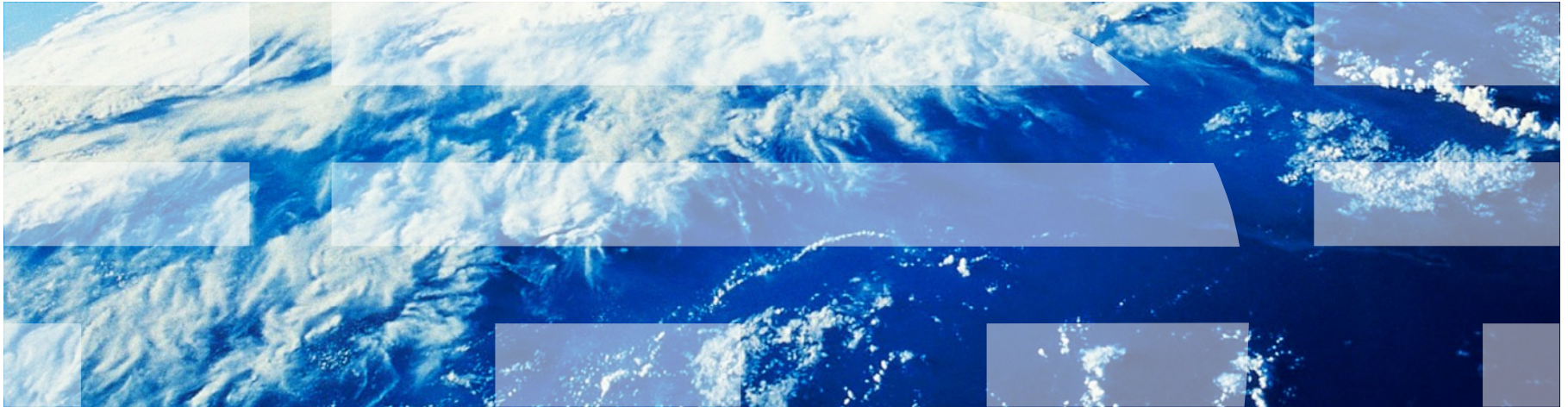


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Assets & Locations – EAM & SCCD Migration Series



Objective

To provide an overview of the Assets and Locations applications in Maximo 7.5 and highlight the features added since Maximo 6



Maximo Applications

- Assets
 - Asset Templates
 - Service Address*
 - Map*
 - Relationships
 - New Work Tab
 - Issue Items from Storeroom
 - Swap Assets
 - Relationship Viewer

- Locations
 - Service Address*
 - Map*

** Available today in Scheduler 7.5.1 and will be available in core in future Maximo release*

Asset Templates

Enables creation of identical assets using a template

The screenshot shows the 'Asset Templates' web application interface. At the top, there is a navigation bar with 'Asset Templates' and a search bar. Below the navigation bar, there are tabs for 'List', 'Asset Template', 'Spare Parts', 'PMS', 'Meters', 'Specifications', and 'Data Sheets'. The 'Asset Template' tab is active, showing a form for creating a new template. The form includes fields for 'Asset Template' (OHC), 'Status' (DRAFT), 'Attachments', and 'Organization' (EAGLENA). The 'Details' section contains fields for 'Asset Description' (Overhead Crane), 'Asset Type' (PRODUCTION), 'Manufacturer' (ABC), 'Vendor', and 'Usage'. The 'Calibration Details' section includes fields for 'Calibration?' (checkbox), 'Model Number', 'M&TE Classification', 'Is Contaminated Description', 'Asset Department', 'Class', 'Internal Calibration?' (radio buttons for Yes/No), 'Is M&TE?' (radio buttons for Yes/No), 'Is Contaminated?' (radio buttons for Yes/No), and 'Operating Range From:' (checkbox), 'To:', 'Units', 'Accuracy EU +', '%Span +', '%URV +', '%Reading', and 'Applied As:'. The text 'Asset Details' and 'Calibration Details' is overlaid in red on the respective sections of the form.

Asset Templates

Identify spare parts in the template

The screenshot shows the IBM Asset Templates application in a Windows Internet Explorer browser. The address bar displays the URL: `http://qarhvm02.swg.usma.ibm.com:7001/maximo/ui/?event=loadapp&value=plusctmplt&uisessionid=166&csrftoken=3820anku8707015unbp6ojhnr8`. The browser's Favorites bar shows 'Asset Templates'. The application header includes 'Asset Templates' and 'Bulletins: (0)'. Below the header is a toolbar with a search field, a 'Select Action' dropdown, and various icons. A navigation menu contains 'List', 'Asset Template', 'Spare Parts', 'PMs', 'Meters', 'Specifications', and 'Data Sheets'. The main content area shows 'Asset Template: OHC' and 'Overhead Crane' in a text input field, with 'Organization: EAGLENA' to the right. Below this is a 'Spare Parts' section with a 'Filter' button and navigation icons. A table displays the spare parts:

Item	Description	Quantity	Remarks
6I-2499	Filter, Primary Air	1.00	
6I-2500	Filter, Secondary Air	1.00	

Asset Templates

Identify Master PMs – Create PMs at the time of creating assets

The screenshot shows the IBM Maximo Asset Templates interface. The browser address bar indicates the URL: `http://qarhvm02.swg.usma.ibm.com:7001/maximo/ui/?event=loadapp&value=plusctmplt&uisessionid=177&csrftoken=b83g3uukurikbqhl8utd5qeo0`. The page title is "Asset Templates".

The interface includes a navigation bar with tabs: List, Asset Template, Spare Parts, **PMs**, Meters, Specifications, and Data Sheets. The "PMs" tab is active.

Form fields include:

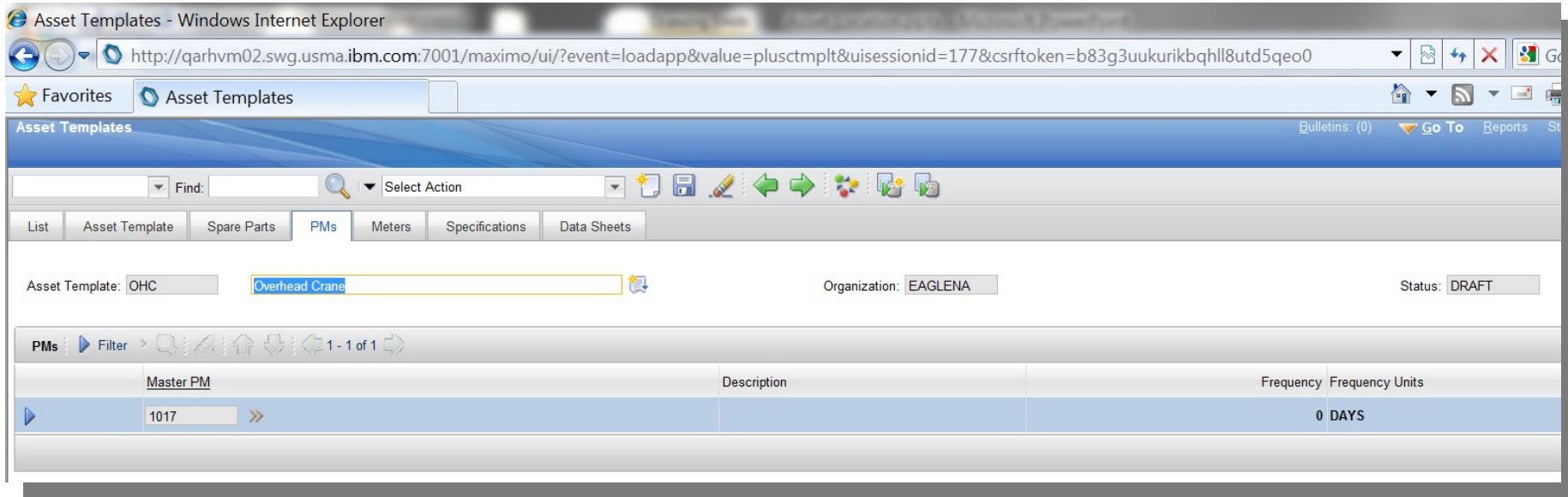
- Asset Template: OHC
- Overhead Crane (input field)
- Organization: EAGLENA
- Status: DRAFT

Below the form is a table titled "PMs" with a "Filter" button and navigation icons. The table contains one entry:

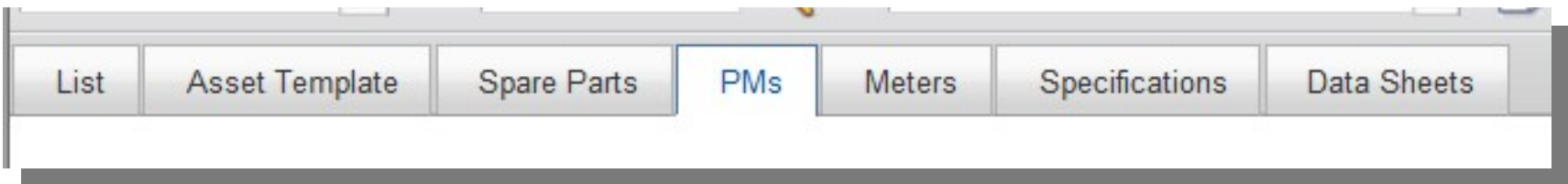
Master PM	Description	Frequency	Frequency Units
1017			0 DAYS

Asset Templates

Identify Master PMs – Create PMs at the time of creating assets



Meters, Specifications & Data Sheets



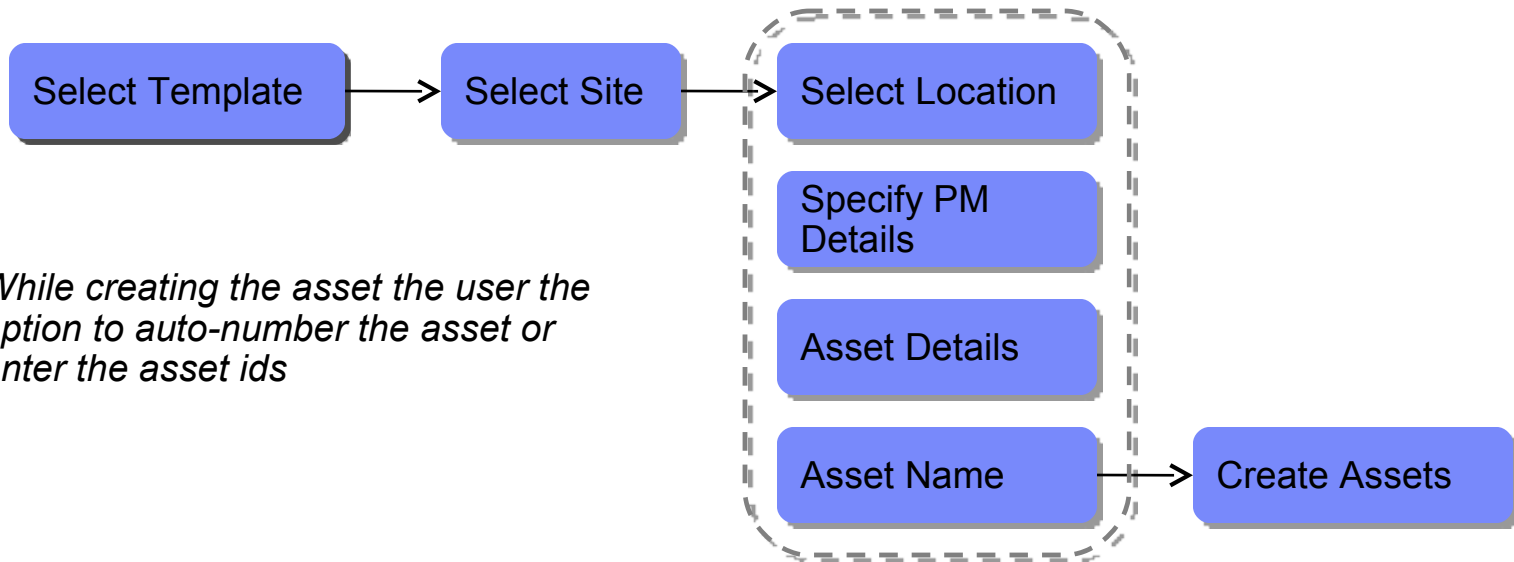
Asset Templates - Actions

Status Enabled



Draft, Active & Inactive

Generate New Assets



While creating the asset the user the option to auto-number the asset or enter the asset ids

Generate New Assets

Generate New Assets

Site:

Use the Default Asset Table Data section to set default values for new rows inserted in the Assets table window. To generate a series of asset numbers, use the Generate Asset Numbers section below.

Default Asset Table Data

Location: Serial #:

Status: Installation Date: PM Start Date: PM Storeroom:

Generate Asset Numbers

* Quantity: Starting Asset #: Prefix: Suffix:

Assets Filter > 0 - 0 of 0 Download

Asset	Location	Status	Serial #	Installation Date
...No rows to display...				

Asset Templates - Actions

Apply templates to existing Assets

Apply to Existing Assets

Site:

Use the Default Asset Table Data section to set default values for new rows inserted in the Assets table window.
Existing data will be overwritten when the template is applied.

Default Asset Table Data

Location: Serial #: PM Start Date:

Status: Installation Date: PM Storeroom:

Assets Filter > 1 - 4 of 4

Download

Asset	Location	Status	Serial #	Installation Date
11300	<input type="text" value="BOILER"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13170	<input type="text" value="BOILER"/>			<input type="text"/>
13160	<input type="text" value="BOILER"/>			<input type="text"/>
13150	<input type="text" value="BOILER"/>			<input type="text"/>

Existing Assets

Select Assets

New Row

Asset Templates - Actions

View Asset Template Usage

View Asset Template Usage

Filter > 1 - 10 of 10 Download

Asset	Site	Changed Date	Changed By	Created?	Modified?
11300	BEDFORD	9/12/12	WILSON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13150	BEDFORD	9/12/12	WILSON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13160	BEDFORD	9/12/12	WILSON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13170	BEDFORD	9/12/12	WILSON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2112A	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2113AS	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2114	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2115	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2116	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2117	BEDFORD	9/12/12	WILSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Service Address and Maps

New Service Address application

Service Address and Map tabs on:

- Locations
- Assets
- Work Order (Activity, Change, Release)
- Service Requests (Incident, Problem)

Map tab added to:

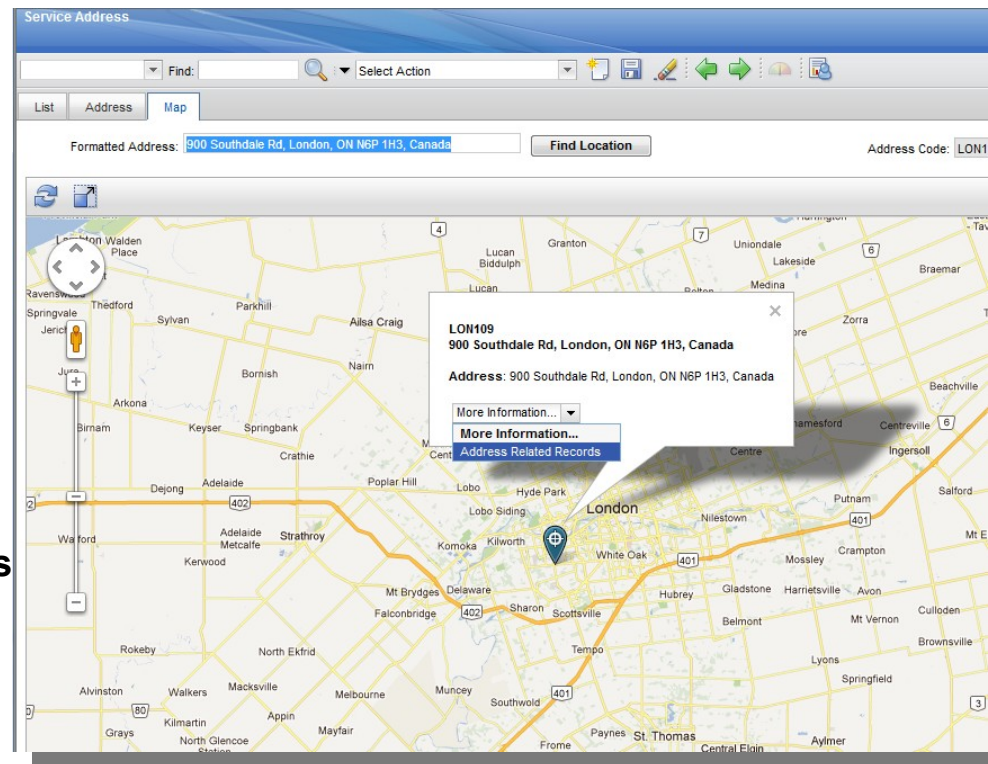
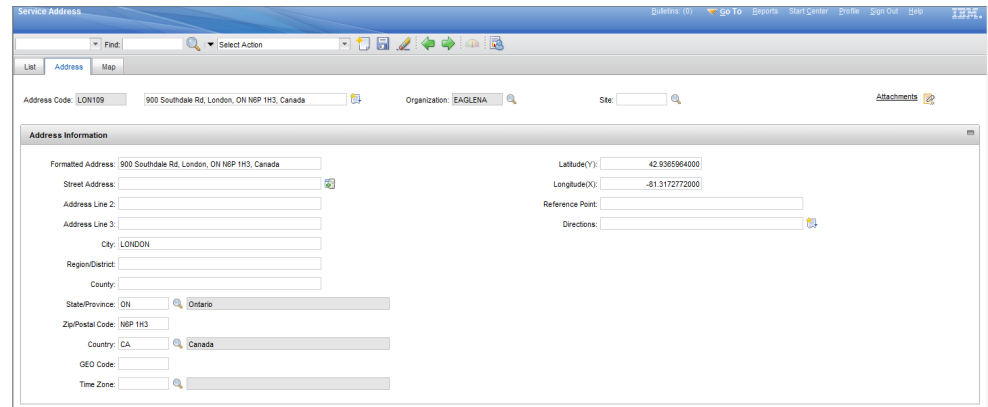
- Labor
- Crews

Start and End Location can be defined

New Map Manager application

- Define map provider
- Define map tips
- Define menu items (More Information)

Locations – action Manage Systems identifies Address System which derives a service address by using a location hierarchy.



Relationships

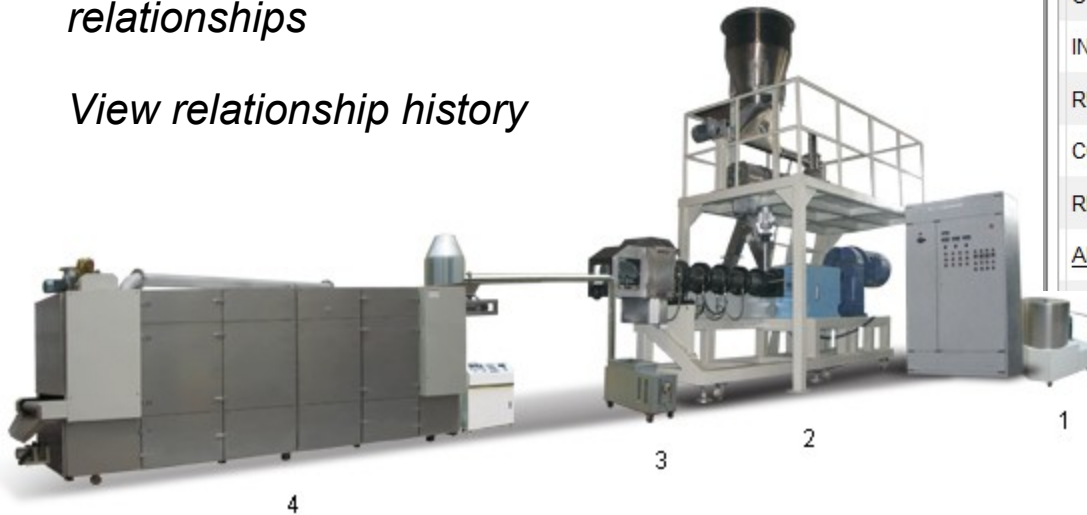
Enables associating assets that are not necessarily parent-child

can relate assets that are in a process line

relationships are user defined

Relationship application to define the relationships

View relationship history

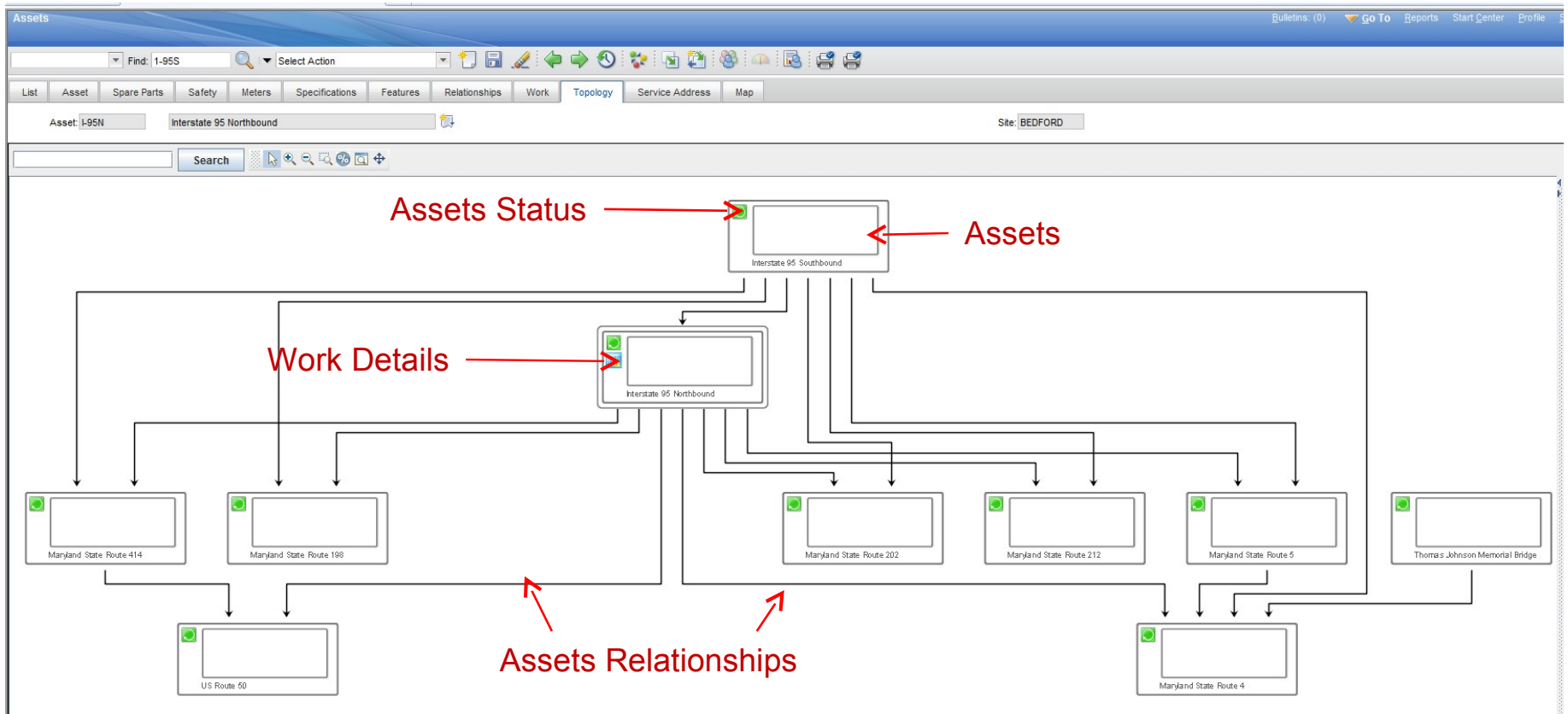


Relationship	Description
<input type="text"/>	
INCLUDES	This is the container relationship for assets
CONNECTS	Source is connected to the Target
INSTALON	Installed On
RUNSON	Runs On
CONTAINS	Contains
RELATES	Relates
<u>AFFECTS</u>	Affects

Picture Source: Jinan Dayi Extrusion Machinery Co., Ltd.

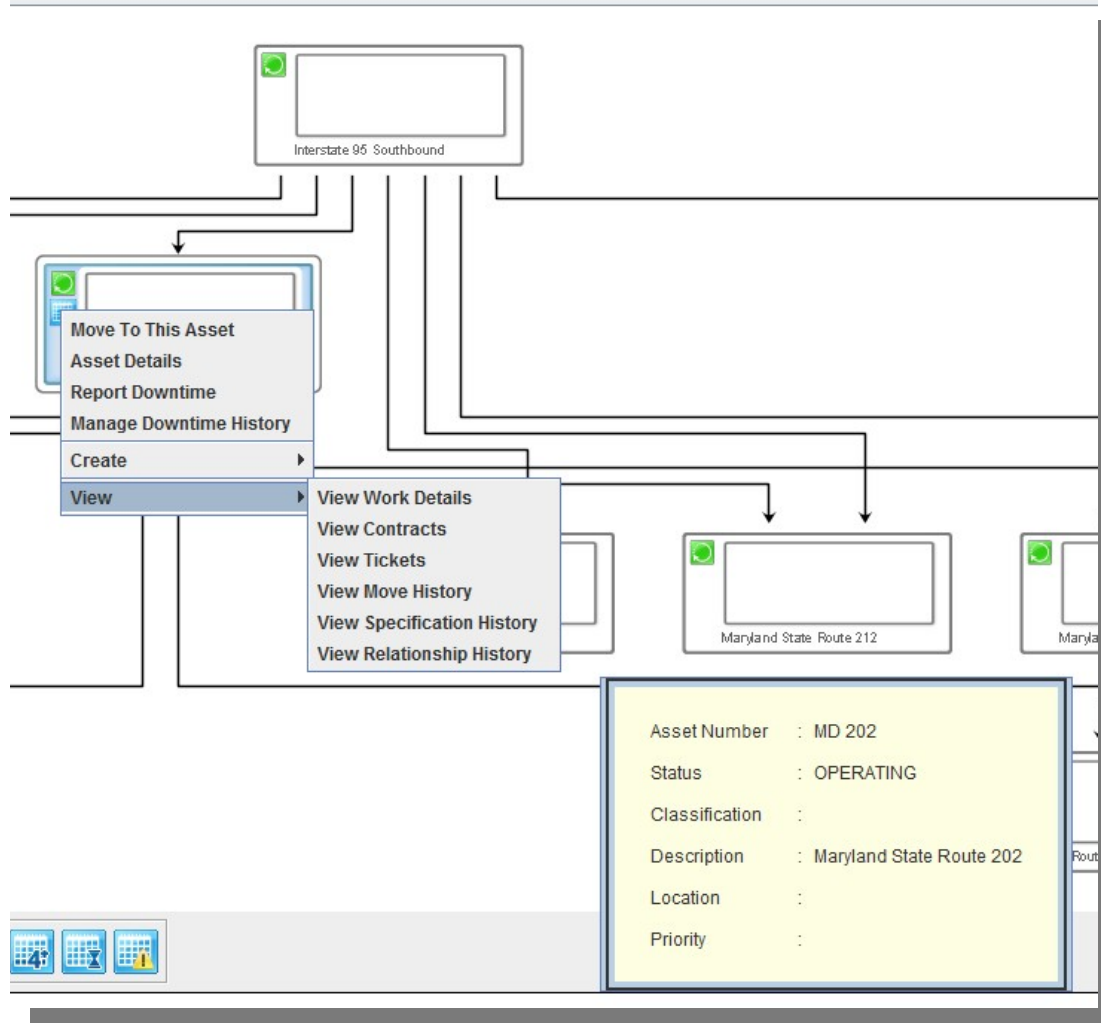
Topology Viewer

Enables the user to view asset relationships graphically



Topology Viewer

Enables the user to perform asset related actions



Overview

Filter

Breadth

2

Relationships

- ALL
- PARALLEL
- CARRIES
- INTERSECTS

Classifications

- ALL
- ROAD

Work tab

Enables the user to view open work orders and tickets

List Asset Spare Parts Safety Meters Specifications Features Relationships Work Topology Service Address Map

Asset:
Site:

? View Work Orders and Tickets that are open for this asset. Additional details are available in Work Details.

Work Orders Tickets

Work Orders Filter > 1 - 7 of 7

Work Order	Description	Status	Status Date	Target Start
1146 »	Patching near MP 20	WAPPR	2/9/08 11:40 AM	
1167 »	Supervisor Monthly Driving Inspection	WSCH	2/17/11 9:46 AM	2/28/11 12:00 AM
1168 »	Mowing	WAPPR	2/17/11 10:02 AM	
1169 »	Mowing	WAPPR	2/17/11 10:03 AM	
1170 »	Annual Condition Assessment	WAPPR	2/17/11 10:04 AM	
1172 »	Patching near MP 30	WAPPR	2/17/11 10:05 AM	
1173 »	Patching near MP 80	WAPPR	2/17/11 10:05 AM	

Work tab – View Work Details

View Work Details

Asset:

Include Children?

Include Ancestors?

[Refresh](#)

[Work](#) [Preventive Maintenance](#) [Routes](#) [Collections](#)

Work Filter > 1 - 10 of 11

Download

<input type="checkbox"/> Record	Class	Status	Reported Date	Target Start Date	Description	Priority	History?	Is Task?
<input type="checkbox"/>	>>						N	N
<input checked="" type="checkbox"/> 1168	>> WORKORDER	WAPPR	2/17/11 9:59 AM		Mowing		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1169	>> WORKORDER	WAPPR	2/17/11 10:03 AM		Mowing		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1170	>> WORKORDER	WAPPR	2/17/11 10:04 AM		Annual Condition Assessment		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1172	>> WORKORDER	WAPPR	2/17/11 10:05 AM		Patching near MP 30		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1173	>> WORKORDER	WAPPR	2/17/11 10:05 AM		Patching near MP 80		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1145	>> SR	INPROG	2/9/08 11:27 AM		Huge pothole in the right lane just after the intersection		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1146	>> WORKORDER	WAPPR	2/9/08 11:40 AM		Patching near MP 20		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1146	>> SR	NEW	3/16/08 11:26 PM		Pothole in the left lane		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1167	>> WORKORDER	WSCH	2/17/11 9:46 AM	2/28/11 12:00 AM	Supervisor Monthly Driving Inspection		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1149	>> SR	NEW	2/17/11 10:10 AM		Dead deer on the side of the road		<input type="checkbox"/>	<input type="checkbox"/>

Issue Items from Storeroom

Issue Items from Storeroom

Asset: 13160

Location: BOILER

Enables the user to issue item(s) to the current asset from an storeroom

Associated Items Filter 1 - 1 of 1 Download

Item	Description	Storeroom	Bin	Lot	Condition C
>>					

Details

* Item: >>	* Site: BEDFORD
Storeroom: >>	Rotating Asset: >>
Quantity: <input type="text" value="1.00"/>	Lot: <input type="text"/>
Bin: <input type="text"/>	GL Credit Account: <input type="text"/>
GL Debit Account: <input type="text"/>	* Transaction Type: ISSUE
Condition Code: <input type="text"/>	Issued To: >>
* Actual Date: 9/13/12 12:09 AM	
Work Order: >>	

Default Table Data

Storeroom: >>	Site: BEDFORD >>
---------------	------------------------------------------------------------------

Swap Assets

Enables the user to replace a defective component in a sub-assembly by moving the defective component to a repair location and installing the new component in a single transaction

Swap Assets

To complete an asset swap, make sure the asset to be swapped out is listed in the Asset field. Use the Replacing Asset field to specify the asset to be swapped in. Specify a new location for the swapped out asset in the To Location field.

Assets Filter > 1 - 1 of 1 Download

Asset	Description	Parent	Location	To Location	Replacing Asset
12210	Brake System- Overhead Crane #1	12200	SHIPPING		11210A

Select More Assets

OK Cancel

Defective

Move the
Defective to this
location (repair)

New

Even though the swap is done in a single transaction in the UI, two asset move transactions are written in the database (one for the defective and the other for the new component)

Locations – Service Address and Maps

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