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Getting Started Guide for the Plug and Gain Approach

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1 Getting Started Guide for the Plug and Gain Approach

This guide provides information about getting things set up for the plug and gain approach. The information is intended for customers, technical consultants, and other interested parties within SAP.

2 What Is Plug and Gain?

Understand what the plug and gain approach is and how the value accelerators for the plug and gain approach can help you.

Introduction

The plug and gain approach offers an accelerated approach to business transformation and continuous improvement. It combines the strengths of SAP Signavio Process Transformation Suite to provide you with a predefined starting point for transformation and continuous improvement projects based on data from SAP ERP Central Component (SAP ECC), SAP S/4HANA, or SAP Ariba. Using the plug and gain approach therefore lets you combine the capabilities of SAP Signavio Process Insights and SAP Signavio Process Intelligence. You benefit from being able to get fast data insights from SAP Signavio Process Insights and then combine these with the flexibility offered by the features of SAP Signavio Process Intelligence.

The plug and gain approach lets you load data from SAP Signavio Process Insights to SAP Signavio Process Intelligence quickly and easily. It also allows you to do a deep-dive analysis on process performance and how your processes are actually run. This reduces the time needed to prepare for your transformation and continuous improvement projects significantly, by supporting the process to prepare and deploy faster and promote continuous process improvement. Typical use cases include the following:

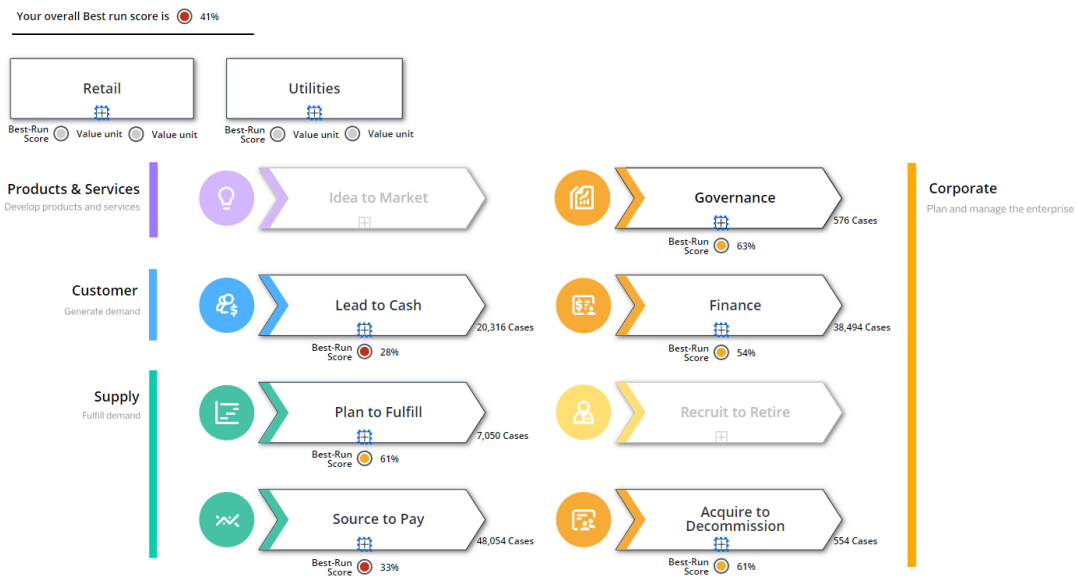
- To help reduce the complexity and cost of SAP S/4HANA transformation projects
- To address challenges arising from mergers and acquisitions, resulting in distributed system landscapes and limited process harmonization
- To handle the challenge of ERP systems that have grown historically with custom development, and obsolete configuration settings and data
- To avoid costly process mining projects that require a lot of setup time before processes can be improved

Outcomes and Deliverables

With the plug and gain approach, you can expect the following outcomes and deliverables:

Process Landscape Analysis

- **Process landscape analysis:** central entry point to the content for the plug and gain approach as shown in the following image



Note

The process landscape analysis is always based on the latest data set available only and not on older data.

The process landscape analysis provides an overview of an organization's end-to-end process landscape. You can start by analyzing your organization's process landscape by looking at the best-run scores for your core SAP processes (level 1). If you navigate down one level in the process landscape analysis, there's a modular process view with all other out-of-the-box content and analyses (level 2). Process models with color codes highlight the steps that contribute to effective process execution (level 3).

- Best-run score:** a score that quantifies the effectiveness of your process execution
 If there are multiple ways to accomplish a process step, some options are more favorable than others, such as automated or standard (as opposed to custom) process steps. The most favorable options are considered the best-run processes. The best-run score is calculated based on the number of completed cases that involve steps that are considered to follow the best-run process.
- Internal benchmarking:** comparison of process performance across systems or company codes
 Available based on data from SAP Signavio Process Insights, internal benchmarking lets you compare process performance based on company codes, document types, and more.
- Process execution analysis:** analysis of process variants to reveal actual processes
 This analysis in SAP Signavio Process Intelligence allows you to compare a modeled process and the actual steps that your organization is taking. It allows you to understand key process metrics by process variant and generate process diagrams from within SAP Signavio Process Intelligence based on the the actual processes followed.
- Transaction code analysis:** analysis of the usage of both standard SAP transactions and custom transactions
 As you strive for standardization, this overview helps you to understand how processes are executed at user level and to identify where there is harmonization and standardization potential and where harmonization effort should be planned.

Value Accelerators

In addition to the process landscape analysis, the plug and gain approach provides value accelerators for dedicated business processes such as Lead to Cash, Invoice to Cash, and Source to Pay.

These value accelerators allow you to analyze data from SAP Signavio Process Insights over long time periods. They also integrate multiple performance indicators from SAP Signavio Process Insights to provide a comprehensive view of processes. Each value accelerator focuses on two main aspects:

- Transformation
 - Analyze and improve your best-run score:
Track how your best-run score evolves and identify opportunities for improvement.
 - Harmonize your process:
Assess the current level of process harmonization in your organization and explore how to improve it.
 - Improve your master data quality:
Evaluate the usage and quality of your master data and identify areas for improvement.
- Continuous improvement
 - Perform domain-specific analyses to target process improvements, such as improving on-time payment performance in invoice-to-cash processes or reducing quantity deviations in plan-to-fulfill processes.

For an overview of the value accelerators available, see [Scope of Value Accelerators for Specific Processes in SAP Signavio Process Intelligence \[page 33\]](#).

3 Prerequisites

To ensure a smooth onboarding process, it's important that you understand all the requirements to be met before you can use the plug and gain approach.

The following prerequisites must be met:

- You have licenses for the following solutions:
 - SAP Signavio Process Insights

ⓘ Note

You must have the standalone SAP Signavio Process Insights, base edition.

- SAP Signavio Enterprise Plus Edition
- SAP Signavio Process Intelligence

ⓘ Note

The *SAP Signavio Process Intelligence: Access Data Integration* and *SAP Signavio Process Intelligence: Access Data Modeling* feature sets for data management must be activated for users who are setting up the customizable data connection and loading the data sets.

- SAP Signavio Process Manager
- SAP Signavio Process Collaboration Hub

For more information about licenses and sizing, contact your SAP account executive or sales representative.

- You've connected at least one production SAP ERP system (SAP ECC 6.0 or SAP S/4HANA) to your SAP Signavio Process Insights tenant and at least one data collection has run. For more information, see the [Administration Guide](#) for SAP Signavio Process Insights.

ⓘ Note

Any SAP ERP or SAP Ariba source systems connected to SAP Signavio Process Insights that you use for the plug and gain approach **must be production systems**. It's not possible to use system copies because the nature and quality of data in these systems makes their data unsuitable.

Connecting an SAP Ariba source system is optional, but must be done in addition to an SAP ERP source system.

Other source systems, such as SAP EWM and SAP SRM, aren't supported.

- You must have version ST-A/PI 01W SP2 or higher of the ST-A/PI plug-in installed in your SAP ERP source system. This version is required to ensure the content provided with plug and gain works as designed.
- You've set up the SAP Signavio workspace that you intend to use, which includes SAP Signavio Process Intelligence, SAP Signavio Process Manager, and SAP Signavio Process Collaboration Hub.

4 Scope of Business Content in Process Landscape Analysis

Understand what process flows from SAP Signavio Process Insights are used in the process landscape analysis in the plug and gain approach.

The following table indicates the scope of the process flows used in the process landscape analysis:

Note

As of November 4, 2025, some process flows variants for plug and gain are shown in a consolidated view. This provides more flexibility when analyzing the data. For information about the process flows variants used in the process landscape analysis before November 4, 2025, see the table further below under [Scope Before November 4, 2025 \[page 19\]](#).

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Source to Pay Finance	KFFI000960	Supplier invoice issuing (without purchase order) to FI-AP clearing	Supplier payment without purchasing	Yes
Lead to Cash Finance	KFFI001060	Customer invoice issuing (without sales) to FI-AR clearing	Cash collection for non-sales (invoices)	Yes
Acquire to Decommission Finance	KFFI001860	Asset master creation (asset under construction) to deactivation	Asset master creation (asset under construction) to deactivation	Yes
Acquire to Decommission Finance	KFFI001861	Asset master creation (with depreciation) to deactivation	Asset master creation (with depreciation) to deactivation	Yes
Utilities	KFFI001960	Utilities invoice creation to clearing in contract accounting (FI-CA)	Utilities invoice creation to clearing in contract accounting (FI-CA)	Yes
Utilities	KIISU00260	Utilities billing document creation to print document creation	Utilities billing document creation to print document creation	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Utilities	KIISU00261	Outsorted utilities billing document creation to invoice printout	Out-sorted utilities billing document creation to invoice print-out	Yes
Utilities	KIISU00360	Utilities print document creation to open item clearing	Utilities print document creation to open item clearing	Yes
Utilities	KIISU00361	Outsorted utilities print document creation to open item clearing	Out-sorted utilities print document creation to open item clearing	Yes
Retail	KIRET00460	Intracompany replenishment from distribution center to store	Intracompany replenishment with logistics execution from DC to store	Yes
Retail	KIRET00460	Intracompany replenishment from distribution center to store	Merchandise distribution execution (intracompany) with logistics execution from DC to store	Yes
Retail	KIRET00464	Intercompany replenishment from distribution center to store	Intercompany replenishment with logistics execution from DC to store	Yes
Retail	KIRET00464	Intercompany replenishment from distribution center to store	Merchandise distribution execution (intercompany) with logistics execution from DC to store	Yes
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Direct procurement for stock materials to DC	Yes
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Procurement for text items without material no. and account assignment, with expected goods receipt to DC	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Procurement for merchandise distribution to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for cost center with expected goods receipt to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for individual customer with expected goods receipt to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for orders with expected goods receipt to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for other account assignments with expected goods receipt to DC	Yes
Plan to Fulfill	KPLE000260	Shipment creation to shipment end	Shipment creation to shipment end	No
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Delivery processing for subcontracting without classic warehouse management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Outbound delivery processing for orders without charge without classic warehouse management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Outbound delivery processing for sales orders without classic warehouse management	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Processing of outbound deliveries without order reference and without classic warehouse management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Replenishment delivery processing for stock transport orders without classic warehouse management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Supplier return delivery processing without classic warehouse management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Outbound delivery processing for scheduling agreements without classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Delivery processing for subcontracting with classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing for orders without charge with classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing for sales orders with classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Processing of outbound deliveries without order reference and with classic warehouse management	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Replenishment delivery processing for stock transport orders with classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Supplier return delivery processing with classic warehouse management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing for scheduling agreements with classic warehouse management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for purchase orders with classic warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for purchase orders without classic warehouse management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for scheduling agreements with classic warehouse management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for scheduling agreements without classic warehouse management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing without order reference with classic warehouse management	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing without order reference without classic warehouse management	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Make to stock (discrete manufacturing) – logistics perspective	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Make to order (discrete manufacturing) – logistics perspective	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Engineer to order (discrete manufacturing) – logistics perspective	Yes
Plan to Fulfill	KPPP000161	Production order creation to first settlement	Make to stock (discrete manufacturing) – controlling perspective	Yes
Plan to Fulfill	KPPP000161	Production order creation to first settlement	Make to order (discrete manufacturing) – controlling perspective	Yes
Plan to Fulfill	KPPP000161	Production order creation to first settlement	Engineer to order (discrete manufacturing) – controlling perspective	Yes
Source to Pay	KPPP000163	Production order component creation to goods receipt (using direct procurement)	Direct procurement for non-stock components in discrete manufacturing	No
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Make to stock (process manufacturing) – logistics perspective	Yes
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Make to order (process manufacturing) – logistics perspective	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Engineer to order (process manufacturing) – logistics perspective	Yes
Plan to Fulfill	KPPP000261	Process order creation to first settlement	Make to stock (process manufacturing) – controlling perspective	Yes
Plan to Fulfill	KPPP000261	Process order creation to first settlement	Make to order (process manufacturing) – controlling perspective	Yes
Plan to Fulfill	KPPP000261	Process order creation to first settlement	Engineer to order (process manufacturing) – controlling perspective	Yes
Source to Pay	KPPP000263	Process order component creation to goods receipt (using direct procurement)	Direct procurement for non-stock components in process manufacturing	No
Governance Finance	KPPROJ0360	WBS element creation (without investment profile) to closure	WBS element creation (without investment profile) to closure	Yes
Governance Finance	KPPROJ0361	WBS element creation (with investment profile) to closure	WBS element creation (with investment profile) to closure	Yes
Source to Pay	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation	Procurement for stock materials with expected goods receipt	Yes
Source to Pay	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation	Procurement for text items without material no. and account assignment, with expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for assets without expected goods receipt	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for cost center without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for individual customer without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for orders without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for other account assignment categories without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for projects or networks without expected goods receipt	Yes
Source to Pay	KPPURCH266	Purchase order item creation (subcontracting) to invoice receipt creation	Purchase order item creation (subcontracting) to invoice receipt creation	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for assets with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for cost center with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for individual customer with expected goods receipt	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for orders with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for other account assignment categories with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for projects or networks with expected goods receipt	Yes
Source to Pay	KPPURCH360	Purchase requisition item creation to purchase order item creation	Purchase requisition item creation to purchase order item creation	Yes
Source to Pay	KPPURCH362	Stock transport requisition item creation to stock transport order item creation	Stock transport requisition item creation to stock transport order item creation	Yes
Source to Pay Finance	KPPURCH460	Supplier invoice issuing (with purchase order) to FI-AP clearing	Supplier payment from purchasing	Yes
Source to Pay	KPPURCH560	Stock transport order item creation (without delivery) to GR	Intracompany replenishment without logistics execution	Yes
Source to Pay	KPPURCH561	Stock transport order item creation (with delivery) to GR	Intracompany replenishment with logistics execution	Yes
Source to Pay	KPPURCH562	Intercompany stock transport order item creation to FI-AR clearing	Intercompany replenishment with logistics execution	Yes
Source to Pay	KPPURCH660	Scheduling agreement item creation to end of validity	Scheduling agreement item creation to end of validity	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Lead to Cash Finance	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (invoices)	Yes
Lead to Cash Finance	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (debit memos)	Yes
Lead to Cash Finance	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (intercompany invoices)	Yes
Lead to Cash	KPSD000360	Sales order item creation to outbound delivery item creation	Delivery-related sales (to outbound delivery creation)	Yes
Lead to Cash	KPSD000361	Sales order item creation to sales invoice item creation	Delivery-related sales (to invoice creation)	No
Lead to Cash	KPSD000363	Third-party sales order item creation to sales invoice item creation	Third party sales order item to sales invoice item creation	No
Lead to Cash	KPSD000364	Sales order item (purchase to order) to sales invoice item	Sales order item (purchase to order) to sales invoice creation	No
Lead to Cash	KPSD000365	Sales order item (make to order) to sales invoice item	Sales order item (make to order) to sales invoice creation	Yes
Lead to Cash	KPSD000366	Intercompany sales order item creation to FI-AP item clearing	Intercompany sales	No
Lead to Cash Finance	KPSD000367	Sales order item creation (order-related billing) to FI-AR item clearing	Sales order processing with order-related billing	Yes
Lead to Cash	KPSD000380	Returns order item creation to goods receipt posting	Return order item creation to goods receipt posting	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Lead to Cash Finance	KPSD000460	Debit memo request item creation to FI-AR item clearing	Debit memo request item creation to FI-AR item clearing	Yes
Lead to Cash	KPSD000462	Credit memo request item creation to FI-AR item clearing	Credit memo request item creation to FI-AR item clearing	Yes
Plan to Fulfill	KPWM000260	Outbound transfer order item creation to confirmation	Outbound transfer order item creation to confirmation	No
Plan to Fulfill	KPWM000261	Inbound transfer order item creation to confirmation	Inbound transfer order item creation to confirmation	No
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Corrective Maintenance using general notification	Yes
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Corrective Maintenance using malfunction notification	Yes
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Maintenance using activity report notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer service using general notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer service using problem notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer service using activity report notification	Yes
Acquire to Decommission	KWPM000260	Plant maintenance order creation to order closure	Planned Maintenance with maintenance order (preventive)	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Acquire to Decommission	KWPM000260	Plant maintenance order creation to order closure	Unplanned or immediate maintenance with maintenance order (corrective)	Yes
Plan to Fulfill	KWPM000262	Customer service order creation to order closure	Planned customer service with service order (preventive)	Yes
Plan to Fulfill	KWPM000262	Customer service order creation to order closure	Unplanned or immediate customer service with service order (corrective)	Yes
Plan to Fulfill	KXEWM00360	Putaway warehouse task creation to confirmation	Putaway warehouse task creation to confirmation	Yes
Plan to Fulfill	KXEWM00361	Stock removal warehouse task creation to confirmation	Stock removal warehouse task creation to confirmation	Yes
Plan to Fulfill	KXEWM00362	Internal movement warehouse task creation to confirmation	Internal movement warehouse task creation to confirmation	Yes

Scope Before November 4, 2025

The following table indicates the scope of the process flows used in the process landscape analysis:

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Finance Source to Pay	KFFI000960	Supplier invoice issuing (without purchase order) to FI-AP clearing	Supplier payment without purchasing	Yes
Finance Lead to Cash	KFFI001060	Customer invoice issuing (without sales) to FI-AR clearing	Cash collection for non-sales (invoices)	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Outbound delivery processing for sales orders without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Outbound delivery processing for orders without charge without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Replenishment delivery processing for stock transport orders without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Supplier return delivery processing without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Delivery processing for subcontracting without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000360	Outbound delivery item creation (with picking status) to goods issue posting	Processing of outbound deliveries without order reference and without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing for sales orders with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing for orders without charge with classic Warehouse Management	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Outbound delivery processing without order reference and with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Replenishment delivery processing for stock transport orders with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Supplier return delivery processing with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000361	Outbound delivery item creation (using transfer order) to goods issue posting	Delivery processing for subcontracting with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for purchase orders with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for scheduling agreements with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing without order reference with classic Warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for purchase orders without classic Warehouse Management	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing for scheduling agreements without classic Warehouse Management	Yes
Plan to Fulfill	KPLE000362	Inbound delivery item creation to goods receipt posting	Inbound delivery processing without order reference without classic Warehouse Management	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Make to stock (discrete manufacturing)	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Make to order (discrete manufacturing)	Yes
Plan to Fulfill	KPPP000160	Production order creation to technical completion	Engineer to order (discrete manufacturing)	Yes
Source to Pay	KPPP000163	Production order component creation to goods receipt (using direct procurement)	Direct procurement for non-stock components in discrete manufacturing	No
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Make to stock (process manufacturing)	Yes
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Make to order (process manufacturing)	Yes
Plan to Fulfill	KPPP000260	Process order creation to technical completion	Engineer to order (process manufacturing)	Yes
Source to Pay	KPPP000263	Process order component creation to goods receipt (using direct procurement)	Direct procurement for non-stock components in process manufacturing	No

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Source to Pay	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation	Procurement for stock materials with expected goods receipt	Yes
Source to Pay	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation	Procurement for text items (without material number and account assignment) with expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for cost center without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for orders without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for projects & networks without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for individual customers without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for assets without expected goods receipt	Yes
Source to Pay	KPPURCH265	Purchase order item creation (without GR) to FI-AP clearing	Procurement for other account assignment categories without expected goods receipt	Yes
Source to Pay	KPPURCH266	Purchase order item creation (subcontracting) to invoice receipt creation	Purchase order item creation (subcontracting) to invoice receipt creation	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for cost center with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for projects or networks with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for orders with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for assets with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for individual customer with expected goods receipt	Yes
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation	Procurement for other account assignment categories with expected goods receipt	Yes
Finance Source to Pay	KPPURCH460	Supplier invoice issuing to FI-AP clearing	Supplier payment from purchasing	Yes
Source to Pay	KPPURCH560	Stock transport order item creation (without delivery) to GR	Intracompany replenishment without logistics execution	Yes
Source to Pay	KPPURCH561	Stock transport order item creation (with delivery) to GR	Intracompany replenishment with logistics execution	Yes
Source to Pay	KPPURCH562	Intercompany stock transport order item creation to FI-AR clearing	Intercompany replenishment with logistics execution	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Finance Lead to Cash	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (invoices)	Yes
Finance Lead to Cash	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (debit memos)	Yes
Finance Lead to Cash	KPSD000260	Sales billing document creation to FI-AR clearing	Cash collection for sales (intercompany invoices)	Yes
Lead to Cash	KPSD000360	Sales order item creation to outbound delivery item creation	Delivery-related sales (to outbound delivery creation)	Yes
Lead to Cash	KPSD000361	Sales order item creation to sales invoice item creation	Delivery-related sales (to invoice creation)	No
Lead to Cash	KPSD000363	Third-party sales order item creation to sales invoice item creation	Third party sales order item to sales invoice item creation	No
Lead to Cash	KPSD000364	Sales order item (purchase to order) to sales invoice item	Sales order item (purchase to order) to sales invoice creation	No
Lead to Cash	KPSD000365	Sales order item (make to order) to sales invoice item	Sales order item (make to order) to sales invoice creation	Yes
Lead to Cash	KPSD000366	Intercompany sales order item creation to FI-AP item clearing	Intercompany sales	No
Finance Lead to Cash	KPSD000367	Sales order item creation (order-related billing) to FI-AR item clearing	Sales order processing with order-related billing	Yes
Lead to Cash	KPSD000380	Returns order item creation to goods receipt posting	Return order item creation to goods receipt posting	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Finance Lead to Cash	KPSD000460	Debit memo request item creation to FI-AR item clearing	Debit memo request item creation to FI-AR item clearing	Yes
Lead to Cash	KPSD000462	Credit memo request item creation to FI-AR item clearing	Credit memo request item creation to FI-AR item clearing	Yes
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Corrective Maintenance via malfunction notification	Yes
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Corrective Maintenance via general notification	Yes
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion	Maintenance via activity report notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer service via problem notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer service via general notification	Yes
Plan to Fulfill	KWPM000161	Customer service notification creation to notification completion	Customer Service via activity report notification	Yes
Acquire to Decommission	KWPM000260	Plant maintenance order creation to order closure	Planned Maintenance with maintenance order (preventive)	Yes
Acquire to Decommission	KWPM000260	Plant maintenance order creation to order closure	Unplanned or immediate Maintenance with maintenance order (corrective)	Yes
Plan to Fulfill	KWPM000262	Customer service order creation to order closure	Planned customer service with service order (preventive)	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Plan to Fulfill	KWPM000262	Customer service order creation to order closure	Unplanned or immediate customer service with service order (corrective)	Yes
Finance Governance	KPPROJ0360	WBS element creation (without investment profile) to closure	WBS element creation (without investment profile) to closure	Yes
Finance Governance	KPPROJ0361	WBS element creation (with investment profile) to closure	WBS element creation (with investment profile) to closure	Yes
Acquire to Decommission Finance	KFFI001860	Asset master creation (asset under construction) to deactivation	Asset master creation (asset under construction) to deactivation	Yes
Acquire to Decommission Finance	KFFI001861	Asset master creation (with depreciation) to deactivation	Asset master creation (with depreciation) to deactivation	Yes
Utilities	KFFI001960	Utilities invoice creation to clearing in contract accounting (FI-CA)	Utilities invoice creation to clearing in contract accounting (FI-CA)	Yes
Utilities	KIISU00260	Utilities billing document creation to print document creation	Utilities billing document creation to print document creation	Yes
Utilities	KIISU00261	Outsorted utilities billing document creation to invoice printout	Outsorted utilities billing document creation to invoice printout	Yes
Utilities	KIISU00360	Utilities print document creation to open item clearing	Utilities print document creation to open item clearing	Yes
Utilities	KIISU00361	Outsorted utilities print document creation to open item clearing	Outsorted utilities print document creation to open item clearing	Yes
Retail	KIRET00460	Intracompany replenishment from distribution center to store	Intracompany replenishment with logistics execution from DC to Store	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Retail	KIRET00460	Intracompany replenishment from distribution center to store	Merchandise distribution execution (intracompany) with logistics execution from DC to Store	Yes
Retail	KIRET00464	Intercompany replenishment from distribution center to store	Intercompany replenishment with logistics execution from DC to Store	Yes
Retail	KIRET00464	Intercompany replenishment from distribution center to store	Merchandise distribution execution (intercompany) with logistics execution from DC to Store	Yes
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Direct procurement for stock materials to DC	Yes
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Procurement for text items (without material number and account assignment) with expected goods receipt to DC	Yes
Retail	KIRET00560	Procurement (without account assignment) to distribution center	Procurement for merchandise distribution to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for cost center with expected goods receipt to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for individual customer with expected goods receipt to DC	Yes
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for orders with expected goods receipt to DC	Yes

End-to-End Process/Industry	Process Flow ID (SAP Signavio Process Insights)	Process Flow Name (SAP Signavio Process Insights)	Process Flow Variant (Plug and Gain)	Best-Run Score
Retail	KIRET00562	Procurement (with account assignment) to distribution center	Procurement for other account assignments with expected goods receipt to DC	Yes

5 Scope of Performance Indicators in Value Accelerators

Understand what performance indicators from SAP Signavio Process Insights are used in the value accelerators for specific processes in the plug and gain approach.

The following table lists the performance indicators used in each of the value accelerators:

Value Accelerator	Performance Indicator ID	Performance Indicator Name
Acquire to Decommission	KWPM000160	Plant maintenance notification creation to notification completion
Acquire to Decommission	KWPM000215	All status changes per plant maintenance order
Acquire to Decommission	KWPM000261	Plant maintenance order creation to order settlement
Invoice to Cash	KFFI000104	Changes in financial documents
Invoice to Cash	KFFI001060	Customer invoice issuing (without sales) to FI-AR clearing
Invoice to Cash	KFFI001303	Open dispute cases with last changed date in the past
Invoice to Cash	KFFI001402	Open promise to pay cases with promise to pay date in the past
Invoice to Cash	KPSD000201	Sales invoices not posted to accounting
Invoice to Cash	KPSD000217	Changes in sales billing documents
Invoice to Cash	KPSD000260	Sales billing document creation to FI-AR clearing
Invoice to Cash	KPSD000460	Debit memo request item creation to FI-AR item clearing
Invoice to Cash	KWMD000206	Customer master data usage in FI-AR (per company code)
Invoice to Cash	KWMD000207	Customer master data usage in FI-AR (cross-company code)
Invoice to Cash	KWMD000503	Terms of payment usage in FI-AR invoices (per company code)
Invoice to Pay	KFFI000104	Changes in financial documents
Invoice to Pay	KFFI000960	Supplier invoice issuing (without purchase order) to FI-AP clearing
Invoice to Pay	KPPURCH412	Changes in supplier invoices

Value Accelerator	Performance Indicator ID	Performance Indicator Name
Invoice to Pay	KPPURCH460	Supplier invoice issuing (with purchase order) to FI-AP clearing
Invoice to Pay	KWMD000313	Supplier master data usage in FI-AP (per company code)
Invoice to Pay	KWMD000314	Supplier master data usage in FI-AP (cross-company code)
Invoice to Pay	KWMD000501	Terms of payment usage in FI-AP invoices (per company code)
Lead to Cash	KPSD000217	Changes in sales billing documents
Lead to Cash	KPSD000324	Changes in sales documents
Lead to Cash	KPSD000360	Sales order item creation to outbound delivery item creation
Lead to Cash	KPSD000361	Sales order item creation to sales invoice item creation
Lead to Cash	KWMD000205	Customer master data usage in sales billing documents (per sales area)
Plan to Fulfill	KPPP000160	Production order creation to technical completion
Plan to Fulfill	KPPP000161	Production order creation to first settlement
Plan to Fulfill	KPPP000260	Process order creation to technical completion
Plan to Fulfill	KPPP000261	Process order creation to first settlement
Plan to Fulfill	KWMD000109	Process order creation to first settlement
Plan to Fulfill	KWMD000110	Material master data usage in procurement (per plant)
Plan to Fulfill	KWQM000162	Lot creation for goods receipt inspection from manufacturing to usage decision
Source to Pay Across SAP Ariba and SAP ERP	CPAOP00160	Purchase requisition item creation to purchase order item creation
Source to Pay Across SAP Ariba and SAP ERP	CPAOP00161	Purchase order item creation to invoice receipt creation
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH221	Changes in purchase orders
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation

Value Accelerator	Performance Indicator ID	Performance Indicator Name
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH309	Changes in purchase requisitions
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH360	Purchase requisition item creation to purchase order item creation
Source to Pay Across SAP Ariba and SAP ERP	KPPURCH412	Changes in supplier invoices
Source to Pay Across SAP Ariba and SAP ERP	KWMD000110	Material master data usage in procurement (per plant)
Source to Pay Across SAP Ariba and SAP ERP	KWMD000312	Supplier master data usage in purchasing documents (per purchasing organization)
Source to Pay Across SAP Ariba and SAP ERP	KWMD000315	Purchasing info record usage in purchase documents (cross-purchasing organization)
Source to Pay	KWQM000162	Lot creation for goods receipt inspection from purchasing to usage decision
Source to Pay	KPPURCH221	Changes in purchase orders
Source to Pay	KPPURCH261	Purchase order item creation (without account assignment) to invoice receipt creation
Source to Pay	KPPURCH268	Purchase order item creation (with account assignment) to invoice receipt creation
Source to Pay	KPPURCH309	Changes in purchase requisitions
Source to Pay	KPPURCH360	Purchase requisition item creation to purchase order item creation
Source to Pay	KPPURCH412	Changes in supplier invoices
Source to Pay	KWMD000110	Material master data usage in procurement (per plant)
Source to Pay	KWMD000312	Supplier master data usage in purchasing documents (per purchasing organization)
Source to Pay	KWMD000315	Purchasing info record usage in purchase documents (cross-purchasing organization)
Record-to-Report (Financial Closing)	KFFI001201	Overview of financial closing activities and their run times

6 Scope of Value Accelerators for Specific Processes in SAP Signavio Process Intelligence

Understand the scope of value accelerators for specific processes as part of the plug and gain approach used in SAP Signavio Process Intelligence.

The following table indicates the scope of what's included:

Accelerator	System	End-to-End Process	Line of Business	Value Driver	Industry	Availability	Provider
Value Accelerator for Analysis of Acquire to Decommission [page 35]	SAP ECC SAP S/4HANA	Acquire to Decommission	Asset Management	Reduce Asset Maintenance Cost; Reduce Unplanned Downtime or Outages	Cross Industry	Available	SAP Signavio
Value Accelerator for Analysis of Invoice to Cash [page 37]	SAP ECC SAP S/4HANA	Invoice to Cash	Finance	Reduce Days Sales Outstanding	Cross Industry	Available	SAP Signavio
Value Accelerator for Analysis of Invoice to Pay [page 39]	SAP ECC SAP S/4HANA	Invoice to Pay	Finance	Improve Accounts Payable FTE Productivity; Improve Days Payable Outstanding	Cross Industry	Available	SAP Signavio
Value Accelerator for Analysis of Lead to Cash [page 41]	SAP ECC SAP S/4HANA	Lead to Cash	Sales	Reduce Days Sales Outstanding	Cross Industry	Available	SAP Signavio
Value Accelerator for Analysis of Plan to Fulfill [page 43]	SAP ECC SAP S/4HANA	Plan to Fulfill	Supply Chain	Reduce Inventory Carrying Cost; Improve Demand Forecast Accuracy	Manufacturing	Available	SAP Signavio

Accelerator	System	End-to-End Process	Line of Business	Value Driver	Industry	Availability	Provider
Value Accelerator for Analysis of Record to Report Processes (Financial Closing) [page 45]	SAP ECC SAP S/4HANA	Record to Report	Finance	Reduce Days to Close Annual Books; Increase Adherence to Standardized SAP Business Processes; Increase Business Process Harmonization; Reduce Finance Cost	Cross Industry	Available	SAP Signavio
Value Accelerator for Analysis of Source to Pay [page 47]	SAP ECC SAP S/4HANA	Source to Pay	Sourcing & Procurement	Improve Procurement FTE Productivity; Improve User Compliance	Cross Industry	Available	SAP Signavio
Value Accelerator for Cross-System Analysis of Source to Pay Across SAP Ariba and SAP ERP [page 49]	SAP Ariba and SAP ECC SAP Ariba and SAP S/4HANA	Source to Pay	Sourcing & Procurement	Improve On-Time Delivery Performance; Increase Adherence to Standardized SAP Business Processes; Increase Business Process Harmonization; Improve Procurement FTE Productivity; Reduce Data Management Cost; Improve User Compliance	Cross Industry	Available	SAP Signavio

6.1 Value Accelerator for Analysis of Acquire to Decommission

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Acquire to Decommission process. It captures events related to maintenance orders from maintenance notification creation to closing the maintenance order.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Maintenance Order Header.</p>
System type	SAP ECC SAP S/4HANA
Process	Acquire to Decommission
Process indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Asset Management
Value driver	<ul style="list-style-type: none"> • Reduce asset maintenance cost • Reduce unplanned downtime or outages
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Acquire to Decommission](#).

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`

6.2 Value Accelerator for Analysis of Invoice to Cash

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Invoice to Cash process. It captures events related to the lifecycle of sales billing documents and customer invoices from creation to clearing.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Invoice Document Header.</p>
System type	SAP ECC SAP S/4HANA
Process	Invoice to Cash
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Improve standardization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Finance
Value driver	<ul style="list-style-type: none"> • Reduce days sales outstanding
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Invoice to Cash](#).

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

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- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`

6.3 Value Accelerator for Analysis of Invoice to Pay

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Invoice to Pay process. It captures events related to the lifecycle of supplier and FI invoices from invoice issuing to clearing.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Invoice Document Header.</p>
System type	SAP ECC SAP S/4HANA
Process	Invoice to Pay
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Finance
Value driver	<ul style="list-style-type: none"> • Improve accounts payable FTE productivity • Improve days payable outstanding
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Invoice to Pay](#).

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`


6.4 Value Accelerator for Analysis of Lead to Cash

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Lead to Cash process and tracks the sales, delivery, and billing process. It captures events related to the life-cycle of Sales Documents, Outbound Deliveries, and Billing Documents.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Sales Order Item.</p>
System type	SAP ECC SAP S/4HANA
Process	Lead to Cash
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Improve standardization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Sales
Value driver	<ul style="list-style-type: none"> • Reduce days sales outstanding
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Lead to Cash](#) .

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`


6.5 Value Accelerator for Analysis of Plan to Fulfill

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across Plan to Fulfill process flows. It captures events related to the lifecycle of production/process orders from creation to completion.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Production/Process Order.</p>
System type	SAP ECC SAP S/4HANA
Process	Plan to Fulfill
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Supply Chain
Value driver	<ul style="list-style-type: none"> • Reduce inventory carrying cost • Improve demand forecast accuracy
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Plan to Fulfill](#) .

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`


6.6 Value Accelerator for Analysis of Record to Report Processes (Financial Closing)

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis along the period-end closing process flow. It captures events related to closing relevant programs/transaction codes, which have been executed during period-end closing. The related analyses help you to optimize the closing process, identify activities and bottlenecks, and to detect improvement areas along automation and standardization process metrics.</p> <p>The case ID is set on one closing process/execution for finance respectively controlling.</p>
System type	SAP ECC SAP S/4HANA
Process	Record to Report
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Finance
Value driver	<ul style="list-style-type: none"> • Reduce days to close annual books • Increase adherence to standardized SAP business processes • Increase business process harmonization
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Record to Report Processes \(Financial Closing\)](#) .

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`

6.7 Value Accelerator for Analysis of Source to Pay

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Source to Pay process. It captures events related to the lifecycle of purchase orders from purchase requisition creation to invoice receipt.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Purchase Order Item.</p>
System type	SAP ECC SAP S/4HANA
Process	Source to Pay
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Sourcing&Procurement
Value driver	<ul style="list-style-type: none"> • Improve procurement FTE productivity • Improve user compliance
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Analysis of Source to Pay](#) .

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`

6.8 Value Accelerator for Cross-System Analysis of Source to Pay Across SAP Ariba and SAP ERP

Get to know the purpose of this value accelerator for SAP Signavio Process Intelligence as well as its scope, use cases, and more.

Description	<p>This value accelerator provides a comprehensive analysis across the Source to Pay process including data from both SAP Ariba and SAP ERP. It captures events related to the life-cycle of purchase orders from purchase requisition creation to invoice receipt.</p> <p>This helps you to identify process improvements and process harmonization potential, recommendations for master data improvement, and the value potential of business process improvements.</p> <p>The case ID is set on the Purchase Order Item.</p>
System type	SAP Ariba and SAP ECC SAP Ariba and SAP S/4HANA
Process	Source to Pay
Performance indicators from SAP Signavio Process Insights	For a list of performance indicators, see Scope of Performance Indicators in Value Accelerators .
Use cases	<ul style="list-style-type: none"> • Increase harmonization • Improve data quality • Increase process efficiency
Industry	Cross Industry
Line of business	Sourcing&Procurement
Value driver	<ul style="list-style-type: none"> • Improve on-time delivery performance • Increase adherence to standardized SAP business processes • Increase business process harmonization • Improve procurement FTE productivity • Reduce data management cost • Improve user compliance
Status	Available
Sizing information	For sizing information, see SAP Note 3357899 .

Scope

Data pipelines and customizable dashboards are set up by your SAP technical consultant. For a detailed overview, see [What's Created by SAP](#).

For the template documentation, see [Template for Value Accelerator for Cross-System Analysis of Source to Pay](#).

Note

The template documentation is available only for users with access to SAP Signavio Process Intelligence. For more information, see [Access to the Template Documentation](#).

Note

This URL works only for workspaces hosted in the EU region. For workspaces hosted in other regions, replace `editor` in the URL with the following region indicators:

- Australia: `app-au`
- Canada: `app-ca`
- Japan: `app-jp`
- Singapore: `app-sgp`
- South Korea: `app-kr`
- USA: `app-us`

For example, the URL for workspaces hosted in Australia is as follows: `https://app-au.signavio.com/g/statics/pi-etl/documentation/<accelerator-name>`

7 Onboarding

To use the value accelerators for the plug and gain approach, you want to understand the overall onboarding process and what steps and stages are involved to get things up and running. Some steps you complete yourself as an administrator and other steps require support from the plug and gain delivery team at SAP.

The following interactive image provides an overview of the onboarding process. The image also shows where the different roles are required, both on the customer and SAP side, to complete all steps involved. Select a step to jump to the details for that step.

1.	Before You Start Meet the prerequisites	Customer administrator
2.	In SAP BTP Prepare to connect SAP Signavio Process Insights	Customer administrator
3.	In SAP Signavio Process Intelligence Create connections for Signavio Process Insights	Customer administrator
4.	In SAP Signavio Process Intelligence / Insights Prepare access for delivery team at SAP	Customer administrator
5a.	In SAP Signavio Process Intelligence Set up value accelerator for process landscape analysis	Delivery team at SAP
5b.	In SAP Signavio Process Intelligence Set up value accelerators for specific processes	Delivery team at SAP or customer administrator
6.	In SAP Signavio Process Manager Manage users and user groups	Customer administrator

- [1. Meet the Prerequisites \[page 52\]](#)
- [2. Prepare to Connect SAP Signavio Process Insights \[page 52\]](#)
- [3. Create Data Connections for SAP Signavio Process Insights \[page 52\]](#)
- [4. Prepare Access for Delivery Team at SAP \[page 52\]](#)
- [5a. Set Up Process Landscape Analysis \[page 53\]](#)
- [5b. Set Up Value Accelerators for Specific Processes \[page 54\]](#)
- [6. Manage Users and User Groups \[page 54\]](#)

1. Meet the Prerequisites

Before you start, it's important that you ensure that all prerequisites are met.

See: [Prerequisites \[page 7\]](#)

2. Prepare to Connect SAP Signavio Process Insights

In your subaccount in SAP BTP, prepare to use a service instance created with the `api-plan` service plan. This plan is the same plan used for the analytical API of SAP Signavio Process Insights.

See: [Prepare to Connect SAP Signavio Process Insights \[page 54\]](#)

3. Create Data Connections for SAP Signavio Process Insights

In SAP Signavio Process Intelligence, create new data connections to SAP Signavio Process Insights. Do this using the following connector:

- Connection type: *SAP Signavio*
- Connector: SAP Signavio Process Insights

You can create a data connection for the process landscape analysis and each value accelerator that you intend to use. You can create individual data connections for any or all the value accelerators listed under [Scope of Value Accelerators for Specific Processes in SAP Signavio Process Intelligence \[page 33\]](#).

For information about how to create a connector, see [Creating a Connection](#) in the *SAP Signavio Process Intelligence User Guide*.

For information about the SAP Signavio Process Insights connector and the credentials to be used, see [Connector - SAP Signavio Process Insights](#).

4. Prepare Access for Delivery Team at SAP

To get things set up, you must grant the plug and gain delivery team at SAP access so they can set up things for you in your workspace:

Allow the plug and gain delivery team at SAP to access SAP Signavio Process Intelligence.

- In SAP Signavio Process Intelligence, invite the plug and gain delivery team as a new user by inviting the e-mail address `signavio-plug-and-gain-delivery@sap.com` to the relevant workspace. This user must be assigned an Enterprise Plus license, be a workspace administrator, and have the *SAP Signavio Process Intelligence: Access Data Integration* and *SAP Signavio Process Intelligence: Access Data Modeling* feature sets.

For more information about inviting a user, see [Create accounts](#) in the *SAP Signavio Process Manager Workspace Admin Guide*.

- In SAP Signavio Process Insights, set up a named user that can be used by the plug and gain delivery team. This user must be assigned all roles assigned to the default role collection **SAP Signavio Process Insights Administrator** that's created when you use the booster to prepare your account for SAP BTP. You must also ensure that this user has access to the data for all systems for which you want your data to be loaded. See also the following information in the *Administration Guide for SAP Signavio Process Insights*:
[Setting Up User Access to the Application](#)
[Configuring System Access](#)

5a. Set Up Process Landscape Analysis

To get the process landscape analysis set up, you must request support from the plug and gain delivery team at SAP. To do this, simply open a support case for the plug and gain delivery team at SAP to submit the delivery request:

Note

You can install the relevant value accelerators for specific processes on your own or with support. We recommend installing them with support from the plug and gain delivery team at SAP as part of this request.

1. Go to SAP Note [3529579](#) and download the file provided. The file contains the form with the details for the delivery request. You must complete this form to prepare the information for the plug and gain delivery team.
2. Go to [SAP for Me - Services & Support](#) and open a support case as follows:
 1. On the *Services & Support* dashboard, select **Get Support (Case, Expert Chat...)** **Report New Issue**.
 2. Under *Basic Information*, provide all the required details. Make sure you select the following:
 - Product: *SAP Signavio Process Intelligence*
 - Product Function: *Process Landscape Analysis (Plug and Gain Approach)*
 3. Under *Best Action*, select *Create a case* and enter a *Detailed Description*.
 4. Under *Attachments*, upload the file you filled in as part of *step 1*.
 5. Once you've provided all necessary information and the attachment, select *Submit Case*.

Once the plug and gain delivery team receives your support case, they complete the next steps to set up everything in your SAP Signavio workspace.

For information about everything that's potentially created in your SAP Signavio workspace during these steps, see [What's Created by SAP \[page 65\]](#). Exactly what's created in your workspace is based on the scope of the value accelerators that you request from the delivery team.

When the plug and gain delivery team at SAP has completed the required steps, you're notified of completion. You're also requested to add users to an *SAP Plug and Gain* user group created by the plug and gain delivery team (see also step 6 *Manage Users and User Groups*).

5b. Set Up Value Accelerators for Specific Processes

If you choose to install the value accelerators for specific processes on your own without support from the delivery team, follow the instructions in SAP Note [3496399](#) (composite note).

6. Manage Users and User Groups

In SAP Signavio Process Manager, manage the relevant users and user groups.

- Add the requested users to the *SAP Plug and Gain* user group. (The details of these users are also indicated in the delivery request form provided in SAP Note [3529579](#), also referred to previously.)
- Create and maintain the user groups that you want to use to allow your users work with your process landscape analysis and the new value accelerators for specific processes.

Once your user groups are maintained, your users can start to analyze the data for your process landscape analysis using the features of SAP Signavio Process Intelligence. For more information, see [Getting Started \[page 76\]](#).

7.1 Prepare to Connect SAP Signavio Process Insights

Perform the necessary steps in your SAP BTP subaccount, so you can load data from SAP Signavio Process Insights to SAP Signavio Process Intelligence using the plug and gain approach.

To retrieve and consume data from SAP Signavio Process Insights, SAP Signavio Process Intelligence needs to be able to call the SAP Signavio Process Insights APIs. To make the SAP Signavio Process Insights APIs accessible, perform the following steps in your subaccount in SAP BTP:

- [Creating a Service Instance \[page 55\]](#)
- [Creating a Service Key \[page 56\]](#)

Note

The following sections describe the steps to create a service instance and a service key, using the SAP BTP cockpit. Alternatively, you can use the SAP BTP command-line interface (btp CLI) to perform these steps.

7.1.1 Creating a Service Instance

Create the service instance required to set up the connection between SAP Signavio Process Insights and SAP Signavio Process Intelligence.

Prerequisites

- You have the *Administrator* role in your global account. To verify that you have this authorization in the SAP BTP cockpit, see [Add Members to Your Global Account](#).
- The subaccount in which you want to create the service instance has already been created and meets the following prerequisites:
 - A space in which to create the service instance exists and you have at least the Space Developer role for the space.
 - A subscription to the SAP Signavio Process Insights application exists.
- You have the *Administrator* role in your global account sub account. To verify that you have this authorization in the SAP BTP cockpit, see [Add Members to Your Global Account Add Members to Your Sub Account](#).
- The subaccount in which you want to create the service instance has already been created and meets the following prerequisites:
 - A subscription to the SAP Signavio Process Insights application exists.
 - Applicable only in a Cloud Foundry runtime environment: A space in which to create the service instance must exist and you have at least the Space Developer role for the space.

Procedure

In the SAP BTP cockpit, if you haven't already done so, create a service instance that uses the `process-insights-api` **service** and the `api-plan` **service plan** of SAP Signavio Process Insights.

Note

You create this service instance in addition to the service instance that you previously created to connect your on-premise source system to SAP Signavio Process Insights SAP Signavio Process Intelligence using the `standard` plan for the same `process-insights-api` service.

1. Configure entitlements for SAP Signavio Process Insights service:
 1. In the SAP BTP cockpit, for your global account, choose **Entitlements** **Entity Assignments** in the side menu.
 2. Under *Subaccounts/Directories*, select the subaccount for which you want to configure the entitlements.
 3. Choose *Edit* and then *Add Service Plans*.
 4. Search for SAP Signavio Process Insights (name: `process-insights-api`) and add the available plan for `api-plan` to your subaccount.

5. Save your entries.
2. Navigate to your subaccount and choose *Instances and Subscriptions*.
3. Create a service instance by choosing *Create* and entering the following details:
 - *Service*: SAP Signavio Process Insights
 - *Plan*: api-plan
 - *Runtime Environment*: Cloud Foundry or any other environmentCloud Foundry.
 - *Space*: space in your subaccount if the runtime environment is Cloud Foundryspace in your subaccount.
 - *Instance Name*: name for your instance
4. Choose *Create*.

Results

Once the instance has been created, it appears in your subaccount.

Next Steps

Create a service key for the service instance you just created.Create a service key or service binding for the service instance you just created.

Related Information

[Creating a Service Key \[page 56\]](#)

7.1.2 Creating a Service Key

Create the service key required to set up the connection between SAP Signavio Process Insights and SAP Signavio Process Intelligence.

Prerequisites

- You've created a service instance as outlined under [Creating a Service Instance \[page 55\]](#).
- Your SAP BTP user has the *Subaccount Administrator* role collection for the subaccount in which the service instance of the SAP Signavio Process Insights API service was created.

You can see whether you have this authorization in the SAP BTP cockpit by navigating to the subaccount and choosing *Users*. If you don't have this role collection, a subaccount administrator can assign it to you. See [Add Members to Your Subaccount](#) in the SAP BTP documentation.

- Applicable only in a Cloud Foundry runtime environment. Your user has the *Org Manager* role in your organization.
Your user has the *Org Manager* role in your organization.
You can see whether you have this authorization in the SAP BTP by navigating to the subaccount and choosing [Cloud Foundry](#) [Org Members](#). If you don't have this role, an org manager can assign it to you. See [Add Org Members Using the Cockpit](#).
- Applicable only in a Cloud Foundry runtime environment: Your user has the *Space Developer* role in the space where the service instance is created.
Your user has the *Space Developer* role in the space created by the booster.
You can see whether you have this role in the SAP BTP cockpit by navigating to the subaccount, choosing [Cloud Foundry](#) [Spaces](#), opening the relevant space, and choosing *Space Members*. If you haven't yet been added to the space, a space manager can add you as a member and assign the Space Developer role.

Context

In your SAP BTP subaccount, create a service key for the service instance that you created using the `api-plan` for the `process-insights-api` service. This service key is required to generate the service key details with the credentials needed to retrieve and consume the data from SAP Signavio Process Insights. You later need these credentials to create connections in SAP Signavio Process Intelligence.

Procedure

1. For the service instance you created, choose **⋮ (Actions)** and select *Create Service Key*. For the service instance you created, choose **⋮ (Actions)** and select *Create Service Key* or *Create Service Binding*.
2. Enter a name for your service key and choose *Create*. Enter a name for your service key or binding and choose *Create*.
3. Next to the service key you've created, choose **⋮ (Actions)** and select *View*. Next to the service key or binding you've created, choose **⋮ (Actions)** and select *View*.

The example given below is of a service key. You can now see the client ID and client secret in JSON format.

Note

```
"uaa": {
    "clientid": "",
    "clientsecret": "",
    "url": "",
    "identityzone": "",
    "identityzoneid": "",
    "tenantid": "",
    "tenantmode": "",
    "sburl": "",
    "apiurl": ""
```

```
        "verificationkey": "",
        "xsappname": "",
        "subaccountid": "",
        "uaadomain": "",
        "zoneid": "",
        "credential-type": ""
    },
    "uri": "",

    "uaa": {
        "apiurl": "...",
        "clientid": "...",
        "clientsecret": "...",
        "credential-type": "...",
        "identityzone": "...",
        "identityzoneid": "...",
        "sburl": "...",
        "serviceInstanceId": "...",
        "subaccountid": "...",
        "tenantid": "...",
        "tenantmode": "...",
        "uaadomain": "...",
        "url": "...",
        "verificationkey": "...",
        "xsappname": "...",
        "zoneid": "..."
    },
    "uri": "..."
}
```

- 4. Copy or download the JSON so you have the details on hand when connecting SAP Signavio Process Insights and SAP Signavio Process Intelligence.

Results

You've now created the service key required to set up the connection between SAP Signavio Process Insights and SAP Signavio Process Intelligence.

Next Steps

In SAP Signavio Process Intelligence, create a connection to SAP Signavio Process Insights using the corresponding connector.

Related Information

[Connector - SAP Signavio Process Insights](#)

7.2 Connector - SAP Signavio Process Insights

Learn about the required credentials for establishing a connection between SAP Signavio Process Insights and SAP Signavio Process Intelligence.

Stage	Released
Technology Behind	cdata.jdbc.odata.jar
Version	22.0.8370.0

Overview

Connects to SAP Signavio Process Insights.

For information about the steps required in your SAP BTP subaccount before you can load data from SAP Signavio Process Insights to SAP Signavio Process Intelligence, see [Prepare to Connect SAP Signavio Process Insights](#).

OAuth Authentication

The following table shows the credentials that you need to provide:

Credential	Description
OAuth Client Id	<p>The OAuth Client Id used to authenticate to SAP Signavio Process Insights. This corresponds to the <code>uaa.clientid</code> from the service key for the service instance in your SAP BTP subaccount.</p> <p>For more information, see Getting Your Service Key Details [page 63].</p>
OAuth Client Secret	<p>The OAuth Client Secret used to authenticate the OAuth Client Id. This corresponds to the <code>uaa.clientsecret</code> from the service key.</p>
Service Root	<div><p>Note</p><p>The service root URL differs from the root URL specified in the service key (JSON) for the service instance in your SAP BTP subaccount.</p></div> <p>For information about completing this field, see Service Root with Region Information [page 60].</p>

Credential	Description
OAuth Access Token Url	<p>The OAuth Access Token Url is used to retrieve the access token. This corresponds to the <code>uaa.url</code> from the service key.</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 5px;"> <p>Note</p> <p>The suffix <code>/oauth/token</code> must be added.</p> </div> <p>So the final format of the URL should be: <code><uaa.url from service key>/oauth/token</code>.</p>
Target Currency	<p>All monetary values from the extracted data are converted to the target currency specified here. The target currency specified here must be a currency that is available in SAP Signavio Process Insights, for example, USD, EUR, or GBP.</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 5px;"> <p>Note</p> <p>We do not recommend changing the target currency after data has already been loaded because this might result in inconsistent values.</p> </div> <p>Currencies are converted based on the conversion rates from the SAP Market Rates Management, Internal Plan. Monetary values for documents and items are converted from their original currency into the target currency you select. Conversion is based on the latest available conversion rate and is independent of the posting date of a document. SAP Signavio Process Insights requests the latest conversion rates from SAP Market Rates Management, internal plan on a daily basis.</p> <p>For more information, see the <i>SAP Market Rates Management, internal plan</i> documentation on SAP Help Portal.</p>

7.2.1 Service Root with Region Information

Learn how to complete the [Service Root](#) field for the SAP Signavio Process Insights connector.

In the [Service Root](#) field, enter the URL in the format `<root-URL>/api/<service>/<version>/`, where you can find the information for `<root-URL>` in the following table:

Infrastructure Provider	Region	Region ID	Root URL
Amazon Web Services	Australia (Sydney)	ap10	<code>https://bpi-plugin-and-gain.cfapps.ap10.hana.ondemand.com</code>

Infrastructure Provider	Region	Region ID	Root URL
Amazon Web Services	Canada (Montreal)	ca10	<code>https://bpi-plugin-and-gain.cfapps.ca10.hana.ondemand.com</code>
Amazon Web Services	Europe (Frankfurt)	eu10	<code>https://bpi-plugin-and-gain.cfapps.eu10-004.hana.ondemand.com</code>
Amazon Web Services	Europe (Frankfurt)	eu11	<code>https://bpi-plugin-and-gain.cfapps.eu11.hana.ondemand.com</code>
Amazon Web Services	Japan (Tokyo)	jp10	<code>https://bpi-plugin-and-gain.cfapps.jp10.hana.ondemand.com</code>
Amazon Web Services	U.S. East (VA)	us10	<code>https://bpi-plugin-and-gain.cfapps.us10.hana.ondemand.com</code>
Amazon Web Services	Asia Pacific (Singapore)	ap11	<code>https://bpi-plugin-and-gain.cfapps.ap11.hana.ondemand.com</code>
Amazon Web Services	Asia Pacific (Seoul)	ap12	<code>https://bpi-plugin-and-gain.cfapps.ap12.hana.ondemand.com</code>

Note

This root URL is different than the root URLs for other region IDs.

Infrastructure Provider	Region	Region ID	Root URL
Microsoft Azure	Europe (Netherlands)	eu20	<p>https://bpi-plugin-and-gain.cfapps.eu20.hana.ondemand.com/</p> <p>or</p> <p>https://bpi-plugin-and-gain-001.cfapps.eu20-001.hana.ondemand.com</p>
Microsoft Azure	U.S. West (WA)	us20	https://bpi-plugin-and-gain.cfapps.us20.hana.ondemand.com

Note

This root URL is different than the root URLs for other region IDs.

Please check the `uaa.url` field in your service key to confirm the region information that applies in your case.

<service> specifies which data (process flows and performance indicators) you want to extract from SAP Signavio Process Insights. The supported services are described in the following table.

Service	Description
EventLogsService	This service is relevant for the entry point for process landscape analysis.
Finance_I2CService	This service is relevant for the Value Accelerator for Analysis of Invoice to Cash. See: Value Accelerator for Analysis of Invoice to Cash [page 37] .
Finance_I2PService	This service is relevant for the Value Accelerator for Analysis of Invoice to Pay. See: Value Accelerator for Analysis of Invoice to Pay [page 39] .
ManufacturingService	This service is relevant for the Value Accelerator for Analysis of Plan to Fulfill. See: Value Accelerator for Analysis of Plan to Fulfill [page 43] .
AssetManagementService	This service is relevant for the Value Accelerator for Analysis of Acquire to Decommission. See: Value Accelerator for Analysis of Acquire to Decommission [page 35] .

Service	Description
SourcingAndProcurementService	This service is relevant for the Value Accelerator for Analysis of Source to Pay. See: Value Accelerator for Analysis of Source to Pay [page 47] .
SalesService	This service is relevant for the Value Accelerator for Analysis of Lead to Cash. See: Value Accelerator for Analysis of Lead to Cash [page 41] .
RecordToReportService	This service is relevant for the Value Accelerator for Analysis of Record to Report Processes (Financial Closing). See: Value Accelerator for Analysis of Record to Report Processes (Financial Closing) [page 45] .

<version> is the service version that you need to use. For the service `EventLogsService`, you need to use v2. For all other services, you use v1.

7.2.2 Getting Your Service Key Details

Get the service key information required to set up the connection between SAP Signavio Process Intelligence and SAP Signavio Process Insights. You will find your service key details in SAP BTP.

Prerequisites

- The SAP Signavio Process Insights tenant has already been set up and has data available that you want to send to SAP Signavio Process Intelligence.
- A service instance has been created with the `api-plan` service plan. This is the same plan used for the analytical API of SAP Signavio Process Insights.
- Your SAP BTP user has the *Subaccount Administrator* role collection for the subaccount in which the service instance of the SAP Signavio Process Insights API service was created. You can see whether you have this authorization in the SAP BTP cockpit by navigating to the subaccount and choosing *Users*. If you don't have this role collection, a subaccount administrator can assign it to you. See [Add Members to Your Subaccount](#) in the SAP BTP documentation.
- Applicable only in a Cloud Foundry runtime environment. Your user has the *Org Manager* role in your organization. Your user has the *Org Manager* role in your organization. You can see whether you have this authorization in the SAP BTP by navigating to the subaccount and choosing [Cloud Foundry > Org Members](#). If you don't have this role, an org manager can assign it to you. See [Add Org Members Using the Cockpit](#).
- Applicable only in a Cloud Foundry runtime environment: Your user has the *Space Developer* role in the space where the service instance is created. Your user has the *Space Developer* role in the space created by the booster. You can see whether you have this role in the SAP BTP cockpit by navigating to the subaccount, choosing [Cloud Foundry > Spaces](#), opening the relevant space, and choosing *Space Members*. If you haven't yet been added to the space, a space manager can add you as a member and assign the Space Developer role.

Context

When a service instance is created in your subaccount for SAP Signavio Process Insights using the `api-plan` service plan, a service key is also created for that service instance in the SAP BTP cockpit.

The service key contains the following parameters that are required to connect your SAP Signavio Process Intelligence system to your SAP Signavio Process Insights tenant:

- `uaa.clientid` and `uaa.clientsecret`: Client ID and client secret used to authenticate to SAP Signavio Process Insights. Enter the `uaa.clientid` value into the *OAuth Client Id* field in the SAP Signavio Process Insights connector and the `uaa.clientsecret` value into the *OAuth Client Secret* field.
- `uaa.url`: Token endpoint to generate the authorization token. Enter this value into the *OAuth Access Token Url* field in the SAP Signavio Process Insights connector.

Procedure

1. In the SAP BTP cockpit, navigate to your subaccount and choose *Instances and Subscriptions*.
2. Under *Instances*, select the service instance for SAP Signavio Process Insights.
3. Under *Service Keys*, choose the link for the key that was created for the service instance.
4. Copy or download the JSON so you have the details on hand.

⚠ Caution

Outside of the SAP BTP cockpit, service keys must be stored securely since it's the key that allows data to be sent to your tenant. If you need a service key, create the service key directly in the SAP BTP cockpit, and access it from there whenever you need it.

Next Steps

Now that you have the service keys details, you can use them as you create the connection to SAP Signavio Process Insights. For more information about creating this data connection, see [Connector - SAP Signavio Process Insights \[page 59\]](#).

For general information about how to create a data connection, see [Creating Customizable Data Connections](#) in the *Onboarding and Data Integration Guide for SAP Signavio Process Intelligence*.

7.3 What's Created by SAP

Understand what's created in your SAP Signavio workspace by the plug and gain delivery team at SAP after your delivery request has been processed.

SAP Signavio Process Intelligence

The following is created for you in SAP Signavio Process Intelligence for the **process landscape analysis** and **Adherence to Target** analysis:

- **Source data set:** Each combination of analysis configuration and data pipeline is connected to a unique source data set. The source data set contains a table for the process variant data or the performance indicator data from SAP Signavio Process Insights.
- **Data pipeline (for the process landscape analysis):** 1 data pipeline is created for the process landscape analysis. This data pipeline is connected to all source data sets previously indicated and to a dedicated analysis configuration that is linked to the dashboard for the process landscape analysis. It provides the data that's displayed in the process landscape analysis in SAP Signavio Process Collaboration Hub (such as best-run scores, completion rates, completion scores, and number of cases).
- **Data pipelines (for process flow variants):** Up to 107 data pipelines are created, where there's 1 data pipeline for each process variant for which data was loaded from your SAP Signavio Process Insights tenant. The naming convention used is as follows:
[Plug and Gain] <performance indicator ID>
- **Analysis configurations:** Each data pipeline is connected to an analysis configuration and source data set, both of which are unique to each data pipeline. The naming convention used is as follows:
[Plug and Gain] <performance indicator ID> <process variant name>
- **Dashboards:** Each analysis configuration contains 3–4 customizable dashboards:
 - 01. Process Execution
 - 02. Process Variant Analysis
 - 03. Transaction Code Analysis (only available when transaction code information is available for the process)
 - 99. Process Quantity Structure
- **Data pipeline (for Adherence to Target processes):** 1 data pipeline is created for the analysis of Adherence to Target processes. This data pipeline is connected to all source data sets previously indicated and to a dedicated analysis configuration that is linked to the dashboard for the process landscape analysis. It provides the data that's displayed in the Adherence to Target processes analysis linked from process landscape analysis in SAP Signavio Process Collaboration Hub.
- **Analysis configuration (for the Adherence to Target analysis):** 1 analysis configuration linked to a customizable dashboard to improve Adherence to Target processes.

The following is created for you in SAP Signavio Process Intelligence for every **value accelerator** that you plan to use:

- **Source data set:** Each combination of analysis configuration and data pipeline is connected to a unique source data set. The source data set contains a table for the process variant data or the performance indicator data from SAP Signavio Process Insights.
- **Data pipeline:** 1 data pipeline for the process for which data was loaded from your SAP Signavio Process Insights tenant. The naming convention used is as follows:
[Plug and Gain] - <process>, such as [Plug and Gain] - Source to Pay

- **Analysis configuration:** The data pipeline is connected to an analysis configuration and source data set, both of which are unique to each data pipeline. The naming convention used is as follows:
[Plug and Gain] - <process>, such as [Plug and Gain] - Source to Pay
- **Dashboards:** Each analysis configuration contains up to 8 customizable dashboards. For a complete list, see [Dashboards for Value Accelerators for Specific Processes \[page 67\]](#).

SAP Signavio Process Manager

The following is created for you in SAP Signavio Process Manager:

- **Process models:** 1 process model per process and more than ten process models for process landscape analysis are set up by importing an SAP Signavio archive (SGX) file that contains the following:
 - All process models: 1 for the process landscape analysis and more for each value accelerator (number varies between processes)
 - The logic of the process landscape analysis
 - Links to the SAP Signavio Process Insights tenant and the dashboards
- **Attributes:** The following three custom attributes are also created based on the SGX file imported:
 - SAP Signavio Process Intelligence
 - SAP Signavio Process Insights
 - Reference Process
- **User group:** The *SAP Plug and Gain* user group is created with manager access to the process landscape analysis in SAP Signavio Process Manager as well as to the analysis configurations and data pipelines in SAP Signavio Process Intelligence.

SAP Signavio Process Collaboration Hub

The folder with the process models is published to SAP Signavio Process Collaboration Hub from SAP Signavio Process Manager.

7.3.1 Dashboards for Value Accelerators for Specific Processes

Get to know the scope of pre-built templates for dashboards that come with each value accelerator for specific processes as part of the plug and gain approach.

The following table lists the dashboard templates available with each of the value accelerators:

Accelerator	Analysis Objective	Description
Acquire to Decommission (SAP S/4HANA and SAP ECC)	Optimize your maintenance order processing	Provides a high-level overview of an Acquire to Decommission (A2D) process. It assesses to which extent, for which use cases, and how maintenance orders are used. It evaluates the adherence to preventive and corrective maintenance orders in terms of planned vs. actual dates. You can use these insights to identify the root causes for improving your maintenance efficiency.
Acquire to Decommission (SAP S/4HANA and SAP ECC)	Improve financial performance	Analyzes the improvement of the financial performance and how it's impacting the maintenance order processing cycle. Provides plan/actual deviations to assess the impact of open commitments on your maintenance orders. You can use these insights to identify patterns for the settlement of maintenance orders along the A2D process.
Acquire to Decommission (SAP S/4HANA and SAP ECC)	Optimize your status change usage	Focuses on the impact of system and user status changes on your maintenance order process performance. Identifies change patterns in the process execution of preventive and corrective maintenance. Helps to understand process conformance, the impact of process execution on performance, process variants, operational efficiency, and user status.
Acquire to Decommission (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.

Accelerator	Analysis Objective	Description
Acquire to Decommission (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Improve customer master data quality	Provides an overview of which customers are used most frequently. Focuses on the improvement potential along the customer master data maintenance process. Prepares for the business partner migration as part of the SAP S/4HANA transformation by cleaning up outdated master data and fixing master data issues.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Improve Days Sales Outstanding (DSO)	Analyzes the extent to which late payments are impacting financial performance (DSO). It helps to identify organizational units and/or customers particularly affected by late payments. You can use these insights to understand root causes for late payments and derive improvement measures.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Improve operational efficiency	Analyzes the impact of manual changes on your financial and process performance. It helps to identify change patterns (frequent changes to automatically created documents, repeated changes to the same field etc.). Uncovers changes to values, which should have been derived from customer master data and shows how to improve customer master data quality.

Accelerator	Analysis Objective	Description
Invoice to Cash (SAP S/4HANA and SAP ECC)	Increase automation along the invoice-to-cash process	Provides a measurement of the degree of automation and efficiency along the Invoice to Cash (ITC) process. It helps to identify the biggest levers for improving automation. You can use these insights to derive measures to increase process automation.
Invoice to Cash (SAP S/4HANA and SAP ECC)	Optimize your payment term usage	Focuses on the impact of payment terms on DSO. It helps to identify compliance and/or master data issues by analyzing (unfavorable) payment term changes. You can use these insights to derive improvement measures such as renegotiation of payment terms with your customers.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Improve customer master data quality	Provides an overview of which customers are used most frequently. Focuses on the improvement potential along the supplier master data maintenance process. Prepares for the business partner migration as part of the SAP S/4HANA transformation by cleaning up outdated master data and fixing master data issues.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Improve on-time payment performance	Analyzes the extent to which early payments are impacting financial performance (DPO). It helps to identify the risk of damaging your supplier relationships by late payments. You can use these insights to derive measures for improving your on-time payment performance.

Accelerator	Analysis Objective	Description
Invoice to Pay (SAP S/4HANA and SAP ECC)	Improve operational efficiency	Analyzes the impact of manual changes on your financial and process performance. It helps to identify change patterns (frequent changes to automatically created documents, repeated changes to the same field etc.). Uncovers changes to values, which should have been derived from customer master data and shows how to improve supplier master data quality.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Improve our discount usage	Analyzes the financial impact of cash discount usage. It helps to identify root causes for missed cash discount. You can use these insights to evaluate cash discount usage by company code and supplier.
Invoice to Pay (SAP S/4HANA and SAP ECC)	Optimize your payment term usage	Focuses on the impact of payment terms on the cash conversion cycle. It helps to understand for which suppliers it might be worth it to renegotiate payment terms. You can use these insights to detect patterns for (unfavorable) changes in payment terms along the Invoice to Pay (ITP) process.
Lead to Cash (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.
Lead to Cash (SAP S/4HANA and SAP ECC)	Avoid process delays	Provides an overview on goods issue and billing deviations. Analyzes the impact of process delays on your business. You can use these insights to derive actions that could be taken to reduce deviations from planned goods issue date and billing date.
Lead to Cash (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.

Accelerator	Analysis Objective	Description
Lead to Cash (SAP S/4HANA and SAP ECC)	Improve customer master data quality	Provides an overview of which customers are used most frequently. Focuses on the improvement potential along the customer master data maintenance process. Prepares for the business partner migration as part of the SAP S/4HANA transformation by cleaning up outdated master data and fixing master data issues.
Lead to Cash (SAP S/4HANA and SAP ECC)	Improve operational efficiency	Analyzes the impact of manual changes on your financial and process performance. It helps to identify change patterns (frequent changes to automatically created documents, repeated changes to the same field etc.). Uncovers changes to values which should have been derived from customer master data and shows how to improve supplier master data quality.
Lead to Cash (SAP S/4HANA and SAP ECC)	Optimize your sales order processing	Provides an overview of sales order volume and parameters that impact sales order processing. Analyzes rejection reasons for sales orders to prevent cancellations. Uncovers delivered sales order items despite credit blocks and focuses on how to improve credit check performance.
Plan to Fulfill (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.
Plan to Fulfill (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.
Plan to Fulfill (SAP S/4HANA and SAP ECC)	Reduce quantity deviations	Provides an overview of a company's delivery reliability in relation to the fulfillment of target quantity delivered. Assesses the impact of under- and over-deliveries on your business. It helps to understand actions that could be taken to reduce the impact of quantity deviations.

Accelerator	Analysis Objective	Description
Plan to Fulfill (SAP S/4HANA and SAP ECC)	Reduce time deviations	Provides an overview of whether your company finishes production early or late and evaluates your on-time delivery performance. Assesses the impact of early and late finish of production on your business. It helps to understand actions that could be taken to reduce the impact of deviations of delivery date from scheduled delivery date.
Plan to Fulfill (SAP S/4HANA and SAP ECC)	Improve your inspection lot handling	Provides a comprehensive overview of inspection lot handling within your organization. Understand the usage of inspection lots, to which extent they are automated, and if quantity deviations occur. Analyze your usage decisions, specifically the share of rejected and accepted inspection lots, and the related decision codes. Get visibility about goods movements after completion of inspection and investigate cases that might require special attention. Assess planning accuracy of inspection lot processing and the potential impact on delivery performance.
Record to Report (SAP S/4HANA and SAP ECC)	Optimize your closing process	This dashboard analyzes the scope and sequence of closing activities. It helps you to identify long running closing activities and bottlenecks along the closing process. You can use these insights to detect areas of improvement along automation and standardization process metrics.
Source to Pay (SAP S/4HANA and SAP ECC)	Overview	Serves as a starting point to explore available analyses and identify areas for improvement in the Source to Pay process. It highlights some key KPIs as well as a high-level analysis of the process to identify areas to investigate further.
Source to Pay (SAP S/4HANA and SAP ECC)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.

Accelerator	Analysis Objective	Description
Source to Pay (SAP S/4HANA and SAP ECC)	Evaluate your supplier delivery reliability	Provides an overview of whether your suppliers deliver early or late and evaluate your supplier's delivery reliability. Assesses the impact of early, late and overdue deliveries on your business. It helps to understand actions that could be taken to reduce the impact of unreliable deliveries.
Source to Pay (SAP S/4HANA and SAP ECC)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Provides insights into harmonization across specific purchasing scenarios, like Purchase Requisition and Confirmation Control. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.
Source to Pay (SAP S/4HANA and SAP ECC)	Improve material and supplier data quality	Provides an overview of which materials and suppliers are used most frequently. Focuses on the improvement potential along the materials and supplier data maintenance process. Prepares for the business partner migration as part of the SAP S/4HANA transformation by cleaning up outdated master data and fixing master data issues.
Source to Pay (SAP S/4HANA and SAP ECC)	Improve operational efficiency	Analyzes the impact of manual changes on your financial and process performance. It helps to identify change patterns (frequent changes to automatically created documents, repeated changes to the same field etc.). Uncovers changes to values which should have been derived from customer master data and shows how to improve supplier master data quality.
Source to Pay (SAP S/4HANA and SAP ECC)	Improve your three-way-match rate	Provides an overview of the three-way-match rate of your suppliers. The three-way-match-rate is a control indicator that measures if quantities and prices in the delivery and invoice correspond to the initial purchase order. Evaluates the impact of deviations from the three-way-match and derive actions. It helps to reduce effort for corrections by improving the three-way-match rate.






Accelerator	Analysis Objective	Description
Source to Pay (SAP S/4HANA and SAP ECC)	Improve your inspection lot handling	Provides a comprehensive overview of inspection lot handling within your organization. Understand the usage of inspection lots, to which extend they are automated, and if quantity deviations occur. Analyze your usage decisions, specifically the share of rejected and accepted inspection lots, and the related decision codes. Get visibility about goods movements after completion of inspection and investigate cases that might require special attention. Assess planning accuracy of inspection lot processing and the potential impact on delivery performance.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Overview	Serves as a starting point to explore available analyses and identify areas for improvement in the Source to Pay process. It highlights some key KPIs as well as a high-level analysis of the process to identify areas to investigate further.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Analyze and improve your Best-Run Score	Analyzes how your Best-Run Score develops over time. Detects which activities are close to SAP recommendations and which are not. You can use these insights to derive measures for improving process execution by analyzing Best-Run Scores for specific process steps and/or organizational units.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Evaluate your supplier delivery reliability	Provides an overview of whether your suppliers deliver early or late and evaluate your supplier's delivery reliability. Assesses the impact of early, late, and overdue deliveries on your business. It helps to understand actions that could be taken to reduce the impact of unreliable deliveries.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Harmonize your process	Measures the degree of process harmonization based on process flow variants used. Provides insights into harmonization across specific purchasing scenarios, like Purchase Requisition and Confirmation Control. Analyzes how many alternative activities are used to perform the same process step. This leads to lower change management effort and increased efficiency by deriving to-be harmonized process execution.


Accelerator	Analysis Objective	Description
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Improve automation across SAP ERP and SAP Ariba	Provides an overview of the different automation rates to understand what analysis will be most important. Brings transparency on the level of automation in creating PR (purchase requisition) items, converting PR items to PO (purchase order) items as well as creating PO items without PR in both SAP Ariba and ERP systems. It helps to detect problems in automation and to detect root causes.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Improve material and supplier data quality	Provides an overview of which materials and suppliers are used most frequently. Focuses on the improvement potential along the materials and supplier data maintenance process. Prepares for the business partner migration as part of the SAP S/4HANA transformation by cleaning up outdated master data and fixing master data issues.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Improve operational efficiency	Analyzes the impact of manual changes on your financial and process performance. It helps to identify change patterns (frequent changes to automatically created documents, repeated changes to the same field etc.). Uncovers changes to values which should have been derived from customer master data and shows how to improve supplier master data quality.
Cross-System Source to Pay (SAP Ariba and SAP ERP)	Improve your three-way-match rate	Provides an overview of the three-way-match rate of your suppliers. The three-way-match-rate is a control indicator that measures if quantities and prices in the delivery and invoice correspond to the initial purchase order. Evaluates the impact of deviations from the three-way-match and derive actions. It helps to reduce effort for corrections by improving the three-way-match rate.

8 Getting Started


Understand how business users can get started once the technical steps to set things up for the plug and gain approach have been completed.

Once things are up and running, you're ready to get started with your analysis. To help you get started, you can start by checking out blogs relating to the plug and gain approach on SAP Community, such as the following blogs:

- [plug and gain 101: #1 What is a Best-Run Score?](#) 
- [plug and gain 101: #2 What is a Transaction Score? And what is a Completion Score?](#) 
- [plug and gain 101: #3 What is the Process House?](#) 
- [plug and gain 101: #4 What is a Process Flow Variant?](#) 
- [plug and gain 101: #5 How does data retrieval work for the plug and gain approach in SAP Signavio?](#) 

You can also download this [Getting Started Guide](#)  for business users to understand more about the plug and gain approach and how you can get started.

Note

The [Getting Started Guide](#)  is only accessible externally with a valid S-user ID.

9 Data Protection and Privacy

Using the plug and gain approach and its value accelerators combines the capabilities of SAP Signavio Process Insights and SAP Signavio Process Intelligence. As a result, the data protection and privacy policies of both solutions apply together.

We recommend reviewing the guidelines of both solutions to familiarize yourself with your responsibilities. This will help ensure that you are informed about the data protection and privacy mechanisms in place.

- SAP Signavio Process Insights: [Data Protection and Privacy](#)
- SAP Signavio Process Intelligence: [Data Protection and Privacy](#)

However, note the following information on personal data specific to the plug and gain approach.

Personal Data in Performance Indicators in SAP Signavio Process Insights

The SAP Signavio Process Insights solution can potentially store and process personal data, such as customer, supplier, and user identifiers collected for some performance indicators that it receives from your source system. This data is transferred to SAP Signavio Process Intelligence as part of the plug and gain approach.

For a list of performance indicators potentially containing personal data, see [Personal Data in Performance Indicators](#) in the *Reference Guide for Business Content in SAP Signavio Process Insights*.

Pseudonymization of Personal Data in Event Logs in SAP Signavio Process Intelligence

If personal data is extracted from SAP Signavio Process Insights, you can choose to pseudonymize it for your process analysis.

Pseudonymization is applied during the extraction before the data reaches SAP Signavio Process Intelligence. For more information, see [Pseudonymizing Data](#) in the *Onboarding and Data Integration Guide for SAP Signavio Process Intelligence*.

10 Troubleshooting

Get help resolving issues getting started with the plug and gain approach.

Data extraction failed due to missing authorizations

Symptom

In SAP Signavio Process Intelligence, you're trying to run a transformation and load of data from SAP Signavio Process Insights and you get the following error:

Error: ExtractionJob failed

| *source-system: SAP_PROCESS_INSIGHTS*

| *cause:*

[403001] Not authorized to send event 'READ' to...

Root cause

The issue is caused by missing authorizations in your service key. New authorizations for lines of business were added to the `api-plan` service plan after you created your service instance. Existing service instances created before new authorizations are added don't have the new authorizations automatically.

For example, authorizations for the lines of business `LOB_AM` and `LOB_SERVICE` were added to the `api-plan` service plan in May 2024. If you created your service instance before May 2024, these authorizations are missing.

Suggested action

Create both a new service instance and service key to use for your plug and gain connection. (Creating a new service key only is not sufficient.)

Note

If you're using the existing service instance for other use cases, such as integration with SAP Analytics Cloud, you can also keep the existing service instance.

1. In SAP Business Technology Platform (SAP BTP), create a new service instance. To create a new service instance, follow the steps outlined under [Creating a Service Instance](#) in the *API Reference Guide for SAP Signavio Process Insights*.

Note

You probably don't need step 1, because the entitlement for the `api-plan` service plan is already added.

2. In SAP BTP, create a new service key. After you've created your new service instance using the `api-plan` service plan, create a new service key as outlined under [Creating a Service Binding or Service Key](#) in the *API Reference Guide for SAP Signavio Process Insights*. This new service key then includes the latest permissions.
3. In SAP Signavio Process Intelligence, update your connection. Update the connection that you previously created for SAP Signavio Process Insights by navigating to the connection created for the relevant value accelerator for which the error occurred and update the information in the following fields based on the latest service key details:
 - [OAuth Client Id](#)
 - [OAuth Client Secret](#)
 - [OAuth Access Token Url](#)

Note

This value for this [OAuth Access Token Url](#) is probably unchanged.

See also [Editing and Deleting Connections](#) in the *SAP Signavio Process Intelligence User Guide*.

11 Document History

This section provides an overview of the changes made in each version of this document since August 2024.

Date	Comment
2026-05-26	<p>Updated information under Prerequisites [page 7]:</p> <ul style="list-style-type: none">Updated the version of the ST-A/PI plug-in required to ST-A/PI 01W SP2, to align with the latest minimum version recommended for SAP Signavio Process Insights
2025-11-04	<p>Updated information under What's Created by SAP [page 65]:</p> <ul style="list-style-type: none">Added information about which process data pipeline, process, and dashboard is created for the new Adherence to Target analysis <p>Updated information under Scope of Business Content in Process Landscape Analysis [page 8]:</p> <ul style="list-style-type: none">Updated the scope of the process flows in SAP Signavio Process Insights <p>Updated the information under Connector - SAP Signavio Process Insights:</p> <ul style="list-style-type: none">Updated to reflect the fact that a new version of the service <code>EventLogsService</code> is required for the process landscape analysis and Adherence to Target analysis <p>Updated the information under Getting Started [page 76]:</p> <ul style="list-style-type: none">Added the links to two new blog entries of the <i>plug and gain 101</i> series <p>Updated information under Prerequisites [page 7]:</p> <ul style="list-style-type: none">Updated the version of the ST-A/PI plug-in required to ST-A/PI 01W SP1, to align with the latest minimum version recommended for SAP Signavio Process Insights

Date	Comment
2025-07-29	<p>Updated the information under Scope of Business Content in Process Landscape Analysis [page 8]:</p> <ul style="list-style-type: none"> Updated the names of process flows following name changes: <ul style="list-style-type: none"> KPLE000360 renamed from <i>Outbound delivery item creation to goods issue posting</i> to <i>Outbound delivery item creation (with picking status) to goods issue posting</i> KPLE000361 renamed from <i>Outbound delivery item creation to goods issue posting (transfer order)</i> to <i>Outbound delivery item creation (using transfer order) to goods issue posting</i> <p>Updated the information under Getting Started [page 76]:</p> <ul style="list-style-type: none"> Added a note to indicate that the linked <i>Getting Started</i> for download is only accessible externally with a valid S-user ID.
2025-03-24	<p>Updated the information under Onboarding [page 51]:</p> <ul style="list-style-type: none"> Added a dedicated section for preparing to connect SAP Signavio Process Insights with information about creating a service instance and service key Prepare to Connect SAP Signavio Process Insights [page 54] Updated the steps for creating a support case to request the support of the plug and gain delivery team at SAP 5a. Set Up Process Landscape Analysis [page 53]
2024-11-22	<p>Updated information under Onboarding [page 51]:</p> <ul style="list-style-type: none"> Added an image to make onboarding steps clearer at a glance Restructured information and added details to make clearer who needs to complete which onboarding steps <p>Removed references to the term SAP Process Landscape Analysis to prevent confusion</p>

Date	Comment
2024-11-11	<p>Updated information under Onboarding [page 51]:</p> <ul style="list-style-type: none"> Removed details about information previously to be shared with SAP and replaced with new step to create a support ticket Replaced references to <i>technical consultant at SAP</i> with <i>plug and gain delivery team at SAP</i> to avoid confusion Changed the reference to the role collection to be assigned to the named user in SAP Signavio Process Insights to SAP Signavio Process Insights Administrator (from SAP Signavio Process Insights User previously)
2024-11-06	<p>Added information under Getting Your Service Key Details [page 63]:</p> <ul style="list-style-type: none"> Added this new section with information about how to get the service key details needed to create a connection <p>Added information under Service Root with Region Information [page 60]:</p> <ul style="list-style-type: none"> Added this new section with information about how to complete the <i>Service Root</i> field in the connector <p>Added information under Troubleshooting [page 78]:</p> <ul style="list-style-type: none"> Added this new section to provide details and suggested action to help resolve issues <p>Updated information under Prerequisites [page 7]:</p> <ul style="list-style-type: none"> Updated the version of the ST-A/PI plug-in required to ST-A/PI 01V SPO3, to align with the latest minimum version recommended for SAP Signavio Process Insights <p>Corrected some information under Onboarding [page 51]:</p> <ul style="list-style-type: none"> Corrected the email address to be added as a new user in the relevant workspace to <code>signavio-plugin-and-gain-delivery@sap.com</code>
2024-09-09	<p>Corrected the information under Scope of Business Content in Process Landscape Analysis [page 8], where the list of process flow variants was incomplete</p>



Date	Comment
2024-08-27	<p>Updated the information under Scope of Performance Indicators in Value Accelerators [page 30]:</p> <ul style="list-style-type: none"> • Changed the name of performance indicator KFFI001201 from <i>Schedule Manager: Runtimes and Status</i> to <i>Overview of financial closing activities and their run times</i> based on renaming in SAP Signavio Process Insights
2024-08-22	<p>Updated the information under Connector - SAP Signavio Process Insights:</p> <ul style="list-style-type: none"> • Added a link to more details on specifying the region ID in the service root URL
2024-08-19	<p>Updated the information under Connector - SAP Signavio Process Insights:</p> <ul style="list-style-type: none"> • Corrected the service root URL to <code>https://bpi-plugin-and-gain.cfapps.<region_ID>.hana.ondemand.com/api/<service>/v1/</code> • Updated the value accelerator link for Manufacturing-Service • Updated the connector stage to Released

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