**Work and Asset Management, V2.1.0**

**5.6.5.1 Create and Maintain Non-Trackable Assets**

Creation Date: November 23, 2015

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## Brief Description

**Business Process: 5.6.5.1 WAM.v2.1.Create and Maintain Non-Trackable Asset**

**Process Type: Sub-Process**

**Parent Process: 5.6.5 WAM.V2.1.Manage Assets**

**Sibling Processes: 5.6.5.2 WAM.v2.1.Create and Maintain Trackable Assets**

This process gets initiated every time when User identifies a non-trackable asset or component that must be recorded and stored in the WAM application, taken out of service, put into service or retired.

## Business Process Model Page 1



## Business Process Model Page 2



## Detail Business Process Model Description

[**1.0**](#_Business_Process_Model_2) **Evaluate Received Materials**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User evaluates Asset information or received materials to determine if a non-trackable Asset or non-trackable Component is required

**Group: Create Component**

[**1.1.0**](#_Business_Process_Model_2) **Identify Asset Type**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User determines that equipment is a Component and creates Component record by first determining and selecting the Effective Date, appropriate Asset Type and valid Asset ID where the Component is attached.

|  |
| --- |
| Asset ( Component) Type |
| Asset |

**Configuration required (Y/N) Entities to Configure:**

**Group: Create Component**

**Group: Create Asset**

[**1.1.1**](#_Business_Process_Model_2) **Populate Additional Data : Engineering Spec, BOM**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User enters or selects additional data, such as Badge Number, Serial Number and the Engineering Specification and BOM to be associated to the Component or Asset

|  |
| --- |
| BOM, Engineering Specification, Maintenance Specification |

**Configuration required (Y/N) Entities to Configure:**

**Group: Create Component**

[**1.1.2**](#_Business_Process_Model_2) **Identify Asset and Request Attach Component to Asset**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests attach New Component to previously identified Asset

**Group: Create Component**

[**1.1.3**](#_Business_Process_Model_2) **Request Create Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests to create a new Component

**Group: Create Component**

[**1.1.4**](#_Business_Process_Model_2) **Validate Data and Create Asset (Component) in Disposition “Attached”**

A**ctor/Role: WAM**

**Description:** Application validates provided data and creates new component record in disposition “Attached”**.**

|  |
| --- |
| W1-ASTDPNAUD (Asset Current Disposition Validation) |
| W1-ASSETINFO (Asset Information) |
| W1-ASTDPNDEF (Default Asset Disposition) |
| W1-DFASTOWAG (Default Asset Owning Access Group) |
| W1-BDGASTINF (Badged Asset Information) |
| W1-BDGNOVAL (Validate Badge Number) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcComponentRoot |
| W1-IOSvcGeneralComponent |
| W1-IOSvcITComponent |

**Business Object (Y) Business Object**

**Group: Create Asset**

[**1.2.0**](#_Business_Process_Model_2) **Identify Asset, Location Types, Location**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User determines and selects the Effective Date, appropriate Asset Type and Asset Location where the Asset is installed.

|  |
| --- |
| Asset Type |
| Location Type |

**Configuration required (Y/N) Entities to Configure:**

**Group: Create Asset**

[**1.2.1**](#_Business_Process_Model_2) **Request Create Asset**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests to create new Asset after populating all the required data**.**

|  |
| --- |
| Asset Type |
| Location Type |

**Configuration required (Y/N) Entities to Configure:**

**Group: Create Asset**

[**1.2.2**](#_Business_Process_Model_2) **Validate Data and Create Asset in Disposition “In Service”**

A**ctor/Role: WAM**

**Description:** Application validates provided data and creates new asset record in disposition “In Service”**.**

|  |
| --- |
| W1-ASTDPNAUD (Asset Current Disposition Validation) |
| W1-ASSETINFO (Asset Information) |
| W1-ASTDPNDEF (Default Asset Disposition) |
| W1-DFASTOWAG (Default Asset Owning Access Group) |
| W1-BDGASTINF (Badged Asset Information) |
| W1-BDGNOVAL (Validate Badge Number) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcAssetRoot |
| W1-IOSvcFleetAsset |
| W1-IOSvcGeneralAsset |
| W1-IOSvcInfrastructureAsset |
| W1-IOSvcITAsset |

**Business Object (Y) Business Object**

[**1.3**](#_Business_Process_Model_2) **Search for Maintenance Schedule**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User searches for an existing and appropriate Maintenance Schedule

[**1.4**](#_Business_Process_Model_2) **Create PM Schedule 5.6.5.3. WAM v2.1 Manage PM Schedule**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User creates a new Maintenance Specification.

*Note:* Please refer “WAMv2.1Manage PM Schedule” process for details

[**1.5**](#_Business_Process_Model_2) **Select and Link Preventive Maintenance Schedule to Asset or Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User selects the appropriate Maintenance Schedule on the new Asset or Component’s record.

[**1.6**](#_Business_Process_Model_2) **Review Asset or Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User reviews the Asset or Component record to determine if changes are required.

[**1.7**](#_Business_Process_Model_2) **Edit Asset or Component Details**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User modifies Asset or Component record requiring changes

[**1.8**](#_Business_Process_Model_2) **Update Asset or Component**

A**ctor/Role: WAM**

**Description:** WAM updates Asset or Component record(s)

|  |
| --- |
| W1-IOSvcAssetRoot |
| W1-IOSvcFleetAsset |
| W1-IOSvcGeneralAsset |
| W1-IOSvcInfrastructureAsset |
| W1-IOSvcITAsset |
| W1-IOSvcComponentRoot |
| W1-IOSvcGeneralComponent |
| W1-IOSvcITComponent |

**Business Object (Y) Business Object**

[**1.9**](#_Business_Process_Model_1) **Evaluate Asset or Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User reviews and evaluates the Asset or Component to determine if it needs to be taken out of service, put back in Service, reattached( if Component) or Retired.

**Group: Take Out of Service Asset or Component**

[**2.0**](#_Business_Process_Model_1) **Determine New Location**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User selects the new Out of Service Asset Location**.**

**Group: Take Out of Service Asset or Component**

[**2.1**](#_Business_Process_Model_1) **Request Take Asset or Component Out Of Service**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests to take the Asset out of service.

**Group: Take Out of Service Asset or Component**

[**2.2**](#_Business_Process_Model_1) **Validate Data and Update Asset or Component Disposition to “Out of Service”**

A**ctor/Role: WAM**

**Description:** Application updates Asset or Component disposition to “Out of Service”

|  |
| --- |
| W1-ASTMNTMON (Asset Maintenance Monitor) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcAssetRoot |
| W1-IOSvcFleetAsset |
| W1-IOSvcGeneralAsset |
| W1-IOSvcInfrastructureAsset |
| W1-IOSvcITAsset |
| W1-IOSvcComponentRoot |
| W1-IOSvcGeneralComponent |
| W1-IOSvcITComponent |

**Business Object (Y) Business Object**

**Group: Re-Attach Component**

[**2.3**](#_Business_Process_Model_1) **Populate New Asset to Attach Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User selects a new Asset and confirms the Effective Date.

**Group: Re-Attach Component**

[**2.4**](#_Business_Process_Model_1) **Request Attach Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests attach Component.

**Group: Re-Attach Component**

[**2.5**](#_Business_Process_Model_1) **Validate Data and Update Component Disposition to “Attached”**

A**ctor/Role: WAM**

**Description:** Application validates provided data and updates Component disposition to “Attached”

|  |
| --- |
| W1-ASTDPNAUD (Asset Current Disposition Validation) |
| W1-ASSETINFO (Asset Information) |
| W1-ASTDPNDEF (Default Asset Disposition) |
| W1-DFASTOWAG (Default Asset Owning Access Group) |
| W1-BDGASTINF (Badged Asset Information) |
| W1-BDGNOVAL (Validate Badge Number) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcComponentRoot |
| W1-IOSvcGeneralComponent |
| W1-IOSvcITComponent |

**Business Object (Y) Business Object**

**Group: Put In Service Asset**

[**2.6**](#_Business_Process_Model_1) **Populate New Location for Asset**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User decides to put Asset in Service and confirms the Effective Date and selects the Asset Location**.**

**Group: Put In Service Asset**

[**2.7**](#_Business_Process_Model_1) **Request Put in Service Asset**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests to put Asset in service.

**Group: Put In Service Asset**

[**2.8**](#_Business_Process_Model_1) **Validate Data and Update Asset Disposition to “in Service”**

A**ctor/Role: WAM**

**Description:** Application validates provided data and updates Asset record disposition to “in Service”

|  |
| --- |
| W1-ASTDPNAUD (Asset Current Disposition Validation) |
| W1-ASSETINFO (Asset Information) |
| W1-ASTDPNDEF (Default Asset Disposition) |
| W1-DFASTOWAG (Default Asset Owning Access Group) |
| W1-BDGASTINF (Badged Asset Information) |
| W1-BDGNOVAL (Validate Badge Number) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcAssetRoot |
| W1-IOSvcFleetAsset |
| W1-IOSvcGeneralAsset |
| W1-IOSvcInfrastructureAsset |
| W1-IOSvcITAsset |

**Business Object (Y) Business Object**

**Group: Retire Asset or Component**

[**2.9**](#_Business_Process_Model_1) **Populate New Location for Asset or Component**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User decides that Asset or Component should be retired. Authorized User confirms the Effective Date and selects the Storage Location (Storage Location could be virtual)**.**

**Group: Retire Asset or Component**

[**3.0**](#_Business_Process_Model_1) **Request Retire**

A**ctor/Role: WAM Authorized User**

**Description:** Authorized User requests to Retire Asset or Component.

**Group: Retire Asset or Component**

[**3.1**](#_Business_Process_Model_1) **Validate Data and Update Asset or Component Disposition to “Retired”**

A**ctor/Role: WAM**

**Description:** Application updates Asset or Component disposition to ”Retired”.

|  |
| --- |
| W1-ASTMNTMON (Asset Maintenance Monitor) |

**Process Plug-in enabled (Y)**  **Available Algorithm(s):**

|  |
| --- |
| W1-IOSvcAssetRoot |
| W1-IOSvcFleetAsset |
| W1-IOSvcGeneralAsset |
| W1-IOSvcInfrastructureAsset |
| W1-IOSvcITAsset |
| W1-IOSvcComponentRoot |
| W1-IOSvcGeneralComponent |
| W1-IOSvcITComponent |

**Business Object (Y) Business Object**

## Test Documentation related to the Current Process

| ID | Document Name | Test Type |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Document Control

**Change Record**

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
|  |  |  |  |
| 10/9/2015 | Barry DeMartini,  Galina Polonsky | 1.0 | Initial Version |
| 10/9/2015 | Barry DeMartini,  Galina Polonsky | 1.0 | Update Description |
| 08/03/2016 | Srinivas Kanteti |  | Misc updates |
| 08/10/2016 | Galina Polonsky | 1.0 | Reviewed, Approved |

## Attachments

### Non-Trackable Asset



### Non-Trackable Component

