



# Enterprise SMS Update



# Collection of Available Information

## ESMS Training

- Contracted Training Development

## Fall Summit - ESMS Development Update

- Paisley Mahern

## Fall Summit – ESMS Utilities Update

- Mike Grussing and Matt Walters

## Fall Summit – ESMS Fuels Update

- Joe Karbarz

## Fall Summit – Waterfront Structures

- James Allen and Rhoda Brucker





# Online Training

The screenshot shows a web browser window displaying a course page. The browser's address bar shows the URL: training.sms.erd.c.dren.mil/course/view.php?id=11#section-4. The page title is "SMS - Learning Management System" and the user is identified as "Kurt Sorensen". The main heading is "Enterprise SMS (ESMS)" with a breadcrumb trail: "Dashboard / My courses / Enterprise SMS (ESMS)". A left-hand navigation menu includes "Navigation", "Dashboard", "Site home", "Site pages", "My courses", "Enterprise SMS (ESMS)" (selected), "Participants", "Badges", "Competencies", "Grades", and "Course Description:". The main content area is titled "Course Description:" and includes a "Your progress" indicator. The description text states: "Provides a broad overview of the Enterprise Sustainment Management System (ESMS). This course is open for Self-Enrollment and Manual Enrollment only. No Guest Access. Only those who have a registered login on the LMS and are enrolled in a course by Self-Enrollment or have been Manually Enrolled by an instructor will have their progress tracked for the course by the system. Certificates of Completion are only accessible to enrolled users who have successfully completed the requirements for any particular certificate. To Self-Enroll in this course select 'Enrol me in this course' from the Administration Box on the lower left side of the Dashboard."

# Fall Summit Virtual Presentation

## ESMS Development Update and Demonstration

**Presenters:**

Paisley Mahern – SMS TCX

**Description:**

In this presentation, Paisley Mahern of the SMS TCX provides an overview of the work that has been completed in the development of the ESMS Platform and demonstrates current capabilities.



[ESMS Development Update and Demonstration - Video Presentation](#)

# Fall Summit Virtual Presentation

## ESMS Utilities Update

**Presenters:**

Mike Grussing and Matthew Walters – SMS TCX

**Description:**

In this presentation, Michael Grussing and Matt Walters of the SMS TCX provide an overview of the work that has been completed in the development of the Utilities SMS domain and the ESMS platform.



[ESMS Utilities Update - Video Presentation](#)



[ESMS Utilities Update - Slides](#)

# Fall Summit Virtual Presentation

## ESMS Fuels Update

**Presenters:**

Joseph Karbarz – SMS TCX

**Description:**

In this presentation, Joseph Karbarz of the SMS TCX provide an overview of the work that has been completed in the development of the Fuels SMS domain and the ESMS platform.



[ESMS Fuels Update - Video Presentation](#)



[ESMS Fuels Update - Slides](#)

# Fall Summit Virtual Presentation

## Water Control Structures and Waterfront SMS Update

**Presenters:**

James Allen and Rhoda Brucker – SMS TCX

**Description:**

In this presentation, Jim Allen and Rhoda Brucker of the SMS TCX provide an overview of the work that has been completed in the development of the Water Control Structures SMS domain that will be implemented using the ESMS platform. They will discuss the methodologies employed to date as well as covering existing challenges and next steps in this domain area.



[Water Control Structures Domain - Video Presentation](#)



[Water Control Structures Domain - Slides](#)

# Shared Platform

## Enterprise SMS Capabilities - Current

### System-wide Capabilities

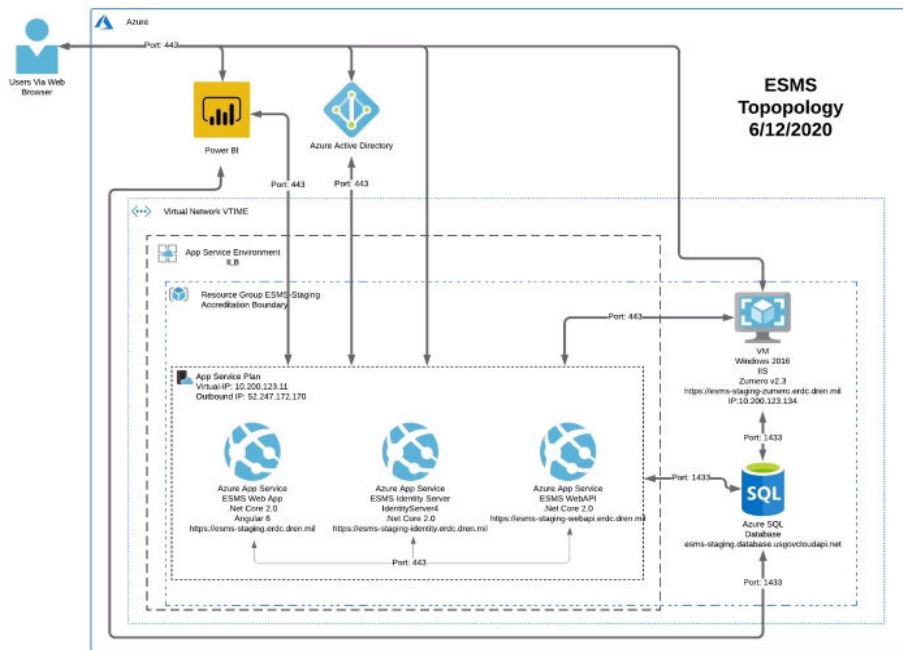
- Web Application
- Desktop/Tablet Application
- Role-based Permissions Model
- 'Team' Model for Assessment/Project Team Authorization
- Core data structure for storing multiple infrastructure domain Inventory data
- Direct Rating Assessments (G/A/R)
- Condition Projection (CI)
- Functional Assessment (FI)
- Long Range Work Planning
- PowerBI Integration
- Electronic Import of GIS data from ArcGIS Server
- Map/GIS Displays
- Component Catalog Management (Uniformat II, etc.)
- Document/Image Management

### Domain Specific Efforts:

Buildings	Utilities	Fuels	Rail	Pavements	Dams/Levees
<ul style="list-style-type: none"> <li>• Electronic Import of Inventory/Assessment data from BUILDER to ESMS</li> </ul>	<ul style="list-style-type: none"> <li>• Initial Component Catalog for Water, Electrical, Gas, Thermal, Sewer and Storm</li> <li>• Inventory/Assessment population based on import from GIS database</li> <li>• Inventory population via import of GIS data from ArcGIS Server</li> </ul>	<ul style="list-style-type: none"> <li>• DLA Project Planning Study capability</li> <li>• Functional Assessments</li> <li>• Deficiency-based work plan generation</li> <li>• Deficiency-based FCJ calculation</li> <li>• Automated Assessment Workflow Process</li> </ul>	<ul style="list-style-type: none"> <li>• Import of RAILER databases for viewing rail data alongside other SMS domains</li> <li>• Legacy RAILER desktop capabilities migrated to ESMS platform</li> </ul>	<ul style="list-style-type: none"> <li>• Import of E70 file for viewing pavement data alongside other SMS domains</li> </ul>	<ul style="list-style-type: none"> <li>• Initial Inventory catalog creation to capture water retention</li> </ul>



# System Architecture: Azure Cloud





# Hierarchy Update

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- No more Systems, Components, Sections strict hierarchy
- Inventory are Components within a Facility
  - Not “Section”
- Introducing “Groups”
  - Multiple groups possible (zone, floor, system, maintenance group)



# Login: Demo

The screenshot shows the login interface for the Enterprise SMS system. The page has a blue header with "Enterprise SMS" on the left and "Announcements" on the right. The main content area features a blurred background image of a construction site. In the center, there is a white login form with two tabs: "Password" (selected) and "CAC". The form includes fields for "Username" and "Password", and a blue "Login" button. To the right of the form, the text "Enterprise Sustainment Management System" is displayed in a large, white font. At the bottom of the page, a blue footer contains the text "BUILDINGS | PAVEMENTS | UTILITIES | RAILS | FUELS".



# User Management

A screenshot of the Enterprise SMS Security Editor web application. The browser address bar shows the URL: https://esms-staging.erc.dren.mil/sms/site/N5k7BpUfgEmuWgoMzMXBTQ/domain/2.3.4/securitymanagement/roles. The page title is "Security Editor" and the breadcrumb is "Enterprise SMS". The interface is split into two main sections: a left-hand navigation pane and a main content area titled "Role Details".  
  
The left-hand navigation pane has two tabs: "Users" and "Roles". Under "Roles", a list of roles is shown, including Administrator, AIPermissions (which is selected and highlighted in blue), Assessor, Assessor Lead, DLA Energy, Inventorier, MCA Inventorier, test, Work Planner, WorkflowRole, and WorkplanRole.  
  
The "Role Details" section shows the configuration for the "AIPermissions" role. It includes a "Name" field with the value "AIPermissions". Below this, there are two category sections: "General Access" and "Administrative". Each category contains several fields with dropdown menus:  

- Organization: None
- Installation: None
- Site: None
- Inventory: Delete
- Work Plans: Local
- Condition Assessments: Create
- Functional Assessments: Delete
- Reference Books: None
- User Accounts: None

  
At the bottom right of the "Role Details" section, there is a blue "Save" button. The browser's status bar at the bottom shows a volume icon, a timer at 99:32, and a page number of -29/52.



# Invite People

The screenshot shows the 'Enterprise SMS' web interface. The main content area is titled 'Organizations' and has tabs for 'General', 'Teams', and 'Roles'. The 'Teams' tab is active, showing a list of organizations on the left and a 'Team Details' panel on the right. The team selected is 'DLA Work Planners' under the 'DLA' organization.

The 'Team Details' panel includes the following information:

- Organization: DLA
- Name: DLA Work Planners
- Invitations table:

Link	Uses	
<a href="#">NPKGakGcIe9P2W0770Hj</a>	7	[X]
<a href="#">MooTee79KMcUz_ApKJ-MA</a>	5	[X]

Below the table, there are buttons for 'Members' and 'Workspace', each with a plus sign and a '1' icon. A 'Save' button is located at the bottom right of the panel.



# Teams

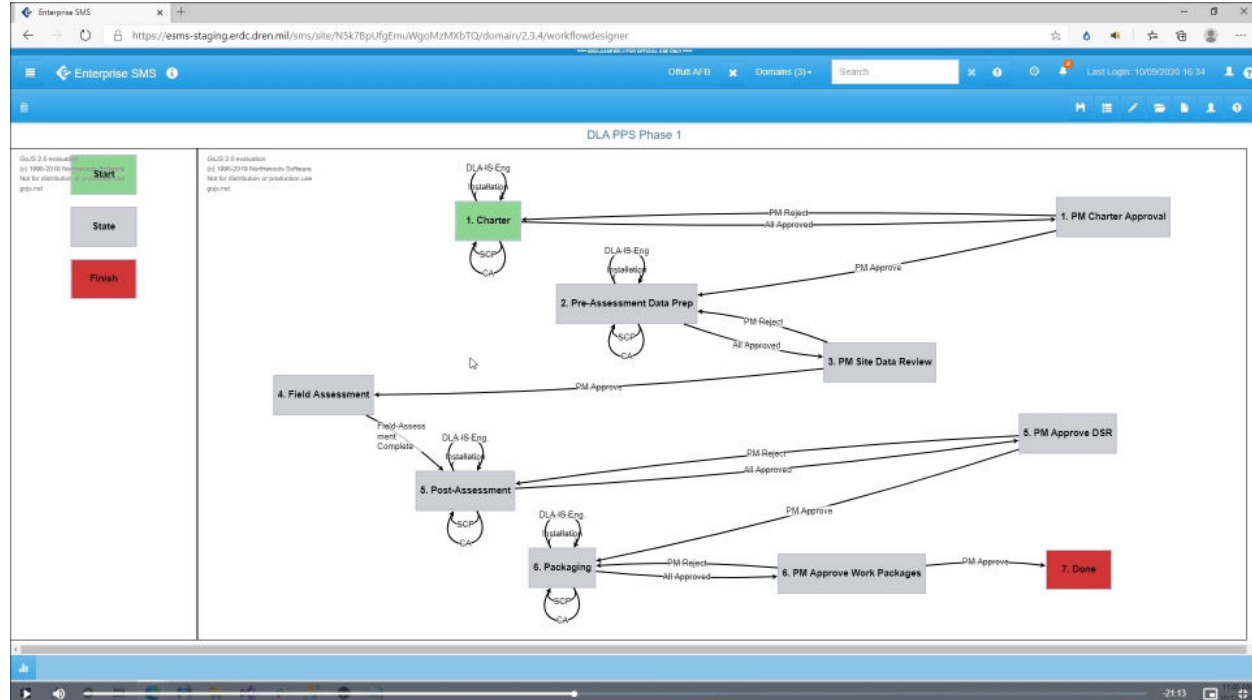
The screenshot shows the Enterprise SMS web application interface. A modal window titled "Team Workspace" is open, displaying a list of organizational entities:

- Organizations: 1
- Sites: 1
- Groups: 0


Buttons for "Add Group Role" and "Close" are visible in the modal. The background interface includes a search bar for organizations, a list of active organizations (Marine Corps Active, DLA), and a "Teams" tab. A table on the right shows "Uses" with values 7 and 5, and buttons for "Members Edit" and "Workspace Edit".



# Workflow



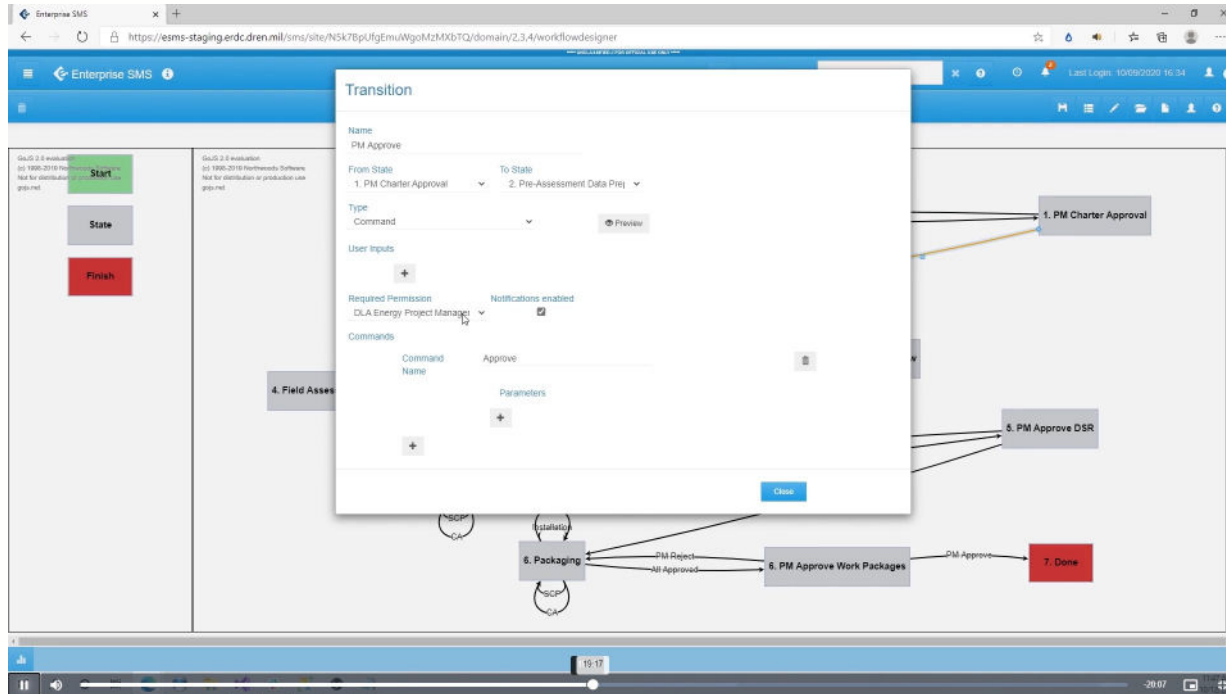
# Types of Workflow Plans

	Category of Facility Condition Assessment					
	Comprehensive	Modified	Operational	Direct Rating	Desk Audit	Revalidation
Description	A "fence to fence" review of all assets	Includes assets not subject to scheduled inspections (e.g. CMP)	Review of mission specific assets and capabilities	Functional evaluation of the performance of assets	Guided review of known site deficiencies	Validation of requirements addressed from previous studies
Application Criteria	For a newly constructed or recently capitalized site	For Service-strategic assets and locations	At request of Service	For establishing the general condition of operations at a site	For Facility Management Plan development or Project Programming	For sites with legacy inspections or modified without SRM project
User	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer or other capable Fuels personnel	DoD Fuel SME/Engineer or DLA E SRM PM	DoD Fuel SME/Engineer or DLA E SRM PM
Frequency	1x per Application Criteria	Cyclical	As Requested by Site	As Needed	1x per previous study, then as needed	1x per previous study, then as needed
Evaluation Parameters	DoD Design Criteria, Environmental, Operational, Functional	Environmental, Operational, and Functional	Environmental, Operational, and Functional	Functional	Regulatory, Environmental, Operational, and Functional	Regulatory, Environmental, Operational, and Functional
Outcome	Deficiency list for all assets, includes DoD design deficiencies	Deficiency list for select assets only	Mission specific deficiency list	Functional requirements list	Facility Management Plan development, deficiency data warehousing	Validation of known deficiencies and execution of previous work
Test Sites	Location: Camp Humphreys, Korea Date: Q2-3	Location: Sunny Point, NC Date: Q2	Location: TBD Date: Q3-4	Location: All Date: Q2-4	Location: Red Hill (ongoing) Date: Q2-4	Location: Korea Army Sites Date: Q2-3



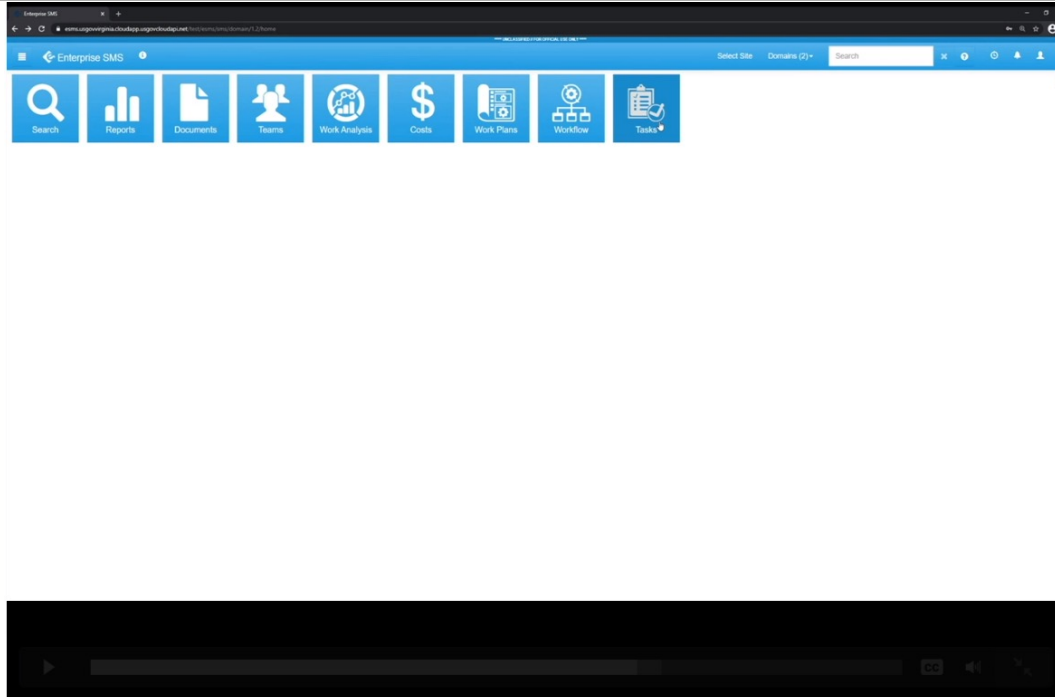


# Approval Process Flow





# Tasks





# Work Plan Charter step

The screenshot shows the "Charter" form in the Enterprise SMS application. The form is titled "Charter" and has a "State: 1 Charter" indicator. The form is divided into several sections:

- Details:** Includes fields for Name (Web Demo Work Plan), Site (Test Site 7 - Offutt AFB), Domain (Fuels), Scheme (DLA PPS Phase 1), Pre Assessment Template (Fuels Pre-Assessment Template), and Field Assessment Template (Fuels Assessment Template).
- Assets:** Includes a Project Charter text area (This is for the web demo), Budget (\$ 100000.00), Planned Assessment Date (10/12/2020), and Date Created (2020-10-12).
- Groups:** Includes a list of Plan Permissions: DLA Energy Project Manager (paisley.mahem), Service Control Point (SCP) (paisley.mahem), Construction Agent PDT (paisley.mahem), DLA IS Engineer (paisley.mahem), and Installation (paisley.mahem).
- Pre-Assessment Team:** Includes a Created By field (paisley.mahem).

The form also includes an "Edit" button and "Delete" and "Save" buttons at the bottom right.



# Pre-Assessment

## Desktop exercise

- Validate real property
- Review job orders
- Answer questions

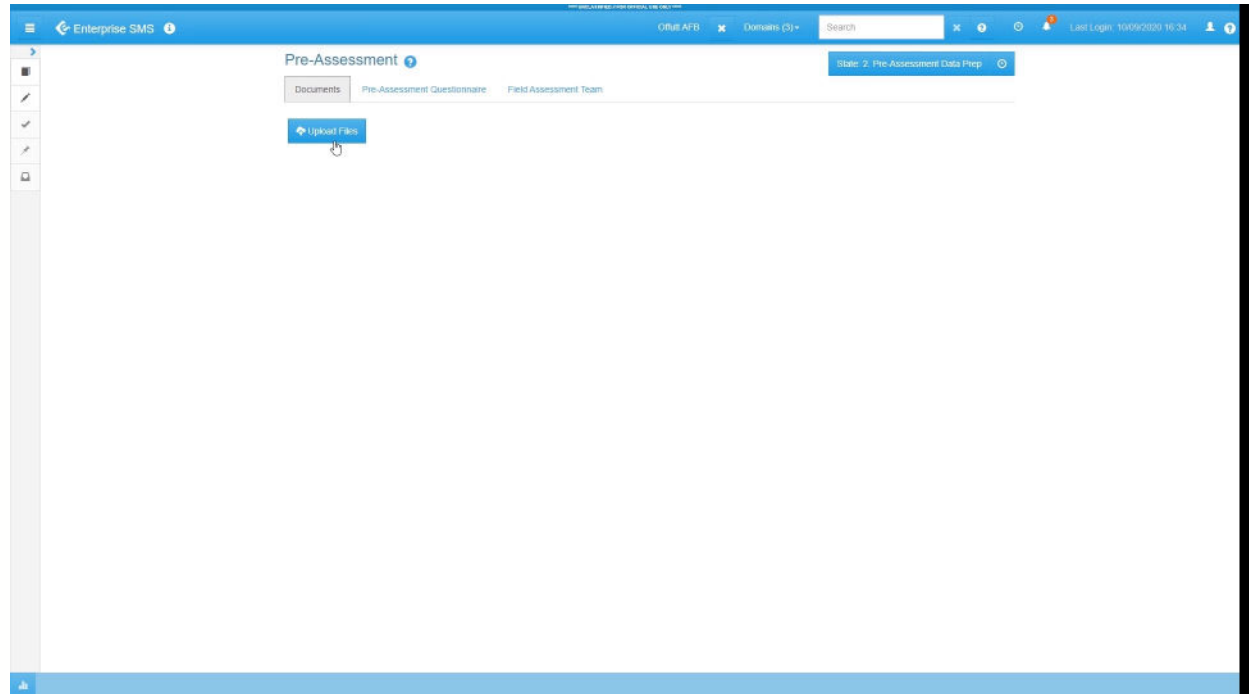
A screenshot of the Enterprise SMS software interface. The browser address bar shows "Enterprise SMS" and the user is logged in as "ORR AFB" with "Documents (3)" open. The page title is "Pre-Assessment" and the current document is "Pre-Assessment Questionnaire" for the "Field Assessment Team". A status bar at the top right indicates "(State: 2: Pre-Assessment Data Prep)". Below the header, there are five filterable columns: Facility, Component, Type, Question, and Answer. Each column has a dropdown arrow and a "Filter" button. The main content area is currently empty, displaying "No Results Found".



# Pre-Assessment

## Document Management

- Upload drawings





# Assessment Team Management

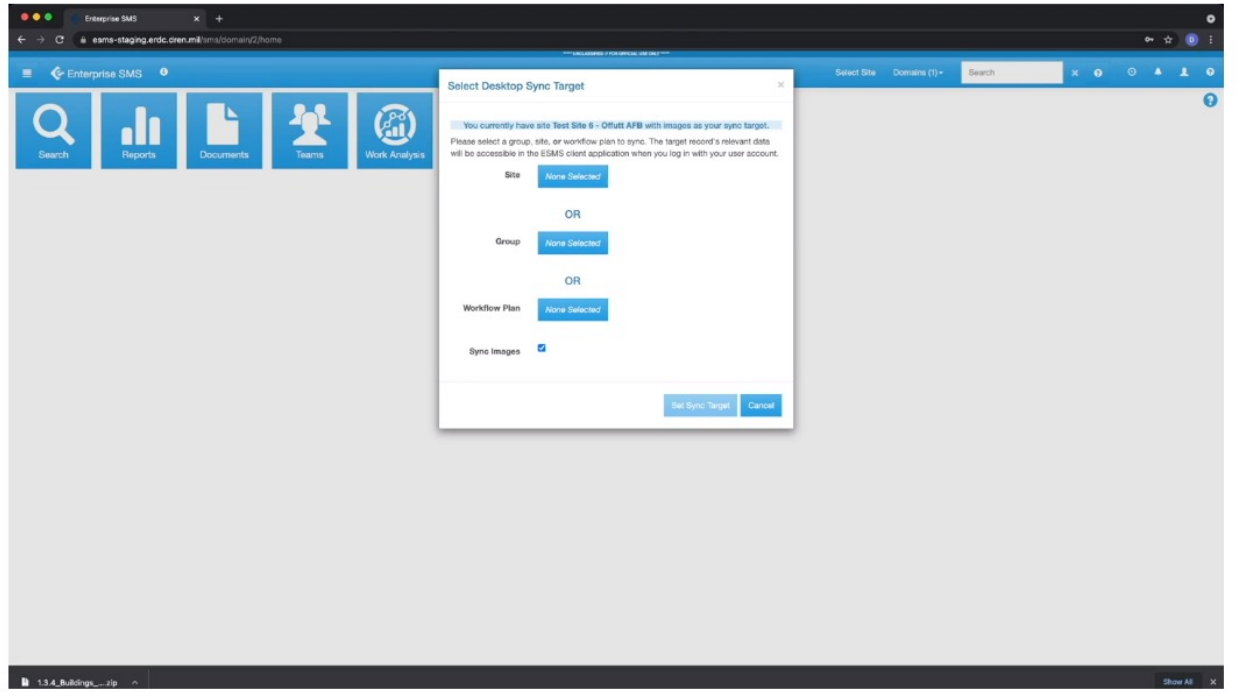
## Roles

The screenshot displays the "Pre-Assessment" interface in the Enterprise SMS application. The page title is "Pre-Assessment" and it includes tabs for "Documents", "Pre-Assessment Questionnaire", and "Field Assessment Team". A table is shown with the following columns: "Assessor", "Allow Full Desktop", "Remove", and "Manage Disciplines". The table currently contains no data, with the text "No Results Found" displayed below it. A dropdown menu is open over the table, showing a list of roles: "CA", "SCP", "Installation", and "DLA IS Eng". Each role has two buttons: "Approve" and "Reject". The interface also shows a search bar, user information, and a footer with the text "ESMS Development Update and Demonstration - Video Presentation".

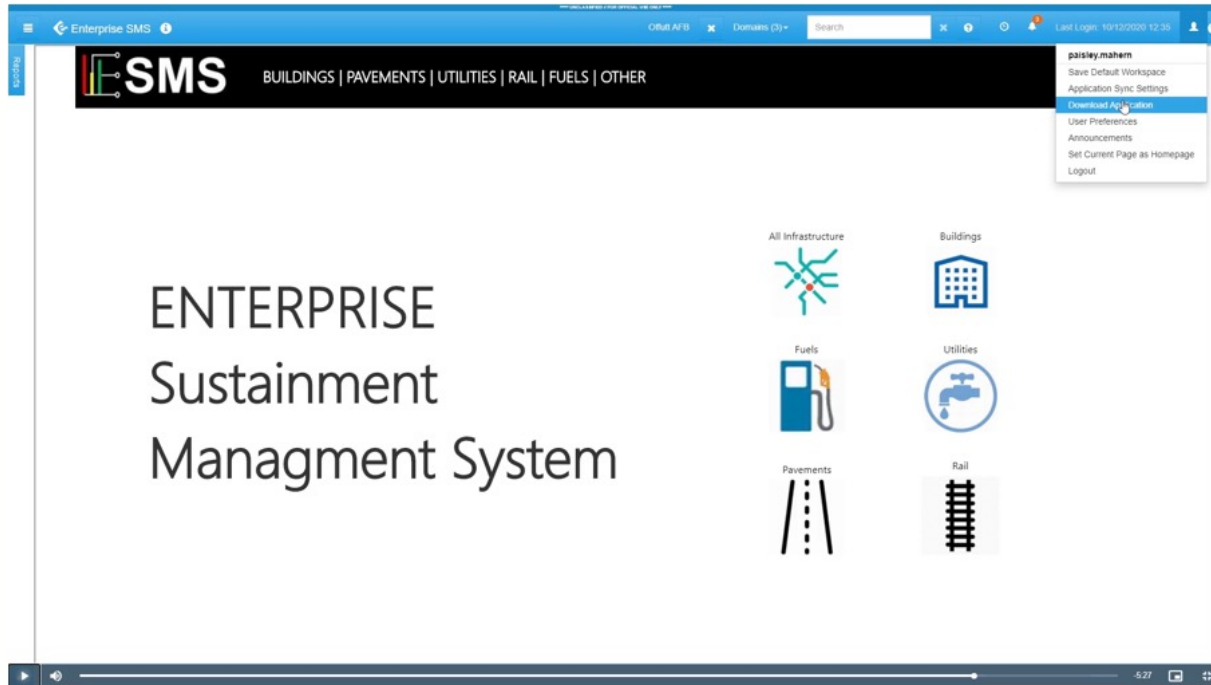


# Desktop Application (Data Entry Application)

Set a Sync Target



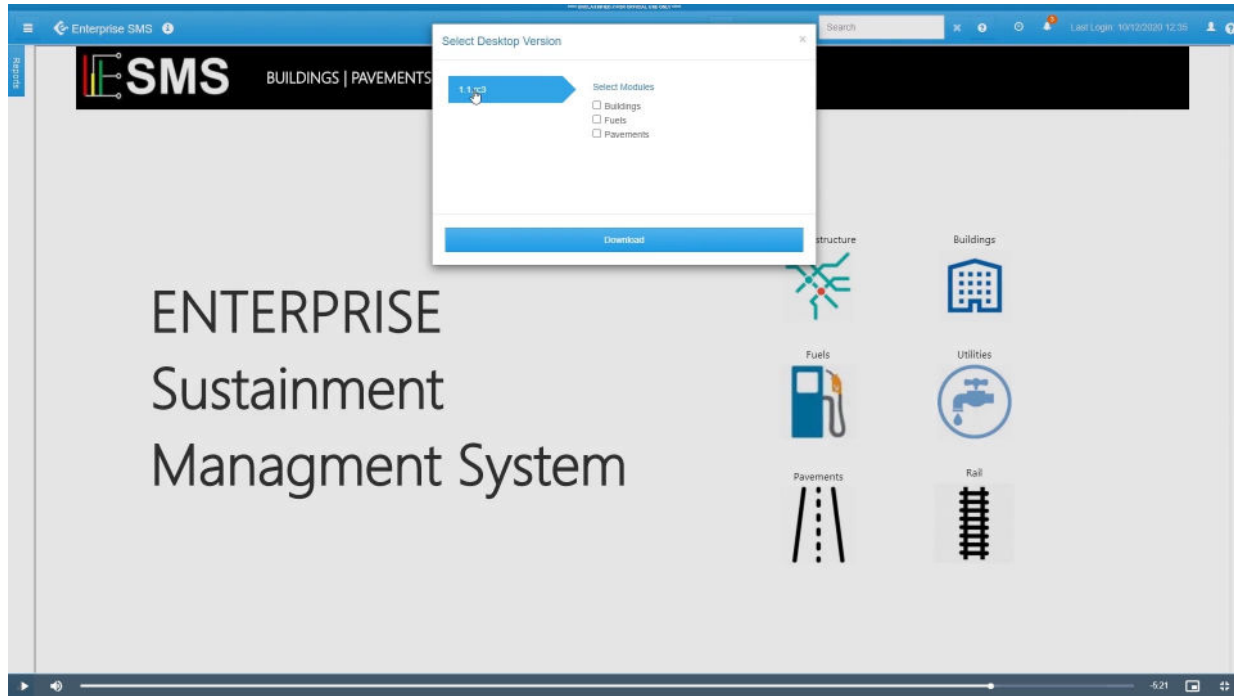
# Download from the web-application



The screenshot shows a web browser window displaying the Enterprise SMS (Sustainment Management System) interface. The browser's address bar shows "Enterprise SMS" and the user is logged in as "gaisley.mahem". The interface features a dark header with the "SMS" logo and navigation links for "BUILDINGS | PAVEMENTS | UTILITIES | RAIL | FUELS | OTHER". A user menu is open in the top right corner, listing options such as "Save Default Workspace", "Application Sync Settings", "Download Application", "User Preferences", "Announcements", "Set Current Page as Homepage", and "Logout". The main content area displays the text "ENTERPRISE Sustainment Managment System" and six category icons: "All Infrastructure", "Buildings", "Fuels", "Utilities", "Pavements", and "Rail".



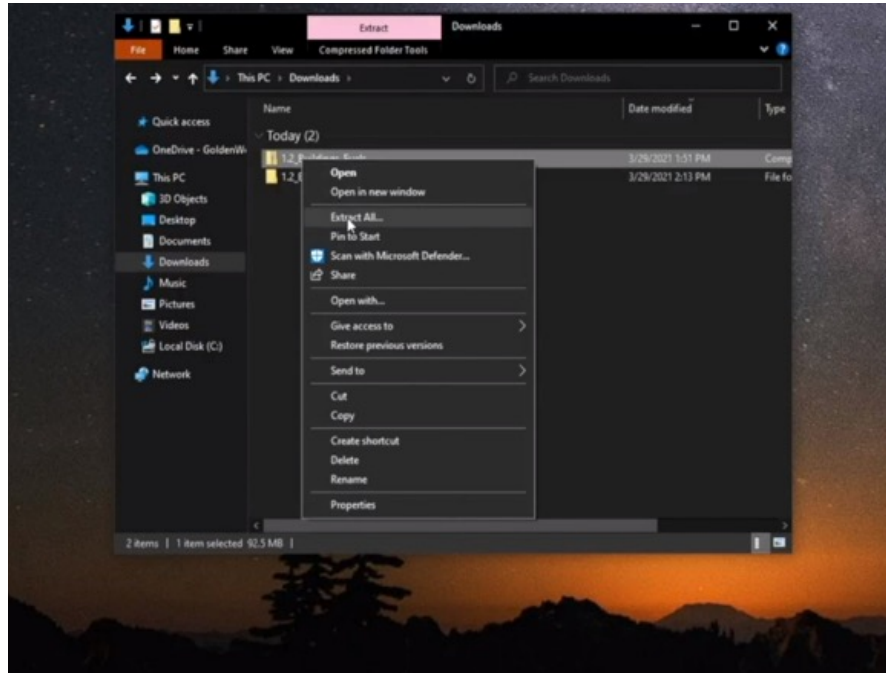
# Identify the Modules to include



The screenshot displays the Enterprise SMS web application interface. A dialog box titled "Select Desktop Version" is open, showing a version selection arrow pointing to "1.1.1" and a "Download" button. The dialog also contains a "Select Modules" section with three checkboxes: "Buildings", "Fuels", and "Pavements". The background interface features the "Enterprise SMS BUILDINGS | PAVEMENTS" header, the text "ENTERPRISE Sustainment Management System", and a grid of module icons: Structure, Buildings, Fuels, Utilities, Pavements, and Rail.

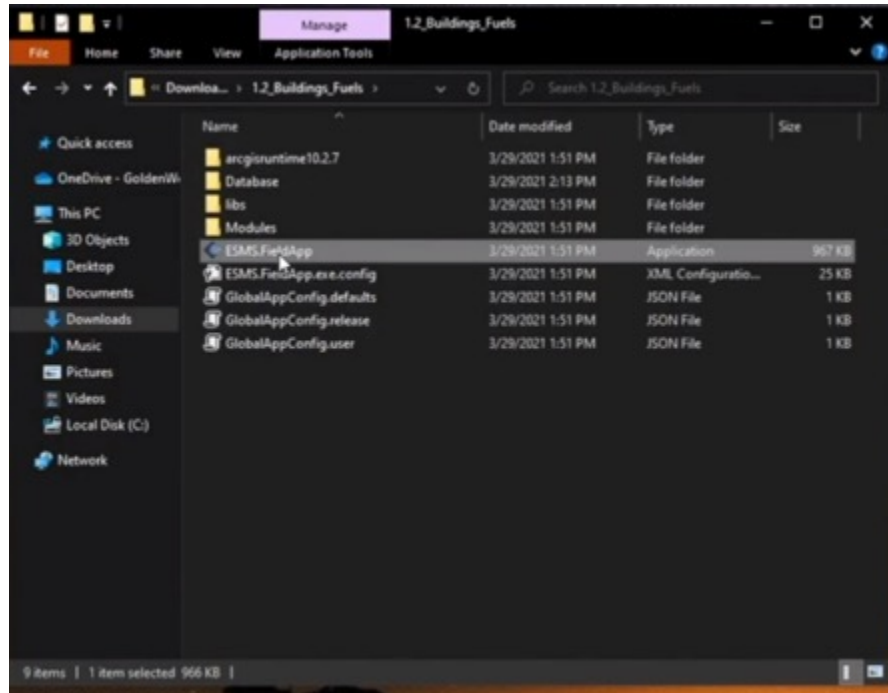


# Find the downloaded zip and “extract files”





# Find the “ESMS FieldApp.exe”





# Fuels Module

The screenshot shows the Enterprise SMS Desktop application interface. The window title is "Enterprise SMS Desktop - 1.1.0 - xamstaging\_peasley\_mahem.sqltts". The interface includes a menu bar with "Home", "Assets", "Assessments", "Work Plans", "Tools", "Reports", and "Help". Below the menu bar is a toolbar with icons for "Sync", "Import", "Facilities", "Groups", "Maps", "Diagrams", "Domain Selectors", "Tablet Mode", and "View Help".

The main content area is divided into a "Navigation" pane on the left and a large central workspace. The "Navigation" pane shows a tree view of "Fuels Systems" with a search bar and a date filter set to "8/13/2019 4:10:11 PM". The tree view is expanded to show a list of fuel systems with columns for "Name", "Type", and "R".

Name	Type	R
MISC CHERY POINT MAIN BASE		
RAILHEAD		
1959 Railhead Fuel Tank Unload Facility	RECEIPT	38
Railhead Pump Station	PUMP STATION	33
Railhead Support Facilities (FOS)	MISC SUPPORT FA...	0
TANK FARM A - Service		
4152 Mogas Fuel Storage Tank	AST-FIELD FABRICA...	20
4153 Diesel Fuel Storage Tank	AST-FIELD FABRICA...	20
4154 Bulk Heating Fuel Storage Tank	AST-FIELD FABRICA...	20
4155 IPS Fuel Storage Tank	AST-FIELD FABRICA...	20
4416 Canopy Truck Offload FOB 2.2	MISC SUPPORT FA...	0
4416 IPS Ribstand	FILLSTAND	12
4416 Mogas Ribstand	FILLSTAND	23
4417 Canopy Truck Offload FOB 2.3	MISC SUPPORT FA...	0
4417 IPS Truck Offload	RECEIPT	38
4417A Mogas Truck Offload	RECEIPT	17
4417B Diesel Truck Offload	RECEIPT	38
4417C Bulk Heating Fuel Truck Offload	RECEIPT	38
4418 Service Station	SERVICE STATION	10
HYDRANT SYSTEM		
TANK FARM A Hydrant System	HYDRANT SYSTEM	0
TANK FARM A - Support		
210252 Parking Area 4221, 4803, 4004	MISC SUPPORT FA...	0
210253 Pavement Roads Within Tank Farm A	MISC SUPPORT FA...	0
210723 Fencing Tank Farm A and C	MISC SUPPORT FA...	0
4221 Fuel Laboratory / Operations Building	FUEL LABORATORY	10
4410 BTL Operations Building	MISC SUPPORT FA...	0



# Buildings

Home Assets Assessments Work Plans Tools Reports Help

Sync Import Facilities Groups Diagram Selectors Tablet Mode View Help

Data Management

Navigation

Fuel Systems Facilities Groups

CI: RI:

Search

Name	RPUID	Number	CI	FCI	FI
Test Site 6 - CRUL...					
ASPHALT DR... 1098538	661	0	100	0	
ASPHALT DR... 1098548	661	0	100	0	
ASPHALT DR... 1098538	661	0	100	0	
ASPHALT DR... 1098538	661	0	100	0	
ASPHALT DR... 1098538	661	0	100	0	
ASPHALT DR... 1098538	661	0	100	0	
Age IP-B Tank	T8D12	0	0	0	
Bio-Diesel Ta...	T8D01	0	0	0	
CATHODIC P...	T8D13	0	0	0	
DIESEL URNGE...	502911	136	0	100	0
Exterior Light...	FCB3.1.1	0	0	0	
Exterior Light...	FCB3.1.1	0	0	0	
FENCE	1098705	133	0	100	0
HYDR FLBLDGD	504540	441	0	100	0
HYDR FLBLDGD	501886	531	0	100	0
HYDR FLBLDGD	501886	531	0	100	0
HYDR FLBLDGD	501886	531	0	100	0
HYDRANT FU...	1166235	77	0	99	0
HYDRANT FU...	504540	391	0	100	0
Hydrant Tank 4	T8D04	0	0	0	
INDUSTRIAL...	RU337.6	0	0	0	
INDUSTRIAL...	RU417.4	0	0	0	
INDUSTRIAL...	FC51.1.75	0	0	0	
Industrial Wa...	RU222.7	0	0	0	
LIQUID FUEL...	RU417.2	0	0	0	
LIQUID FUEL...	RU417.3	0	0	0	
LOADING RA...	500218	482	0	100	0
LOADING RA...	500218	482	0	100	0
Liquid Fuel Lo...	FCB3.6	0	0	0	
Liquid Fuel Lo...	FCB3.8	0	0	0	
Miscellaneous...	502903	226	0	100	0
Mogas SCAT...	361	0	0	0	
OPERATING S...	1166281	84	0	100	0

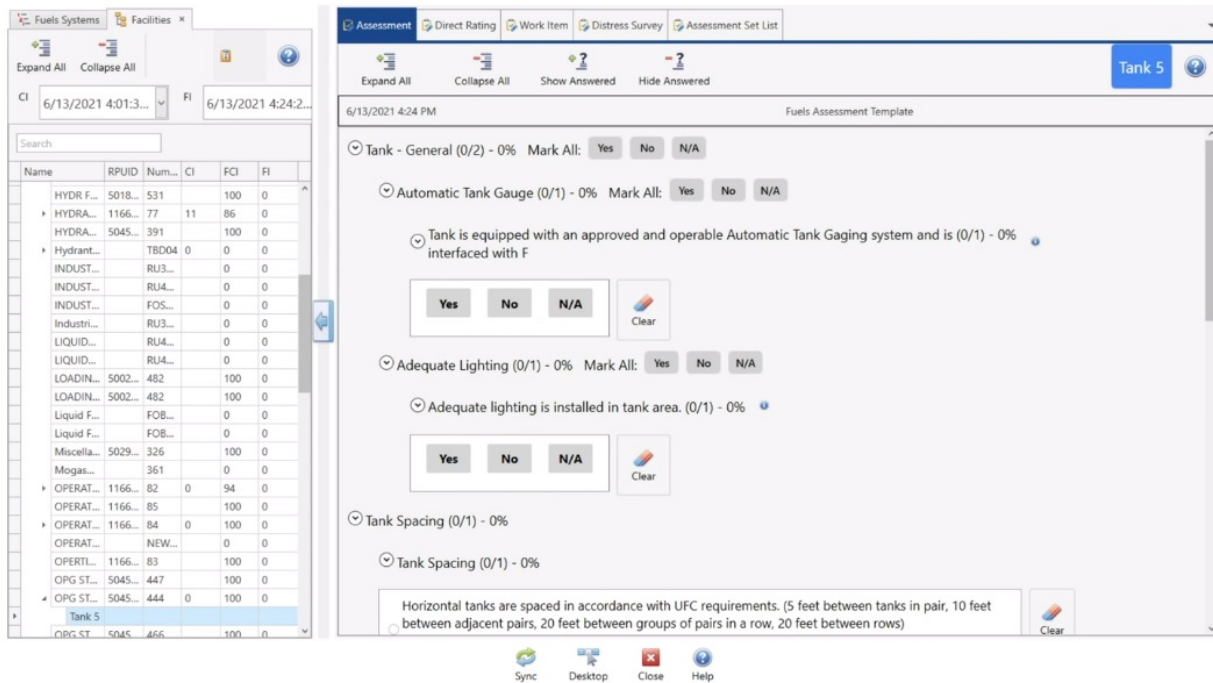
View Component Assessment Set List View Facility

Basic Properties

Fac Code: 8311 - Road Surface

Cat Code: 831145 - DRIVEWAY

# Tablet View



The screenshot displays the tablet view of the Builder Summit application. On the left, a list of facilities is shown with columns for Name, RPUID, Num..., CI, FCI, and FI. The 'Tank 5' entry is selected. The main area shows the 'Assessment' form for 'Tank 5' with a 'Fuels Assessment Template' header. The form includes several sections with expandable items and response buttons:

- Tank - General (0/2) - 0%** Mark All: Yes No N/A
- Automatic Tank Gauge (0/1) - 0%** Mark All: Yes No N/A
  - Tank is equipped with an approved and operable Automatic Tank Gaging system and is (0/1) - 0% interfaced with F
    - Buttons: Yes, No, N/A, Clear
- Adequate Lighting (0/1) - 0%** Mark All: Yes No N/A
  - Adequate lighting is installed in tank area. (0/1) - 0%
    - Buttons: Yes, No, N/A, Clear
- Tank Spacing (0/1) - 0%**
- Tank Spacing (0/1) - 0%**
  - Horizontal tanks are spaced in accordance with UFC requirements. (5 feet between tanks in pair, 10 feet between adjacent pairs, 20 feet between groups of pairs in a row, 20 feet between rows)
    - Buttons: Clear

At the bottom of the screen, there are navigation icons for Sync, Desktop, Close, and Help.



# Direct Ratings

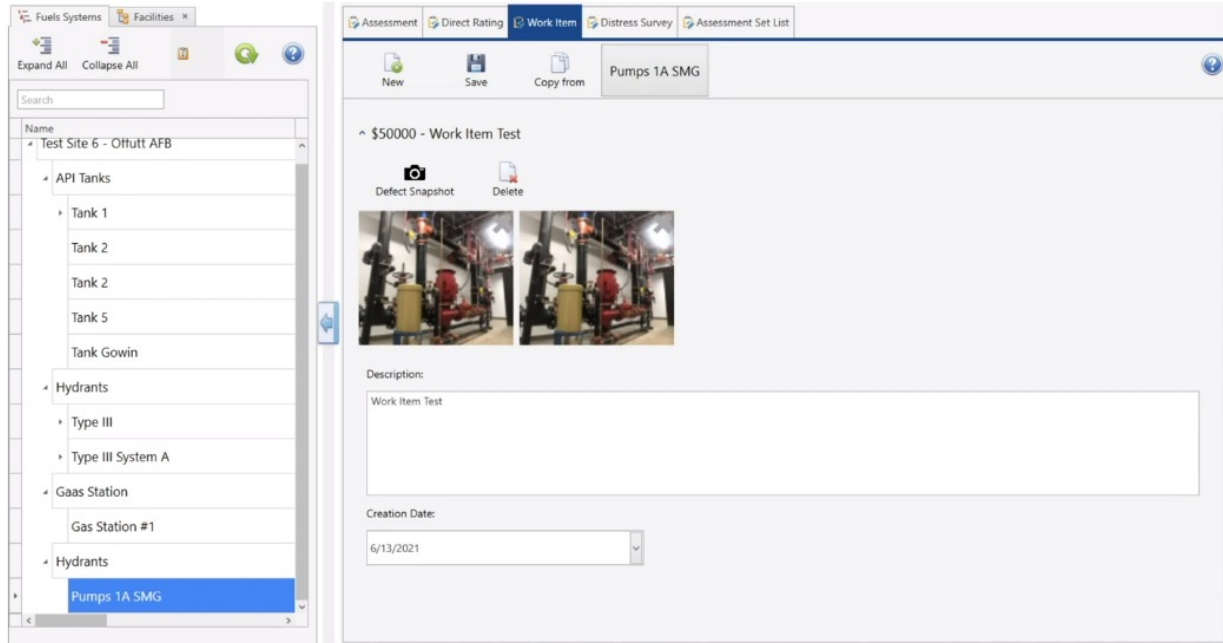
The screenshot displays the BUILDER SUMMIT software interface. On the left, a tree view under "Facilities" shows a hierarchy: "Test Site 6 - Offutt AFB" > "API Tanks" > "Tank 1", "Tank 2", "Tank 2", "Tank 5", "Tank Gowin", "Hydrants" > "Type III", "Type III System A", "Gaas Station" > "Gas Station #1", "Hydrants", and "Pumps 1A SMG". The "Pumps 1A SMG" item is selected and highlighted in blue.

The main window is titled "Assessment" and has a sub-tab "Direct Rating". The "Manage Direct Rating Sets" section shows a date/time dropdown set to "6/13/2021 4:01:3..." and two icons: "Snapshot" and "Off". Below this, there are radio button options for different rating levels, each with a corresponding color bar:

- No Rating (grey bar)
- RedMinus (orange-red bar)
- Red (red bar)
- Amber (yellow bar)
- Green (green bar)
- GreenPlus (dark green bar)

At the bottom of the window, there are four icons: "Sync", "Desktop", "Close", and "Help".

# Custom Work Items



The screenshot displays the BUILDER SUMMIT software interface. On the left, a tree view under 'Facilities' shows a hierarchy: 'Test Site 6 - Offutt AFB' > 'API Tanks' > 'Tank 1', 'Tank 2', 'Tank 2', 'Tank 5', 'Tank Gowin', 'Hydrants' > 'Type III', 'Type III System A', 'Gaas Station' > 'Gas Station #1', 'Hydrants' > 'Pumps 1A SMG' (highlighted in blue).

The main window is titled 'Work Item' and shows a form for 'Pumps 1A SMG'. The form includes:

- Buttons: New, Save, Copy from
- Section: ^ \$50000 - Work Item Test
- Actions: Defect Snapshot (camera icon), Delete (trash icon)
- Image: Two side-by-side photographs of industrial pumps in a facility.
- Description: A text box containing 'Work Item Test'.
- Creation Date: A date picker set to 6/13/2021.





# Don't forget to Sync

The screenshot displays the BUILDER SUMMIT software interface. On the left is a navigation pane with a tree view showing a hierarchy of assets under 'Test Site 6 - Offutt AFB'. The 'Hydrants' folder is expanded, and 'Pumps 1A SMG' is selected. The main area shows the 'View Component' form for 'Pumps 1A SMG'. A 'Sync' dialog box is overlaid on the form, prompting for a username and password. The dialog includes a message: 'Sync will upload any changes that you have saved locally and download any new data. The desktop client will restart after the sync completes.' The background form shows fields for 'Basic Properties', 'Classification Properties', and 'System Properties'. A photograph of a fire hydrant system is visible on the right side of the form.

Name	Type	FI
Test Site 6 - Offutt AFB		
API Tanks		
Tank 1	AST-FIELD FABRICA...	0
Test	AST-Field Fabricate...	0
Tank 2	AST-FIELD FABRICA...	0
Tank 2	AST-FIELD FABRICA...	0
Tank 5	AST-FIELD FABRICA...	0
Tank Goswin	AST-FIELD FABRICA...	0
Hydrants		
Pumps 1A SMG	HYDRANT SYSTEM	0
Hydrants		
Type III	HYDRANT SYSTEM	0
Pump Station	PUMP STATION	0
Type III System A	HYDRANT SYSTEM	0
Test	Hydrant System Co...	0
Gas Station		
Gas Station #1	SERVICE STATION	0

**View Component**

Site: Test Site 6 - Offutt AFB

Real Property: HYDRANT FUELING SYSTEM - 77 - 1166235

Date Installed: 9/20/2018

Operational Status: [v]

Quantity: 1

Units: EA

**Classification Properties**

UNIFORMAT: C3000 - FUEL DISTRIBUTION

**System Properties**

System: [v]

Hydrant Type: [v]

Issue Point Type: [v]

Number Of Issue Points: [Field]

Hydrant Valve Diameter: [Field]

Hydrant Valve Diameter Measurement Unit: Index

System Design Flow: [v]

Elevation: None specified

Elevation Measurement Unit: Index

**Sync**

Username: Dominic.evin

Password: [v]

Last successful sync was at 6/13/2021 4:19:41 PM

Sync will upload any changes that you have saved locally and download any new data. The desktop client will restart after the sync completes.

Sync Cancel



# Work Analysis

## Policy

Enterprise SMS

new policy

Activity Standards

	Repair	Inspection - Distress Survey	Global Repair	Maintain	Add/Install	Corrective Maintenance	Demolish	Inspect	Replace	Paint	Local Repair	Stop Gap	Inspection	Inspection - Direct Rating	Inspe - Dist Sur wi Qui
Standard 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 23452345	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 5	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Default	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

+ Add Standard Edit Standard Delete Standard

Rules

When a policy applies the Standard 3 standard, the Repair will be assigned, if:

Projected CI < 0

Projected CI < 50



# Work Analysis

Profile:  
New  
Scenario

The screenshot shows the 'Enterprise SMS' web application interface. The main content area is titled 'New Profile 15 (KK)'. It features several configuration sections: 'Start Year' (2021) and 'End Year' (2026) dropdowns; 'Cost Book' (Demo Costbook) and 'Cost Modifier Book' (Example Modifier) dropdowns; 'Policy' (Uniformat Rule) dropdown; 'Prioritization' (CERL Priority) dropdown; 'Domains' (Buildings, Fuels, Pavements); 'Scopes' ([Organizations]; DLA, Army National Guard, Air Force Reserve, USACE, Air Force Reserve Command, AMC); and 'Funding Sources' (new, usace1, DLA2, new fund, AMC1, ang3, dae1, ang1). A left sidebar contains a search bar and a list of profiles, with 'New Profile 15 (KK)' selected. The top navigation bar includes 'Policy', 'Priority', 'Profile', 'Work', 'Queue', and 'Reports' tabs.



# Work Plans

The screenshot shows a web browser window with the URL `https://esms-staging.ercd.dren.mil/sms/site/NSk7BpUfgEmuWgoMzMXbTQ/domain/2,3,4/workplans/list`. The page title is "Work Plans" and includes a "Create Plan" button. Below is a table with columns for Name, Date, Budget, Domain, Organization, Site, and Workflow. The table contains several rows of work plan data, with the row "BEL Desk Audit 2020" highlighted in blue.

Name	Date	Budget	Domain	Organization	Site	Workflow
NAS Patuxent River FCA	September 9th 2019	200000	Fuels	Navy Active	NAVALAIR STATION PATUXE...	Yes
Test Work Plan for Add Assets	September 4th 2020	1000	Fuels	DLA	FORT BELVOIR - DAVISON A...	No
MCAS Cherry Point FCA	August 26th 2019	200000	Fuels	Marine Corps Act...	MCAS CHERRY POINT MAIN...	Yes
Belvoir Desk Audit 2020	September 3rd 2020	6000	Fuels	DLA	FORT BELVOIR - DAVISON A...	Yes
ALF BOGUE FCA	August 26th 2019	20000	Fuels	Marine Corps Act...	ALF BOGUE	Yes
<b>BEL Desk Audit 2020</b>	<b>September 3rd 2020</b>	<b>6000</b>	<b>Fuels</b>	<b>DLA</b>	<b>FORT BELVOIR - DAVISON A...</b>	<b>Yes</b>
ALF Bogue TEST	August 26th 2019	15000	Fuels	Marine Corps Act...	MCAS CHERRY POINT MAIN...	Yes



# Create a Work Plan

A screenshot of a web browser displaying the 'Enterprise SMS' application. A 'Create Plan' dialog box is open, showing a form with several fields and a dropdown menu. The 'Domain' dropdown is open, showing a list of categories including 'Buildings', 'Fuels', 'Pavements', 'Rails', 'Roofs', 'General Utilities', 'Electrical Utilities', 'Water Utilities', 'Sewer Utilities', 'Gas Utilities', 'Thermal Utilities', 'Stormwater Utilities', 'Waste Management', 'Water Resources', 'Structures', 'Grounds', 'Land', 'Dams', 'Grounds', and 'Specialized'. The 'Specialized' option is currently selected. Other fields include 'Site' (empty), 'Planned Assessment Date' (mm/dd/yyyy), and 'Workflow' (checkbox, not checked). The background shows a list of workplans in the application.



# If you Enable WorkFlow...

A screenshot of the 'Create Plan' form in the Enterprise SMS application. The form is displayed in a modal window over a browser window. The browser window shows the URL 'https://esms-staging.erc.dren.mil/sms/site/NSk7BpUgEmuWgoMzMXbTQ/domain/2.3.4/workplans/list'. The 'Create Plan' form has the following fields and options:

- Site:** A text input field with a magnifying glass icon.
- Domain:** A dropdown menu with 'Fuels' selected.
- Budget:** A text input field containing 'Bludget'. Below it, a red error message reads 'Budget should have some value'.
- Name:** A text input field containing 'Name'. Below it, a red error message reads 'Name must be 2 to 100 characters long'.
- Charter:** A large text area containing 'Charter'. Below it, a red error message reads 'Charter must be atleast 2 characters long'.
- Planned Assessment Date:** A date picker showing 'mm/dd/yyyy'.
- Workflow:** A checkbox labeled 'Enabled' which is checked.
- Workplan Category:** A checkbox labeled 'Use Category Template' which is unchecked.
- Scheme:** A dropdown menu showing 'None Selected' with a red error message 'You must select a scheme'.
- Pre Assessment Template:** A dropdown menu showing 'None Selected' with a red error message 'You must select a template'.
- Field Assessment Template:** A dropdown menu showing 'None Selected' with a red error message 'You must select a template'.
- Permissions:** A dropdown menu showing 'Permissions'.

At the bottom right of the form are 'Create' and 'Close' buttons.



# Work

Enterprise SMS

Enterprise SMS | Select Site | Domain (2) | Search

Policy | Priority | Profile | **Work** | Queue | Reports

Search

- New Profile
- New Profile 23
- New Profile
- New Profile
- New Profile
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15 (KK)
- New Profile 15
- New Profile
- Fund Test
- Fund Test
- Built to Fail
- CERL Profile 5
- Unformat Rule**
- Domain Rule Fuels

### Unformat Rule

Show Profile Details | Compare To Other Work | Compare To Work Items | Download Excel | Copy As Work Item | Delete Plan

Created On: 03/02/2021 | Created By: anna.shulman | Managed On: 03/03/2021 | Managed By: joseph.karbarz | Status: Succeeded

Object Name	Activity	Priority	Cost	Asset Name	Domain	Type	Site	Year
PRIMARY UNDERGROUND...	None	0	0	FOS-CANOP...	Fuels	eUGPrimar...	Tyndal AFB	2021
PAD-MOUNTED	None	0	0	PRIM DISTR ...	General...	eTransform...	HURLBURT ...	2021
WALK LIGHT	None	0	0	FOS-CANOP...	Fuels	eExteriorLi...	Tyndal AFB	2021
POTABLE WATER VALVE	None	0	0	FOS	General...	wControlVa...	HURLBURT ...	2020
WALK LIGHT	None	0	0	FOS-CANOP...	Fuels	eExteriorLi...	Tyndal AFB	2021
HANDHOLE	None	0	0	FOS-CANOP...	Fuels	eAccessPol...	Tyndal AFB	2019
SECONDARY UNDERGROUN...	None	0	0	FOS-CANOP...	Fuels	eUGSeccon...	Tyndal AFB	2020
NON-POTABLE WATER VALVE	None	0	0	FOS-CANOP...	Fuels	wControlVa...	Tyndal AFB	2019
CURB INLET	None	0	0	FOS-CANOP...	Fuels	drilet	Tyndal AFB	2021



# Work Detail

The screenshot shows a web application interface for Enterprise SMS. A modal window titled "Work Item Details" is open, displaying information for a specific work item. The modal is divided into sections: General, Description, and Fuels Details. The General section contains a table with the following data:

Work Item Name	Misc Support Facilities - Fence	Target Component	Misc Support Facilities - Fence
Deficiency	None	Cost	3,300
Creation Date	08/27/2019	Completion Date	08/19/2019
Reference	None		

The Description section contains the text: "Parking south street from 4803 also part of facil".

The Fuels Details section contains a table with the following data:

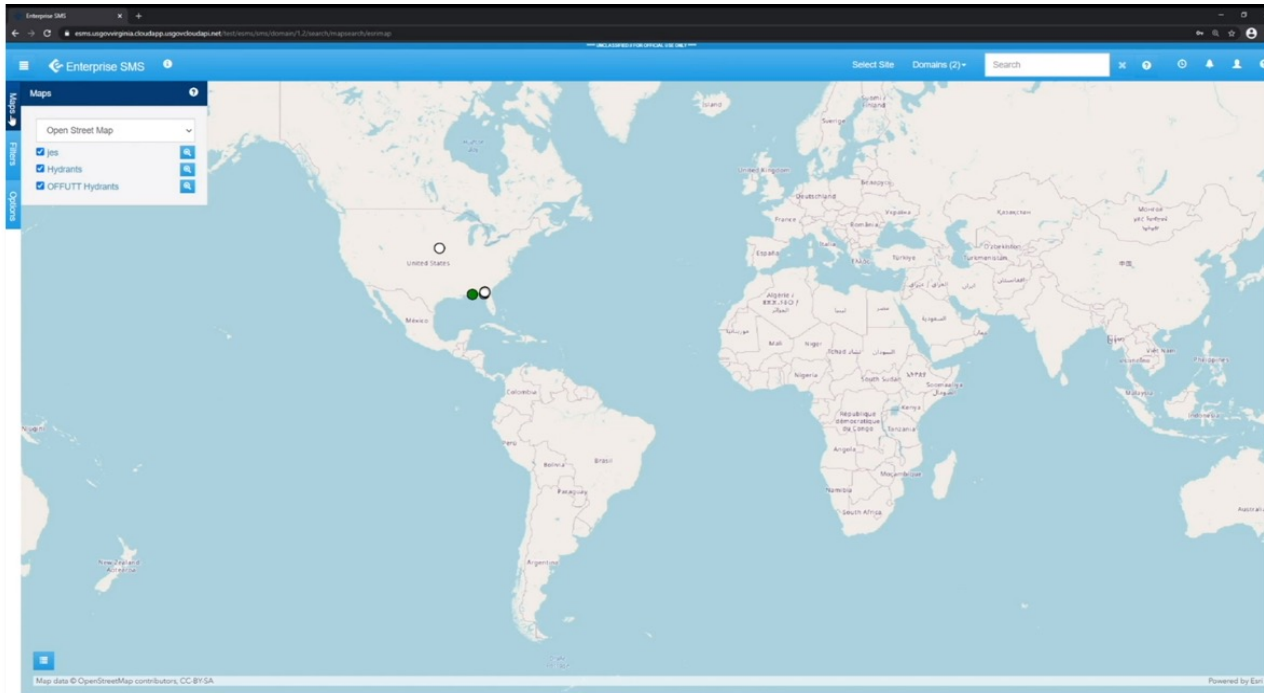
Current Situation	Asphalt pavement is degraded. Many mi...	Regulatory Requirement	Maintenance of gov't facilities.
Scope of Work	Route and seal cracks - 1200 LF. Remov...	Impact	Pavement will continue to degrade until L...

The modal also includes a "Close" button at the bottom right.





# Map





# Work Package

Enterprise SMS | Select Site | Domains (1) | Search | Last Login: 10/08/2020 14:36

Work Packages | State: 6. Packaging

SRM | Work Items Filter | Work Package

Work Description	Package	Cost	Date	RPUID	Facility	Add/Remove
Repair Asphalt Pavement	SRM	10000	August 20th, 2019	1242377	210723	-
Replace lighting.	SRM	10000	January 1st, 1970	22253	4416	-
Building does not have lightning protection.	SRM	5000	January 1st, 1970	19067	4650	-
Replace lighting.	SRM	5000	January 1st, 1970	20718	1899	-
Modify the Fuels Lab to have a recessed...	SRM	0.1	June 9th, 2020	22253	4416	-



# Searching

Enterprise SMS

esms-staging.erdcdiren.mil/terms/domain2/search/facility

Enterprise SMS

Select Site: Domain (1) Search

Facilities: 106 Groups: 27 Components: 25 Assessments: 20 Work: 4

RPUID	Number	Name	Quantity	UoM	Year Const.	CI	FCI	EFCI	FI	PI	MDI
502899	322	VEHICLE FUELING...	4000	GA	10/23/2009	100	100	100	100	100	
502911	337	VEH FL STN	0	GA	10/23/2009	100	100	100	100	100	
	TBD08	VEHICLE PARKING...	4444	SY	10/23/2009	100	100	100	100	100	
501886	531	HYDR FL,BLDG	0	GM	10/23/2009	100	100	100	100	100	
500222	486	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
500222	486	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
502911	337	VEH FL STN	10000	GA	10/23/2009	100	100	100	100	100	
	NEWAST	OPERATING STOR...	0	GA	10/23/2009	100	100	100	100	100	
	TBD01	Bio-Diesel Tank - D...	0	GA	10/23/2009	100	100	100	100	100	
504545	446	PMP STN, LF	36	SF	10/23/2009	100	100	100	100	100	
1098538	861	ASPHALT DRIVEWAY	60	SY	09/11/2012	100	100	100	100	100	
	RU322.5	Vehicle Fueling Stat...	1	OL	07/08/2018	100	100	100	100	100	
502899	322	VEHICLE FUELING...	2	OL	10/23/2009	100	100	100	100	100	
501914	558	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
502874	299	Pad	96	SY	04/14/2018	100	100	100	100	100	
417601	29068	29068				100	100	100	100	100	
501886	531	HYDR FL,BLDG	1822	SF	10/23/2009	100	100	100	100	100	
1166235	77	HYDRANT FUELIN...	4	OL	02/28/2014	100	100	100	4	100	
502899	388	UNDERGROUND ...	1000	GA	04/15/2014	100	100	100	100	100	
	TBD04	Hydrant Tank 4	0	GA	10/23/2009	100	100	100	100	100	
	FOR1.1.09	OVERHEAD PROT...	2482	SF	02/28/2014	100	100	100	100	100	
	RU237.5	Vehicle Fueling Stat...	1	KG	07/08/2018	100	100	100	100	100	
	FOR3.6	Liquid Fuel Loading...	1	OL	07/01/2018	100	100	100	100	100	
502903	326	Miscellaneous Ope...	81	SF	09/11/2012	100	100	100	100	100	



# Data Fields to Display

Enterprise SMS

Groups (142) Components Assessments Work (400)

Search

Fields

- RPUID
- Number
- Name
- Site
- Asset Class
- Status
- Quantity
- UoM
- Year Const.
- PRV
- CI
- FCI
- FI
- PI
- MDI

Apply Fields

Clear Fields

Name	Quantity	UoM	Year Const.	CI	FCI	FI	PI	MDI
LANDFILL SCALES	1		08/31/1998	100	100	100	100	0
WELL #1				100	100	100	100	
3 GUILFORD	1258		07/08/1982	100	100	100	100	0
WELL #2B				100	100	100	100	
ASPHALT DRIVEWAY	65	SY	09/11/2012	100	100	100	100	
1100 1102 1104 1106 ...	5626		12/13/2007	100	100	100	100	0
GENERATOR BLDG				100	100	100	100	
VEHICLE FUELING S...	4000	GA	10/23/2009	100	100	100	100	
Age JP-8 Tank	0	GA	10/23/2009	100	100	100	100	
PIPELINE_LF	1575	LF	10/23/2009	100	100	100	100	
(MACS-2) AUTOMOB...	1		03/09/1983	100	100	100	100	0
GATE				100	100	100	100	
LOADING RAMP	0	OL	10/23/2009	100	100	100	100	
(MCCS) GROUNDS ...	1200			100	100	100	100	0
CIVIL ACTION 472 0...	0.2			100	100	100	100	0
4107 4109 OAK DRIVE	2814		12/20/2007	100	100	100	100	0
MEDICAL STORAGE-...	311		06/30/1994	100	100	100	100	0
SEPTIC TANK	500		12/31/1986	100	100	100	100	0
PAVEMENT AREAS (...)	5382.27		04/19/1982	100	100	100	100	0
EASEMENT PARCEL ...	12.47			100	100	100	100	0
STORM WATER PON...	0.05			100	100	100	100	0
VEH FL STN	0	GA	10/23/2009	100	100	100	100	
HYDR FL BLDG	0	GA	10/23/2009	100	100	100	100	



# Search Filters

The screenshot shows the 'Enterprise SMS' web application interface. On the left, a 'Filters' sidebar is open, displaying various search criteria with input fields for values and ranges. On the right, a table displays the search results with columns for Name, Quantity, and UoM. The table lists various items such as 'LANDFILL SCALES', 'WELL #1', '3 GUILFORD', etc.

Name	Quantity	UoM
LANDFILL SCALES	1	
WELL #1		
3 GUILFORD	1258	
WELL #2B		
ASPHALT DRIVEWAY	65	SY
1100 1102 1104 1106 ...	5626	
GENERATOR BLDG		
VEHICLE FUELING S...	4000	GA
Age JP-8 Tank	0	GA
PIPELINE, LF	1575	LF
(MACS-2) AUTOMOB...	1	
GATE		
LOADING RAMP	0	OL
(MCCS) GROUNDS ...	1200	
CIVIL ACTION 472 0...	0.2	
548886	5056	4107 4109 OAK DRIVE
19140	4426	MEDICAL STORAGE...
21677	4047	SEPTIC TANK
	500	



# Export a CSV

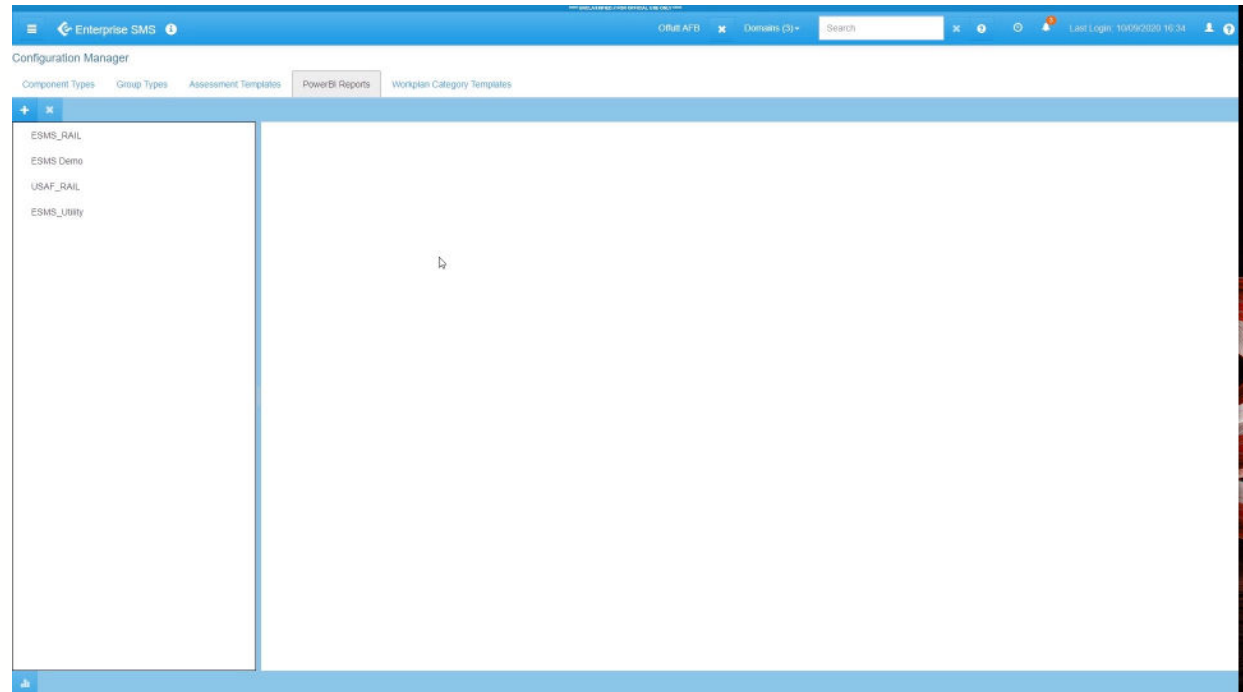
ID	DESCRIPTION	AREA	UNIT	STATUS
502899	RU322-02	RU-UNDERGROU...	2000	GA
504566	466	OPG STOR,MOGAS	20000	GA
504367	690	PIPELINE, LF	1575	LF
1098538	661	ASPHALT DRIVEWAY	275	SY
502979	585	PETROL OPS BLDG	4688	SF
500011	100	DIESEL UNDERBO...	10000	GA





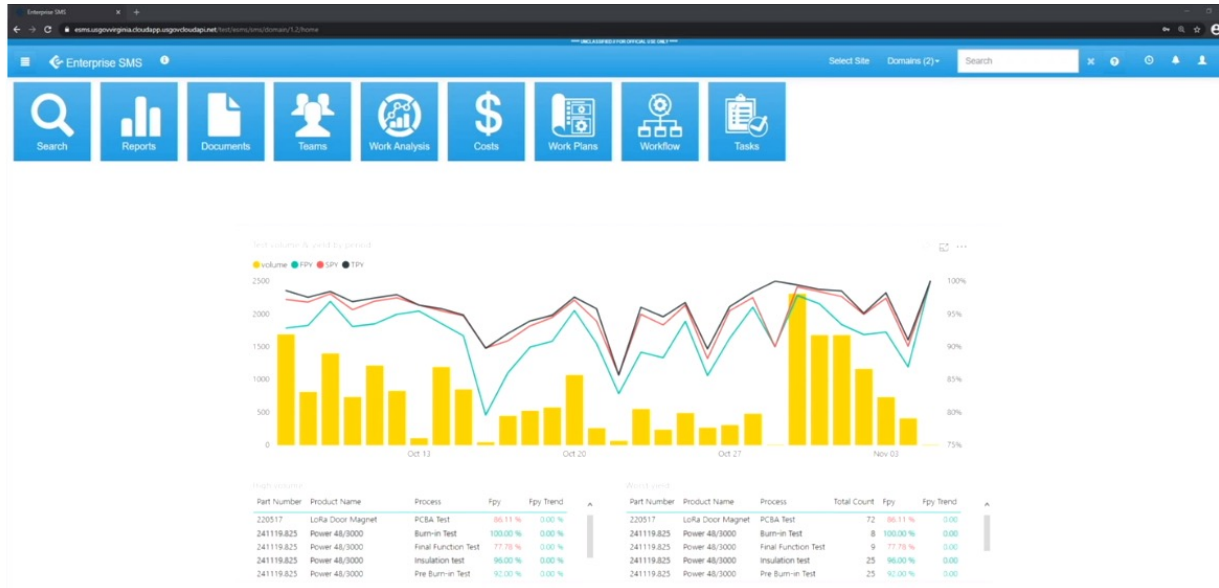
# Reports

Select from  
multiple report  
options





# Reports







# AF Utilities Update

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