



Integration of CAIS into FIMS

CAS/CAIS User Group Meeting

October 22-24, 2024

Presented by: Mark Gordy



Agenda

- Phase I Review
- Phase II
- Impacts to FIMS & CAIS
- Deployment Planning
- Discussion Items

U. S. Department of Energy



FIMS/CAIS



Phase I of the CAIS Integration into FIMS



- Implemented in June 2024 when we implemented FIMS/CAIS single sign-on
- Added an image to the FIMS home page to access CAIS
- Image added to CAIS home page to return to FIMS





Phase II of the CAIS Integration into FIMS



- Coming in 2025
- Will enhance navigation between FIMS and CAIS capabilities
- This will be a full integration of CAIS into FIMS
- Impact to Administrators





Phase II: Possible FIMS Landing Page



Search & Press Enter

Facilities Information Management System

Mark Gordy ▾



Property List



Replacement Plant Value



Estimating



FIMS Reports



AAIM



CAIS Reports



Mobile Condition Assessments



Impacts to CAIS



FIMS Property List & CAIS Asset List Combined



Search & Press Enter **Facilities Information Management System** Mark Gordy

Property List

Field Office: Science Field Office Site: Oak Ridge Office Area: Oak Ridge Office + Create New

Property ID ↑	Property Name ↓	Ownership ↑	HQ Program Office ↑	Property Type ↓	Status ↑
1576 XF Fencing	XF Fencing	DOE Owned	SC	Structure	Operating
1916T2	1916-T2 Complex	DOE Owned	SC	Building	Operating
1916T2 CONC TNK	T2 concrete vault/tank	DOE Owned	SC	Structure	Operating
1916T2 Fence	1916 T2 Fence	DOE Owned	SC	Structure	Operating
1916T2 Out Stor	1916-T2 Outside Storage Building	DOE Owned	SC	Building	Operating

Search & Press Enter **Condition Assessment Information System** Mark Gordy

Asset List

Field Office: Science Field Office Site: Oak Ridge Office Area: Oak Ridge Office Staged IUs

	HQ Program Office ↑	Property ID ↑	Property Name ↓	Property Type ↑	Last Inspection Date ↑	Repair Needs ↓	Deferred Maintenance ↑
IU List	SC	1576 XF Fencing	XF Fencing	Structure	11/16/2023	\$0	\$0
IU List	SC	1916T2	1916-T2 Complex	Building	03/29/2024	\$1,866,521	\$1,141,927
IU List	SC	1916T2 CONC TNK	T2 concrete vault/tank	Structure	02/22/2024	\$323	\$0
IU List	SC	1916T2 Fence	1916 T2 Fence	Structure	02/22/2024	\$274	\$0
IU List	SC	1916T2 Out Stor	1916-T2 Outside Storage Building	Building	02/21/2024	\$26,096	\$26,096
IU List	SC	1916T2 Parking	1916 T2 Parking Area	Structure	02/22/2024	\$0	\$0

Add a CA Icon


Possible Customization Of Columns



Condition Assessment Icon from Property List



- Access to Asset Detail, Attachments, Asset Cost Adders, System Level Deficiency Cost and IU List



[i Asset Detail](#) [Asset Attachments](#) [Asset Cost Adders +](#) [System Level Deficiency Cost](#) [IU](#)

Field Office: Science Field Office **Site Name:** Oak Ridge Office **Area Name:** Oak Ridge Office **Property ID:** 1916T2
Property Name: 1916-T2 Complex **Property Type:** Building **Ownership:** DOE Owned **RPUID:** 98870

HQ Program Office: Usage Code:
Status: Mission Dependency:
RPV: RPV Model:
Size: Gross Square Feet Year Built:
Estimated Disposition Year:

Repair Needs: Deferred Maintenance: Modernization Cost: Group:
Last Inspection Date: Next Inspection Date: Functionality Assessment Date: Overall Asset Condition:
Update All IUs with Last Inspection Date: PBPI: FIMS Update Exclusion:

Comments: (limit 1000 characters)

Added by FIMS: Updated by FIMS: Archived by FIMS:



Condition Assessment Icon from Property List



Current
Asset
Detail

HQ Program Office:	SC	Usage Code:	400 General Storage
Status:	Operating	Mission Dependency:	Mission Critical
RPV:	\$22,605,912	RPV Model:	
Size:	113,230	Gross Square Feet	Year Built:
Estimated Disposition Year:	8888		1948
Repair Needs:	\$1,866,521	Deferred Maintenance:	\$1,141,927
Last Inspection Date:	03/29/2024	Next Inspection Date:	03/29/2029
Update All IUs with Last Inspection Date:	<input type="checkbox"/>	PBPI:	
		Modernization Cost:	\$0
		Functionality Assessment Date:	02/22/2024
		FIMS Update Exclusion:	No
		Group:	
		Overall Asset Condition:	Adequate
Comments: (limit 1000 characters)			
Added by FIMS:		Updated by FIMS:	10/09/2024
		Archived by FIMS:	

List of IU's for this asset would appear here at the bottom of the Asset Detail



CAIS Archive



- Current options are Archive Asset List and Archive IU Search
- Archive Asset list mirrors the Asset list which is being eliminated
- Archive Asset list will be eliminated. Data can be obtained from the CAIS ad-hoc query tool
- Archive IU Search will remain as the only option

Archive IU Search

Field Office: Site: Area:

Property ID: IU Number: Equipment ID: Work Order:

Site ↑↓	Area ↑↓	Property ID ↑↓	IU Number ↑↓	Equipment ID ↑↓	Work Order ↑↓
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

No Inspection Units were found for the filters selected.



Combine FIMS and CAIS Admin Functions



- Combine the FIMS and CAIS User windows into a single screen

Q Search & Press Enter

Facilities Information Management System

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User Detail

User ID:	<input type="text" value="ormarla"/>	Field Office Restriction:	<input type="text" value="Science Field Office"/>
User First Name:	<input type="text" value="Marla"/>	Site Restriction:	<input type="text" value="Oak Ridge Office"/>
User Last Name:	<input type="text" value="Larsen-Williams"/>	Field Office Default:	<input type="text" value="Science Field Office"/>
Security Level:	<input type="text" value="Field Office System Admin"/>	Site Default:	<input type="text" value="Oak Ridge Office"/>
Organization:	<input type="text" value="DOE - Office of Science"/>	Area Default:	<input type="text" value="Oak Ridge Office"/>
Email:	<input type="text" value="marla.larsen-williams@science.doe.gov"/>		
Phone Number:	<input type="text" value="(865) 227-3332"/>		
Password:	<input type="password" value="....."/>	<input type="button" value="Update Password"/>	
Account Status:	<input type="text" value="Suspended"/>		

FIMS User Detail



Combine FIMS and CAIS Admin Functions



Search & Press Enter Condition Assessment Information System Mark Gordy

User Detail

User ID:

First Name:

Last Name:

Security Level:

Organization:

Email:

Phone Number:

Account Status:

Default Location

Field Office: Restricted

Site: Restricted

Area:

Custom Settings

Email Notifications:

Optional and User Defined Panels Expanded:

Advanced Filters:

Module Access

Allow Access to Custom RPV Module:

CAIS User Detail



FIMS/CAIS Administration



- Align FIMS and CAIS Security Levels

FIMS Security Levels

- FIMS System Administrator
- Field Office Administrator
- Field Office User
- Site User
- Guest



CAIS Security Levels

- HQ Admin
- HQ Read-Only
- Field Office Admin
- Field Office User
- Field Office Read-Only
- Site Admin
- Site User
- Site Read-Only



FIMS/CAIS Administration



- Sites should start to think about how they want to handle Administrator responsibilities
- The role of the CAIS Administrator will be eliminated
- CAIS Administrators could become FIMS Administrators





Impacts to FIMS



Replacement Plant Value (RPV)



- RPV tab will be removed from FIMS
- All RPV calculations will be performed through the Custom RPV module
- Source for RPV's will either be 'FIMS' or 'Other'
- FIMS will still display the RPV value as read-only





Site & Area Level Data



- Site and Area Detail windows to be combined (similar to CAIS 4.0)
- Will be named Site Profile
- Will contain Site Estimating and Inspection profile information from CAIS
 - Data Element Customization
 - Geographic Adjusters
 - Inspection Settings





FIMS Reporting



- Standard reports and ad-hoc query tool will be combined under a single selection
- Tabs will allow the user to toggle between standard reports and the ad-hoc query functionality
- The same will be setup for the CAIS reports and ad-hoc query functionality





Deployment Planning



- Design work still underway
- Document Requirements
- Will require significant software coding & testing
- Planning for demonstration at the 2025 FIMS/RE Annual Training





Discussion Items/Questions

QUESTIONS?



THANK YOU

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