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Other Integration Scenarios in SAP Asset Intelligence Network

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1 Integration from SAP Manufacturing Execution (SAP ME) to SAP Asset Intelligence Network (SAP AIN)

You can integrate the SAP Manufacturing Execution (SAP ME) system directly into your existing SAP Asset Intelligence Network (SAP AIN) application, giving manufacturing staff a possibility to create a digital twin for each physical piece of equipment that will reside within this network.

The aim of SAP Asset Intelligence Network is to maintain a global registry of equipment that uses common definitions. These common definitions are then shared between multiple business partners, such as manufacturers or original equipment manufacturers (OEMs), or operators, or service providers, to deliver new collaborative business models resulting in true operational excellence.

At the core of the network is the SAP HANA Cloud Platform with IoT application services to help customers and partners achieve fast time to value and develop IoT solutions efficiently. SAP and partners within the network are collaborating on solutions for connected asset lifecycle management, track and trace, and IoT for the process industry.

You can also integrate the following transaction data with SAP AIN:

SAP AIN	SAP ME
Item of Equipment	SFC Number

For more information, see [SAP Manufacturing Execution](#).

Related Information

<https://help.sap.com/viewer/c86ca4026fae4cb3ba66ed751866175b/latest/en-US/18bd9dc0bda648f6ae867c594c4eaeda.html>

2 Integration with SAP S/4HANA(Cloud & On-Premise) - Product Lifecycle Management

This business process enables fast creation of the SAP Asset Intelligence Network model based on available product information by transferring this data from manufacturing to service.

For more information on SAP S/4HANA Cloud integration, see

- [SAP Best Practices for SAP S/4HANA Cloud](#) → [Solution Scope](#) > [R&D Engineering](#) > [Product Lifecycle Management](#) > [Handover of Product Information to SAP Asset Intelligence Network \(2WK\)](#)
- [SAP Best Practices for SAP S/4HANA Cloud](#) → [Solution Scope](#) > [Asset Management](#) > [Maintenance Management](#) > [Integration with Asset Central Foundation \(3YE\)](#)

For more information on SAP S/4HANA on-premise integration, see [SAP Best Practices for SAP S/4HANA \(on premise\)](#) → [Solution Scope](#) > [R&D Engineering](#) > [Product Lifecycle Management](#) > [Handover of Product Information to SAP Asset Intelligence Network \(2WK\)](#)

3 Integration with SAP Intelligent Product Design

Connecting to SAP Asset Intelligence Network allows your users to check their improvement requests from relevant cards in the Live Product Cockpit app and navigate to the Performance Improvement app in SAP Asset Intelligence Network for further actions.

For more information, see <https://help.sap.com/viewer/fd39efd120a74b37a1acca61d63bacaf/Cloud/en-US/2db53755884e4bd68a9e6ffb3113706d.html>.

4 Integration with SAP Fieldglass

Integration with SAP Fieldglass provides a holistic view of work orders in SAP Asset Intelligence Network.

Context

Currently, SAP Fieldglass and SAP Asset Intelligence Network are connected through SAP ERP/ S/4HANA. Work Orders are replicated between these two systems by validating the external id or the purchase order id through S/4HANA. You can now integrate your SAP Fieldglass and SAP Asset Intelligence Network systems to get a detailed view of the work orders and related processes in SAP Asset Intelligence Network.

→ Remember

For the statement of work details to reflect in SAP Asset Intelligence Network, all S/4HANA/ECC external system configurations must be maintained in SAP Asset Intelligence Network. These configurations are the source for the SAP Fieldglass work orders.

For more information on work order integration, see [Integration of Asset Central Foundation with SAP EAM](#).

For the respective corrections and instructions related to work order integration, see [SAP note 3052262](#)



Procedure

1. Add one or more SAP Fieldglass systems as external systems to SAP Asset Intelligence Network.

If you've multiple Fieldglass external systems, you must maintain a unique username and license key for each of the systems.

2. To add SAP Fieldglass as an external system in SAP Asset Intelligence Network, see [Configuring External Systems](#)

When you add an external system of type SAP Fieldglass, provide the details for the following fields in the [Add System](#) dialog:

<i>System Name</i>	Name of external system
<i>System Status</i>	Active or inactive
<i>UI URL Information</i>	SAP Fieldglass UI URL
<i>API URL Information</i>	SAP Fieldglass API URL
<i>User Name</i>	SAP Fieldglass username
<i>License Key</i>	SAP Fieldglass license key

Additional Information Optional information about the external system

Primary System This toggle enables you to assign a primary system.

3. Once you've added the external system, you must map your buyer ID in SAP Fieldglass to your company GUID in SAP Asset Intelligence Network using the *Company Profile* application.
 - a. Launch the *Company Profile* application.
 - b. Click *External IDs* in the top-right corner.
 - c. Click *Add*.
 - d. In the *Add External ID* window, enter the following details:

System Name Select your external system.

Object Type Optional object type

External ID SAP Fieldglass buyer ID

If you maintain multiple external systems, you must map each buyer ID with the company GUID.

Optionally, you can maintain external IDs for your connected partners or invitees using your supplier IDs in SAP Asset Intelligence Network.

Results

SAP Fieldglass invokes an API and provides the relevant username and license key information along with the statement of work and worker details. SAP Asset Intelligence Network validates the external system configuration with the username and license key information provided. If it's a valid connection, SAP Asset Intelligence Network obtains and displays the statement of work and worker details from SAP Fieldglass.

Clicking on the statement of work and people links for each work order or operation displays the corresponding details from SAP Fieldglass. You can also access these details from the respective *Statement of Work* and *People* sections in the work order or operation object page.

Clicking on the *Display Statement of Work* or *Display People* link in the respective dialogs allows you to navigate to the SAP Fieldglass system for more information.

5 Important Links - SAP Asset Intelligence Network



- [Accessing APIs of SAP Intelligent Asset Management Solutions](#)

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