|  |  |
| --- | --- |
|  |  |
| Test Script  SAP S/4HANA - 21-08-20 | public |
| Handover of Product Information to SAP Asset Intelligence Network (2WK\_DE) |

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# Purpose

This business process enables a fast creation of the SAP Asset Intelligence Network model based on available product information by transferring this data from manufacturing to service. The Bill of Material serves as basis for the transfer of the product data. SAP Asset Intelligence Network is one of the applications included in the SAP Leonardo Internet of Things (IoT) portfolio’s Connected Assets pillar. It is a secure cloud-based information exchange for equipment manufacturers, operators, and maintenance providers in asset-intensive industries.

If you have activated the Embedded Software Management (2G6) scope item, then you can also hand over the software information (linked to a software component of the product) to AIN.

This document provides a detailed procedure for testing this scope item after solution activation, reflecting the predefined scope of the solution. Each process step, report, or item is covered in its own section, providing the system interactions (test steps) in a table view. Steps that are not in scope of the process but are needed for testing are marked accordingly. Project-specific steps must be added.

# Prerequisites

This section summarizes all the prerequisites for conducting the test in terms of systems, users, master data, organizational data, other test data and business conditions.

## Additional Manual Configuration

Before you can test this scope item, you must have completed the additional configuration steps that are described in the Set-Up Instructions for this scope item. These configuration steps are specific for your implementation and include mandatory settings that are not delivered by SAP and must be created by you. For more information, refer to the Set-Up Instructions for this scope item on [SAP Best Practices Explorer](https://rapid.sap.com/bp) (https://rapid.sap.com/bp/#/browse/scopeitems/<enter the scope item ID>).

## System Access

Use the following resources for the tests:

|  |  |
| --- | --- |
| Resource | Details |
| S/4HANA | Accessible through the SAP Fiori launchpad. Your system administrator provides you the URL to access various apps assigned to your role. |
| SAP Asset Intelligence Network (AIN) | Accessible through the SAP Fiori launchpad. Your system administrator provides you with the URL to access SAP Asset Intelligence Network. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) | Log On |
| * Production Engineer - Discrete Manufacturing   Maintains the production-specific master data such as BOM, routing, and so on, for discrete manufacturing.  Collaborates closely with the engineering and planning departments, production supervisors, and other people relevant to manufacturing. | SAP\_BR\_PRODN\_ENG\_DISC | Production Engineering - Discrete Manufacturing | SAP\_BR\_PRODN\_ENG\_DISC |  |
| * BOM Engineer   Creates bills of material and consistent overall product model.  Drives changes across organizations.  Is responsible for the change process until handover to manufacturing.  Is typically a member of the R&D group of the company. | BOM Management | SAP\_BR\_BOM\_ENGINEER |  |  |

## Master Data, Organizational Data, and Other Data

Released FG126 Material BOM as Manufacturing BOM (for details, see 1ZI – Basic Handover of Bill of Material).

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material | SG-CFP | Centrifugal Pump |  |
| Material | SG-CFP-COUPLER | Coupler |  |
| Material | SG-CFP-HOUSING | Pump Housing |  |
| Material | SG-CFP-SEAL | Seal |  |
| Material | SG-CFP-IMPELLER | Impeller |  |
| Material | SG-CFP-ADAPTER | Adapter |  |
| Material | SG-CFP-B-BRNG | Ball Bearing |  |
| Material | SG-CFP-INBRD\_CVR | Inboard Cover |  |
| Material | SG-CFP-SHAFT | Shaft |  |
| Material | SG-CFP-BRNG-BRKT | Bearing Bracket |  |
| Material | SG-CFP-CON\_BK | Connector Back |  |
| Material | SG-CFP-CON\_BX\_CVR | Connector Box Cover |  |
| Material | SG-CFP-CON | Connector |  |
| Material | SG-CFP-HARNESS | Harness |  |
| Material | SG-CFP-V-SENSOR | Vibration Sensor |  |
| Material | SG-CFP-F-SENSOR | Flow Sensor |  |
| Material | SWN-CFG-SW-S1 | Software S1 |  |
| Manufacturing BOM | SG-CFP | Manufacturing BOM structure for SG-CFP |  |

For more information on creating master data objects, see the following [Master Data Scripts (MDS)](https://support.sap.com/content/dam/SAAP/Sol_Pack/BP_OP_ENTPR/BP_OP_ENTPR_S4HANA2020_7_Master_Data_EN_XX.htm)

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| Master Data ID | Description |
| BNS | Create Product Master of Type "Semi-Finished Good" |

## Business Conditions

Before this scope item can be tested, the following business conditions must be met.

|  |  |
| --- | --- |
| Scope Item ID | Business Condition |
| 2G6 - Embedded Software Management | If you want to include software components in the BOM, the Embedded Software Management (2G6) scope item must be activated. |

## Preliminary Steps

### Create Model Template in SAP AIN

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this step, you create a model template that is used for creating an equipment model in AIN during the handover to AIN scenario.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to SAP Asset Intelligence Network.  Note For more information, see [System Access](#unique_4) [page ] 4. | The Home screen displays. |  |
| 2 | Access the app | Open the Templates app. | The Templates screen displays. |  |
| 3 | Create a new model template | 1. Choose Model Template. 2. Choose New. 3. On the New Model Template dialog box:    1. In the Template ID field, enter a unique ID for the model template, for example, CFP\_TEMPLATE.    2. In the Description field, enter a short description, for example, Sample Centrifugal Pump Template.    3. In the Long Description field, enter a detailed description, for example, Sample Centrifugal Pump Template.    4. In the Parent Subclass/Model Template field, select a template as follows:       1. Choose the value help icon.       2. On the Select Template dialog box, choose the filter icon.       3. On the Filter By dialog box, choose Type.       4. On the Filter By: Type dialog box, select the Subclass check box, and choose OK.       5. On the Select Template dialog box, enter Pump in the search field and choose the search icon.       6. Select the Centrifugal Pump subclass from the search results.       7. Choose OK. 4. On the New Model Template dialog box, choose OK. | The model template is created. |  |

### (Optional) Create Software Document and Link the Software Material

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you create a Document Info Record (DIR), provide a URL to the software, and link the DIR to software material.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as BOM Engineer. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Manage Documents (F2733) app. | The Manage Documents screen displays. |  |
| 3 | Create new document | Click the + icon to create a new document. | The Document screen displays. |  |
| 4 | Enter meta data | 1. On the General Information tab, make the following entries:    * Document Number: CFP\_SW\_DOC\_01    * Document Type: SWV    * Document Part : 000 2. On the Document Data tab, enter a document description. For example, Document Description: PUMP Software Initial Version. | The Document Status field is set to IW. |  |
| 5 | Create object link | 1. On the Object Links tab, click the + icon. 2. On the SAP Object dialog box, choose the SAP object MARA. 3. On the Select: Material Master dialog box, in the Search field, enter SWN-CFG-SW-S1, and choose Go. 4. Select the same material from the Items table. | The object link with the object key is displayed in the Object Links section. |  |
| 6 | Add link to the software document | 1. Choose the Originals tab. 2. Choose Add a Link. 3. On the Add a Link dialog box:    1. In the URL field, enter the URL where the software is stored.    2. In the Description field, enter a description for the URL. 4. Choose Ok. | The file is added as an attachment. |  |
| 7 | Save the document | Choose Save. | A new document of the type SWV is created. |  |
| 8 | Set the document status to Released | 1. Choose Edit. 2. On the Document Data tab, use the value help to set the Document Status field to Released. 3. Choose Save. | The document status is set to Released.  Remember Note the Document Number. |  |

### (Optional) Maintain Software Version in the Manufacturing BOM

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you maintain the software version of the software component in the manufacturing BOM.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as BOM Engineer. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries and choose Go.    * Material: SG-CFP    * BOM Usage: 1    * Alternative BOM: 1 2. Select the BOM SG-CFP in the search results. | BOM SG-CFP is displayed. |  |
| 4 | Maintain Software Version | 1. Choose Edit. 2. In the Components table, select the check box corresponding to the component SWN-CFG-SW-S1. 3. Choose Maintain Software. 4. In the Maintain Software dialog box, make the following entries, and choose Go.    * Document: CFP\_SW\_DOC\_01    * DocumentType: SWV    * DocumentPart: 000    * DocumentVersion: 00 5. Select the radio button in the search results, and choose OK.   The Selected software document has been added to the line item message displays.   1. On the Success dialog box, choose OK. 2. Choose Save. | Software document is added to the software component in the manufacturing BOM. |  |

# Overview Table

This scope item consists of several process steps provided in the following table.

If your system administrator has enabled spaces and pages on the SAP Fiori launchpad, the homepage will only contain the essential apps for performing the typical tasks of a business role.

You can find all other apps not included on the homepage using the search bar.

If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose Settings > App Finder .

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | App / Transaction | Expected Results |
| [Identify Spare Parts in the Manufacturing BOM](#unique_12) [page ] 13 | Production Engineer - Discrete Manufacturing | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Spare part information is updated. |
| [Set the Manufacturing BOM as Ready for Handover](#unique_13) [page ] 15 | Production Engineer - Discrete Manufacturing | Maintain Bill Of Material - Create, change & display BOMs (F1813) | Manufacturing BOM is ready for handover to AIN. |
| [Hand Over to SAP Asset Intelligence Network](#unique_14) [page ] 16 | Production Engineer - Discrete Manufacturing | Maintain Bill Of Material - Create, change & display BOMs (F1813) | AIN model is created. |
| [Publish the Model in SAP Asset Intelligence Network](#unique_15) [page ] 17 | AIN User | SAP Asset Intelligence Network > Models | AIN model is validated. |
| [(Optional) Create New Software Version](#unique_16) [page ] 19 | BOM Engineer | Manage Documents (F2733) | New software version is created. |
| [(Optional) Maintain the New Software Version in Manufacturing BOM](#unique_17) [page ] 20 | BOM Engineer | Maintain Bill Of Material - Create, change & display BOMs (F1813) | New software version is maintained in the manufacturing BOM. |
| [(Optional) Hand Over the New Software Version to SAP Asset Intelligence Network](#unique_18) [page ] 22 | Production Engineer - Discrete Manufacturing | Maintain Bill Of Material - Create, change & display BOMs (F1813) | AIN model for the new software version is created. |
| [(Optional) Validate the Software Version Change in SAP Asset Intelligence Network](#unique_19) [page ] 23 | AIN User | SAP Asset Intelligence Network > Models | AIN model is validated for the software version change. |

# Test Procedures

This section describes test procedures for each process step that belongs to this scope item.

## Identify Spare Parts in the Manufacturing BOM

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you set the Spare Part Indicator field for the relevant BOM components. Only the BOM components which are marked in this step are transferred as spare parts to SAP Asset Intelligence Network.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as Production Engineer - Discrete Manufacturing. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries, and choose Go:    * Material: SG-CFP    * Plant: 1010    * BOM Usage: 1    * Alternative BOM: 01 2. In the search results, choose the manufacturing BOM. | The BOM details display. |  |
| 4 | Mark component items as spare parts | 1. Choose Edit. 2. In the Components section, choose the item number 0010.   The component details display.   1. Select the Status/Long Text tab. 2. In the Spare Part Indicator field, enter X. 3. Choose Apply. 4. Repeat steps 2 – 5 for the components with the following item numbers:    * 0020    * 0030    * 0040    * 0050    * 0060    * 0070    * 0080    * 0090    * 0100    * 0110    * 0120    * 0130    * 0140    * 0150    * 0160   Restriction You can hand over the software information (linked to a software component) to AIN only if you have activated the Embedded Software Management (2G6) scope item. | The component items are marked as spare parts. |  |
| 5 | Save the BOM | Choose Save. | The changes to the BOM are saved. |  |

## Set the Manufacturing BOM as Ready for Handover

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you set the Is Ready to AIN Handover field in the BOM header to indicate that the manufacturing BOM is ready for handover to SAP Asset Intelligence Network.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as Production Engineer - Discrete Manufacturing. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries, and choose Go:    * Material: SG-CFP    * Plant: 1010    * BOM Usage: 1    * Alternative BOM: 01 2. In the search results, choose the manufacturing BOM. | The BOM details display. |  |
| 4 | Set the BOM as ready for handover | 1. Choose Edit. 2. In the Header Attributes section, select the Is Ready to AIN Handover checkbox. |  |  |
| 5 | Save the BOM | Choose Save. | The changes to the BOM are saved and Handover to AIN is enabled. |  |

## Hand Over to SAP Asset Intelligence Network

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you hand over the information maintained in the manufacturing BOM to SAP Asset Intelligence Network.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as Production Engineer - Discrete Manufacturing. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries, and choose Go:    * Material: SG-CFP    * Plant: 1010    * BOM Usage: 1    * Alternative BOM: 01 2. In the search results, choose the manufacturing BOM. | The BOM details display. |  |
| 4 | Hand over to AIN | 1. Choose Handover to AIN. 2. In the Handover to AIN dialog box:    1. In the Template field, use the value help to select the template that you created in [Create Model Template in SAP AIN](#unique_8) [page ] 7.    2. In the Manufacturer field, use the value help to select a manufacturer.   Tip Use the name of your organization as registered in the Company Profile application in SAP Asset Intelligence Network.   1. Choose Handover. | The product information is handed over to SAP Asset Intelligence Network. |  |

## Publish the Model in SAP Asset Intelligence Network

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you validate that the model and spare parts are created in SAP Asset Intelligence Network.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to SAP Asset Intelligence Network.  Note For more information, see [System Access](#unique_4) [page ] 4. | The Home screen displays. |  |
| 2 | Access the app | Open the Models app. | The Model List screen displays. |  |
| 3 | Validate the AIN model | 1. In the Search field, enter SG-CFP, and press Enter. 2. In the search results, choose the SG-CFP model. 3. On the Model screen, choose STRUCTURE AND PARTS > Spare Parts . 4. On the Model screen, choose DOCUMENTATION > Documents . | * The spare part components of the manufacturing BOM (except the software components) are listed in the STRUCTURE AND PARTS > Spare Parts section of the model. * The software components of the manufacturing BOM are listed in the DOCUMENTATION > Documents section of the model. |  |
| 4 | Publish the model | 1. Choose Publish. 2. In the Information dialog box, choose No. | The model is published. |  |

## (Optional) Create New Software Version

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you create a new version of the software component of the product.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as BOM Engineer. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Manage Documents (F2733) app. | The Manage Documents screen displays. |  |
| 3 | Create a new document | 1. Make the following entries and choose Go:    * Document Number: CFP\_SW\_DOC\_01    * Document Type: SWV 2. Select the latest version of the document in the search results and choose Create New Version. | The Document screen displays. |  |
| 4 | Add link to the software document | 1. Choose the Originals tab. 2. Choose Add a Link. 3. On the Add a Link dialog box:    1. In the URL field, enter the URL where the new software version is stored.    2. In the Description field, enter a description for the URL. 4. Choose Ok. | The file is added as an attachment. |  |
| 5 | Save the document | Choose Save. | A new document of the type SWV is created. |  |
| 6 | Set the document status to Released | 1. Choose Edit. 2. On the Document Data tab, use the value help to set the Document Status field to Released. 3. Choose Save. | The document status is set to Released.  Remember Note the Document Number. |  |

## (Optional) Maintain the New Software Version in Manufacturing BOM

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you update the version of the software component in the manufacturing BOM.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as BOM Engineer. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries and choose Go.    * Material: SG-CFP    * BOM Usage: 1    * Alternative BOM: 1 2. Select the BOM SG-CFP in the search results. | BOM SG-CFP is displayed. |  |
| 4 | Maintain Software Version | 1. Choose Edit. 2. In the Components table, select the check box corresponding to the component SWN-CFG-SW-S1. 3. Choose Maintain Software. 4. In the Maintain Software dialog box, make the following entry, and choose Go.    * Document: CFP\_SW\_DOC\_01 5. Select the radio button corresponding to the latest version of the document in the search results, and choose OK.   The Selected software document has been added to the line item message displays.   1. On the Success dialog box, choose OK. 2. Choose Save. | Latest version of the software document is added to the software component in the manufacturing BOM. |  |

## (Optional) Hand Over the New Software Version to SAP Asset Intelligence Network

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you hand over the information about the new version of the software component in the product to SAP Asset Intelligence Network.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to the SAP Fiori launchpad as Production Engineer - Discrete Manufacturing. | The SAP Fiori launchpad displays. |  |
| 2 | Access the app | Open the Maintain Bill Of Material - Create, change & display BOMs (F1813) app. | The Maintain Bill of Material screen displays. |  |
| 3 | Open the BOM | 1. Make the following entries, and choose Go:    * Material: SG-CFP    * Plant: 1010    * BOM Usage: 1    * Alternative BOM: 01 2. In the search results, choose the manufacturing BOM. | The BOM details display. |  |
| 4 | Hand over to AIN | 1. Choose Handover to AIN. 2. In the Handover to AIN dialog box:    1. In the Template field, use the value help to select the template that you created in [Create Model Template in SAP AIN](#unique_8) [page ] 7.    2. In the Manufacturer field, use the value help to select a manufacturer.   Tip Use the name of your organization as registered in the Company Profile application in SAP Asset Intelligence Network.   1. Choose Handover. | The product information is handed over to SAP Asset Intelligence Network. |  |

## (Optional) Validate the Software Version Change in SAP Asset Intelligence Network

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this process step, you validate that the information about the new version of the software component in the product are handed over to the SAP Asset Intelligence Network model.

Note You can skip this step if the product to be handed over does not include a software component.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instructions | Expected Result | Comments |
| 1 | Log on | Log on to SAP Asset Intelligence Network. | The Home screen displays. | For more information, see [System Access](#unique_4) [page ] 4. |
| 2 | Access the app | Open the Models app. | The Model List screen displays. |  |
| 3 | Validate the AIN model | 1. In the Search field, enter SG-CFP, and press Enter. 2. On the Model screen, choose DOCUMENTATION > Announcements . | The new version of software component of the manufacturing BOM is listed in the DOCUMENTATION > Announcements section of the model. |  |

# Appendix

## Process Integration

The process to be tested in this test script is part of a chain of integrated processes.

### Preceding Processes

You may first have completed the following processes and conditions before you start with the test steps:

|  |  |
| --- | --- |
| Process | Business Condition |
| 1ZI | Basic Handover of Bill of Material |

Typographic Conventions

|  |  |
| --- | --- |
| Type Style | Description |
| Example | Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.  Textual cross-references to other documents. |
| Example | Emphasized words or expressions. |
| EXAMPLE | Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE. |
| Example | Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools. |
| Example | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example> | Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system. |
| EXAMPLE | Keys on the keyboard, for example, F2 or ENTER. |

|  |
| --- |
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