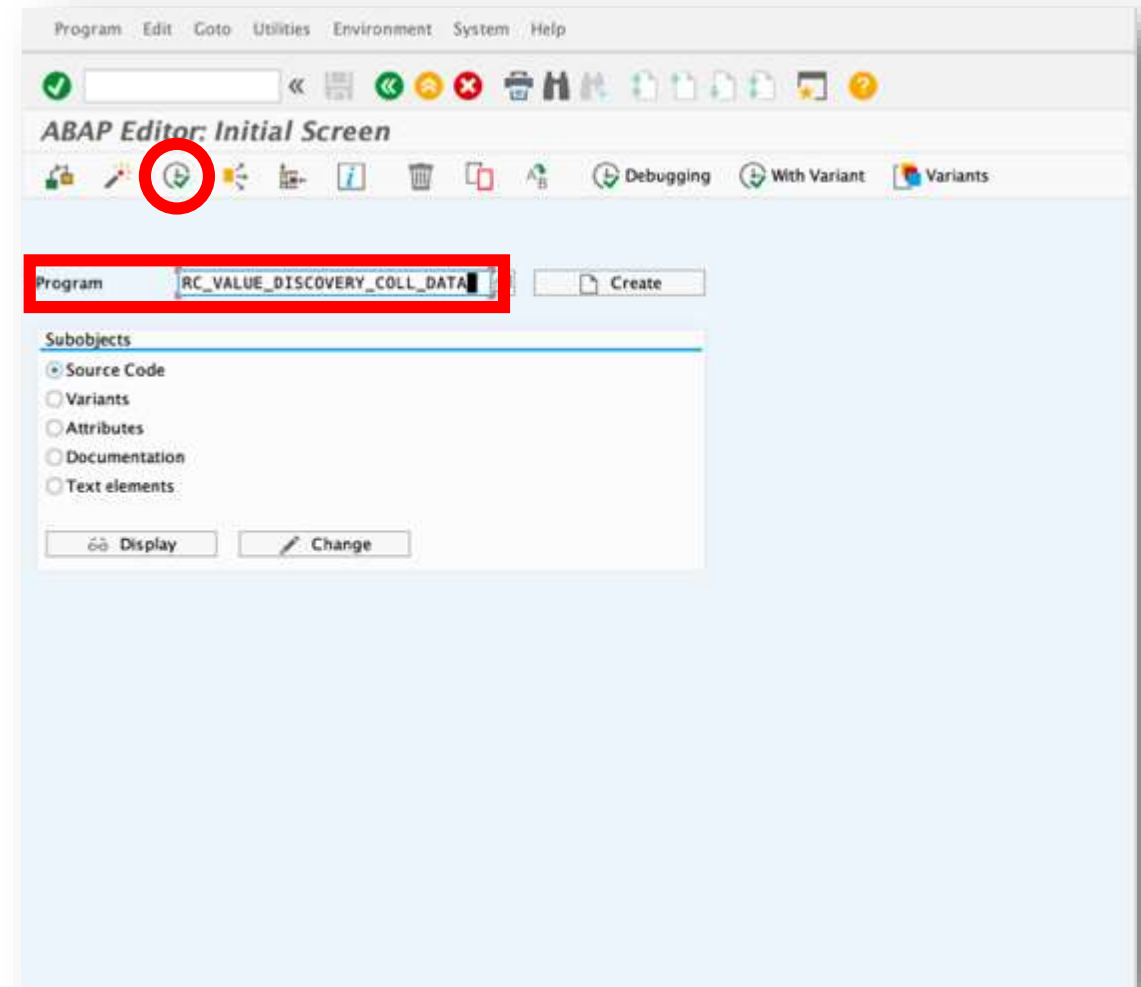
Please be sure to always implement the **latest available versions** of the two notes.

These notes are also used for SAP Readiness Check, but the extraction program and the generated files are different. **Please carefully follow all steps described in this guide and ensure to use the right extraction program.**



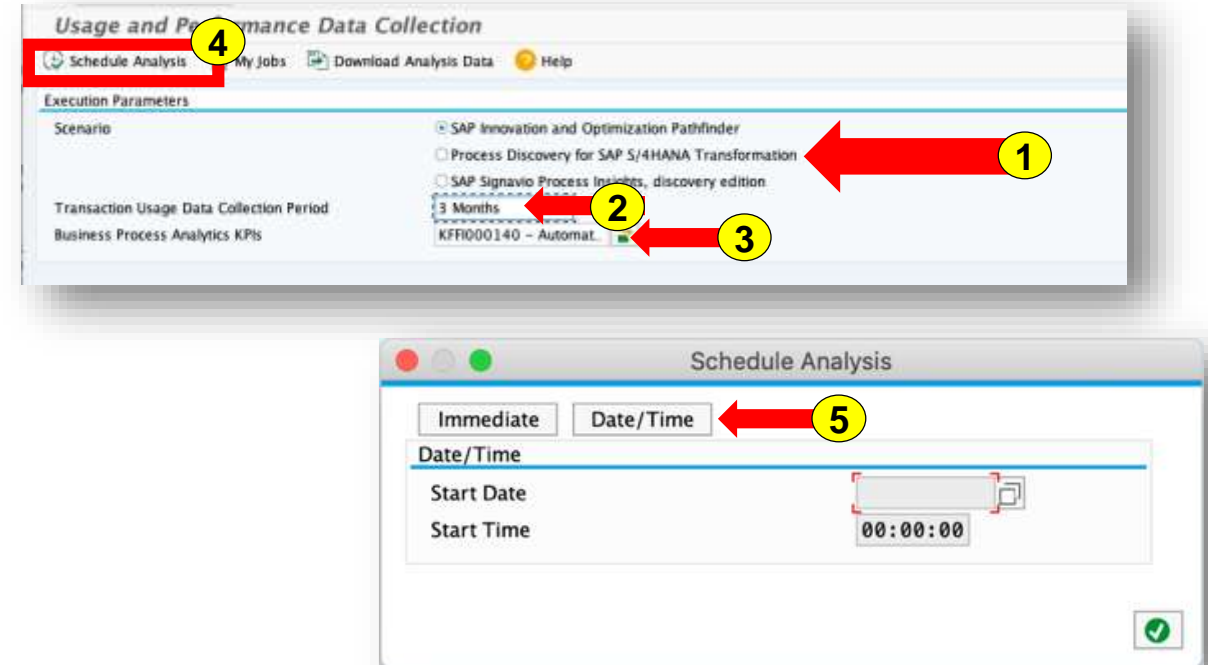
STEP 2: Run Extraction Program in Productive SAP ERP

- Run transaction SE38 in your **productive SAP ERP** system and production client, enter the report name:
RC_VALUE_DISCOVERY_COLL_DATA
- **System copy** of productive environment **shall not be used**, as not all the logs are available
- Press the Execute button (F8)
- The user which is executing the report must have assigned authorization object SM_BPM_DET (with the characteristic of 'OBJECT_MS') and S_DEVELOP



STEP 3: Schedule the Job for Data Collection

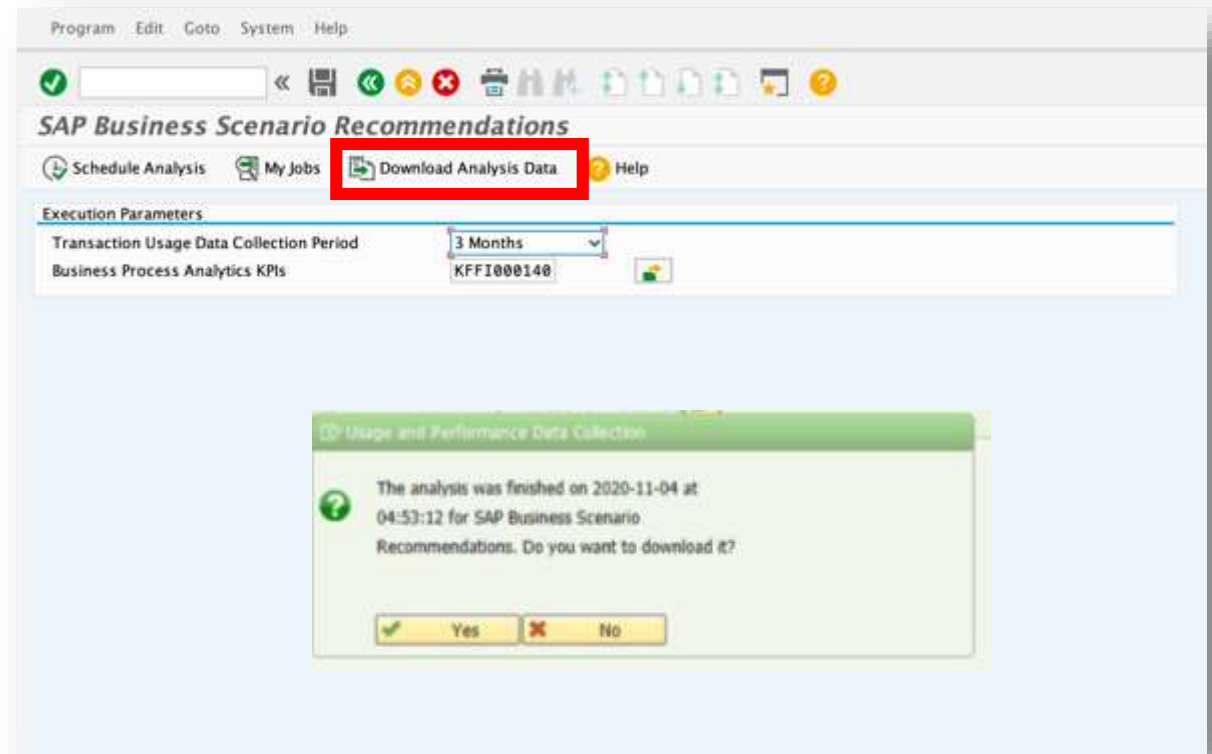
- 1 Select scenario:
'Process Discovery for SAP S/4HANA Transformation'
- 2 Select transaction usage data collection period, the default is set to **3 months**.
Important: The maximum data collection period must not exceed 6 months.
Tip: In case that extraction process takes too long or that the generated file is too big, you can also reduce this period to **1 month**.
- 3 Keep the default selection of KPIs
- 4 Press the button **Schedule Analysis** and a pop-up will appear
- 5 You can chose to execute data collection immediately or schedule it as background job.
We recommend to schedule the job at your best convenience.



*If the screen you see on your system looks different and you do not find the field "Transaction Usage Data Collection Period", you might need to implement a later version of note 2758146.

STEP 4: Download Collected Data

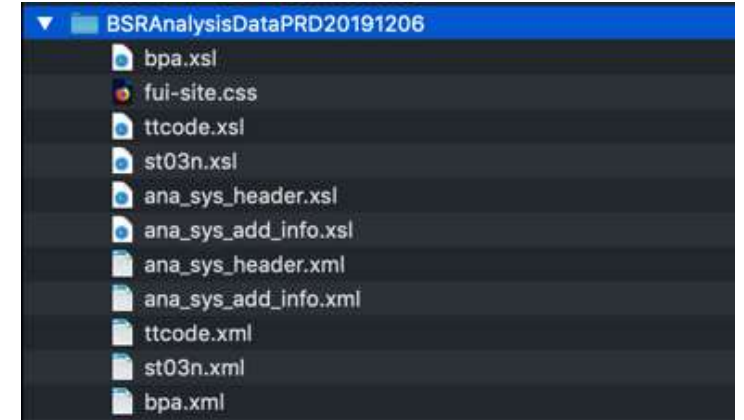
- You can review the status of your job by selecting the button “**My Jobs**” or via transaction SM37
- Once the Job has successfully completed press “**Download Analysis data**” that will show which files will be generated
- The download will always be performed for the last generated analysis, previous versions are not available
- Download the file to your local PC



STEP 5: Review Collected Data

1 Extract data

- Verify contents of ZIP file, which includes four or five XML files and XSL files
- Each XML file also includes a **formatting file XSL** (Extensible Stylesheet Language), which allows the review of its content in a readable format using Firefox, Microsoft Edge and Excel (The XSL does not work in Google Chrome and Apple Safari)
- XML content does not include any personal or financial data



If you have problems during the extraction process or any of the files mentioned below is empty, please follow the instructions from the [troubleshooting guide](#). If the error persists create an incident under component **SV-SCS-S4R**.

Content of files included in ZIP file:



Ana_sys_header.xml

Contains basic information to identify the system on which the analysis has been run.



St03.xml

Contains the list of transactions and reports used on the system over the last month with some statistical information.



ttcode.xml

Contains the list of transactions with their classification and the number of users executing them.



Ana_sys_add_info.xml

Additional technical information related to the system related to database, level of different solutions and software components installed.



Bpa.xml

Contains business metrics related to backlogs, percent of automation and lead time for selected business processes. It does also include additional information of the backlog time distribution and organizations contributing to the overall value.

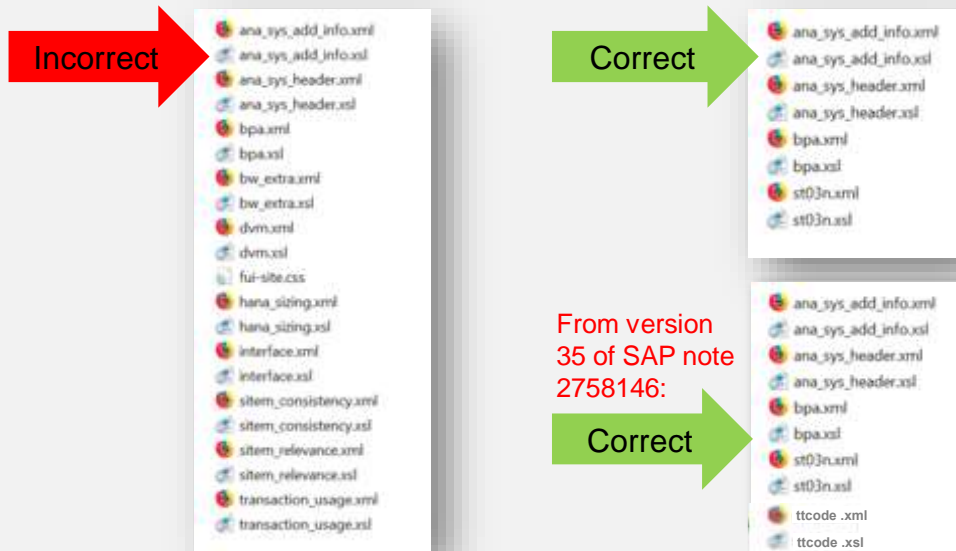
Take note that this file is included in the ZIP file from version 35 of SAP note 2758146.

STEP 6: Final Checks

1 Extract data

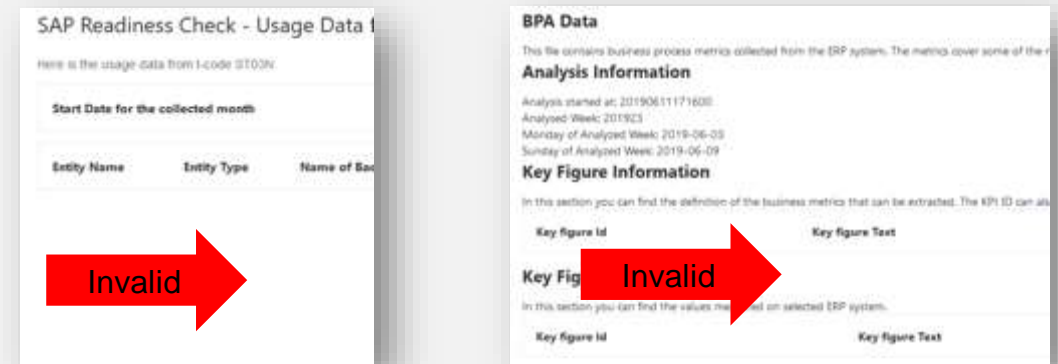
1. Check that the right zip file is shared, the file name should start with **BSRAnalysisData** followed by your system ID and extraction date.

→ This zip file should only contain four or five XML files and XSL files (depending on the SAP note version). If the zip file contains more XML files it is likely that it was incorrectly created with the SAP Readiness Check report.



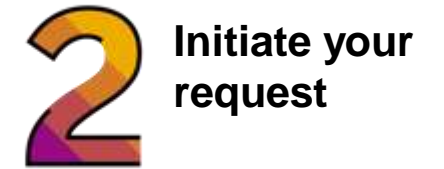
2. Check that all XML files contain data, especially bpa.xml, ttcode.xml and st03.xml

→ If one of the files is empty, ensure that the latest versions of the SAP Notes are applied to your SAP ERP system and data was collected in your productive system (see [step 1](#)).

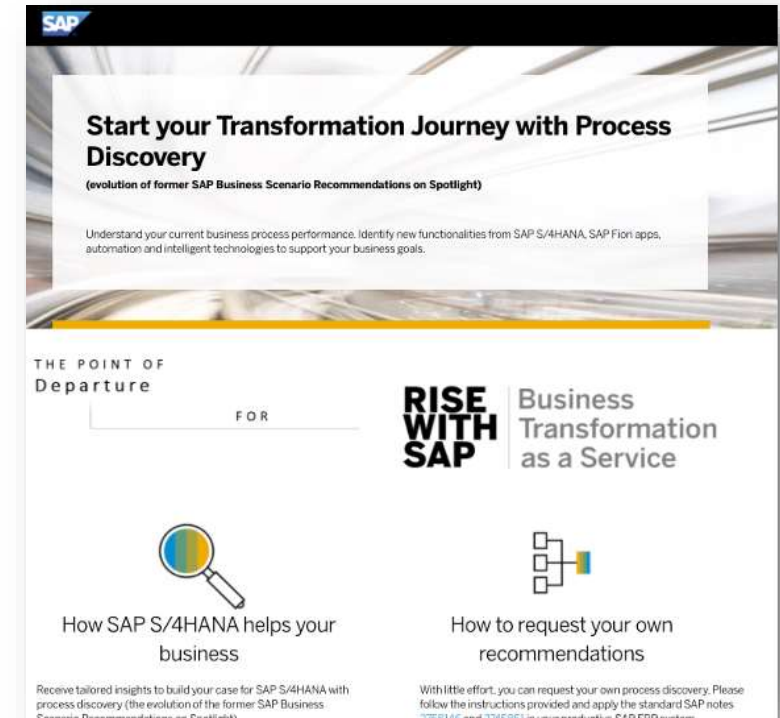


If you have questions please reach out to us via: s4hana@sap.com

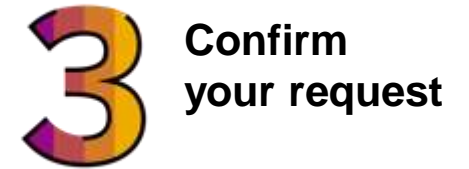
Enter your Request and Upload the ZIP File



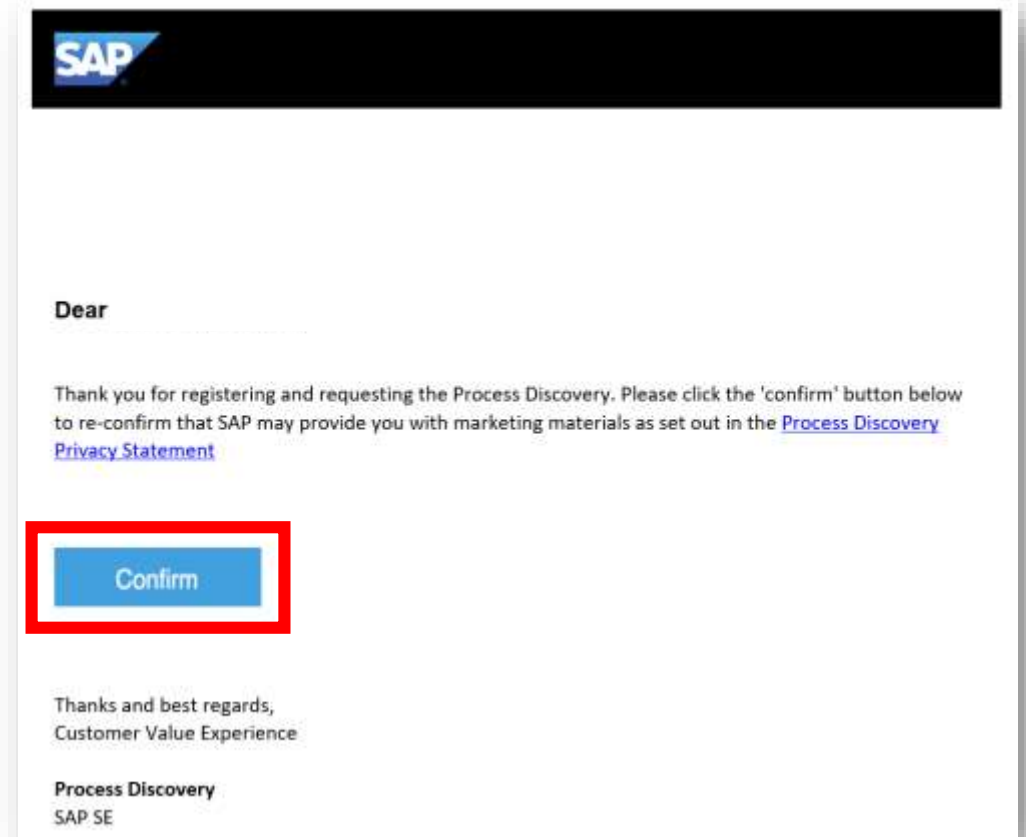
- After the file is extracted, you can request the **Process Discovery for SAP S/4HANA Transformation** via: www.s4hana.com
- Fill out the form and upload the **original ZIP file** you have extracted in previous steps (**please do not change the content of any file**)
- Once done press the 'Submit' button



Confirm your Request



- After you submit the request, you will receive a confirmation e-mail
- Press “Confirm” to complete the request process

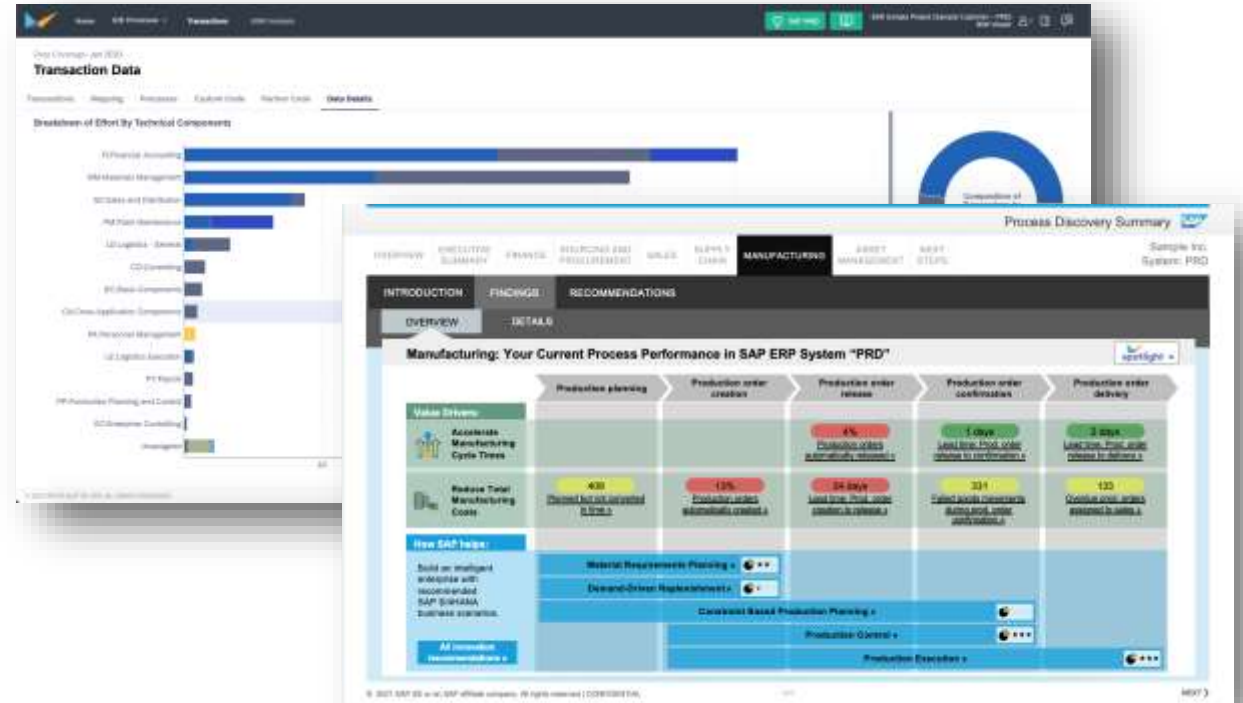


Results Report



SAP will share results

- SAP will send you the results via email
- It will take approximately 5 business days to receive the results report
- Questions?
Please contact us at: S4HANA@sap.com



Thank you.

Questions and Feedback:

S4HANA@sap.com

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