CAIS Program Status

CAS/CAIS User Group Meeting

October 24-26, 2023
Presented by: Mark Gordy

Agenda

- Recent Activity
- User Community
- Looking Ahead
- CAIS Training
- RS Means Costing Update
- Discussion Items
- Questions

U. S. Department of Energy

Condition Assessment Information System (CAIS)

Accomplishments

- Addition of Condition Notes

- Removal of Area Level Cost Adders

- CAIS Upload Enhancements

- CAS/CAIS New User Training
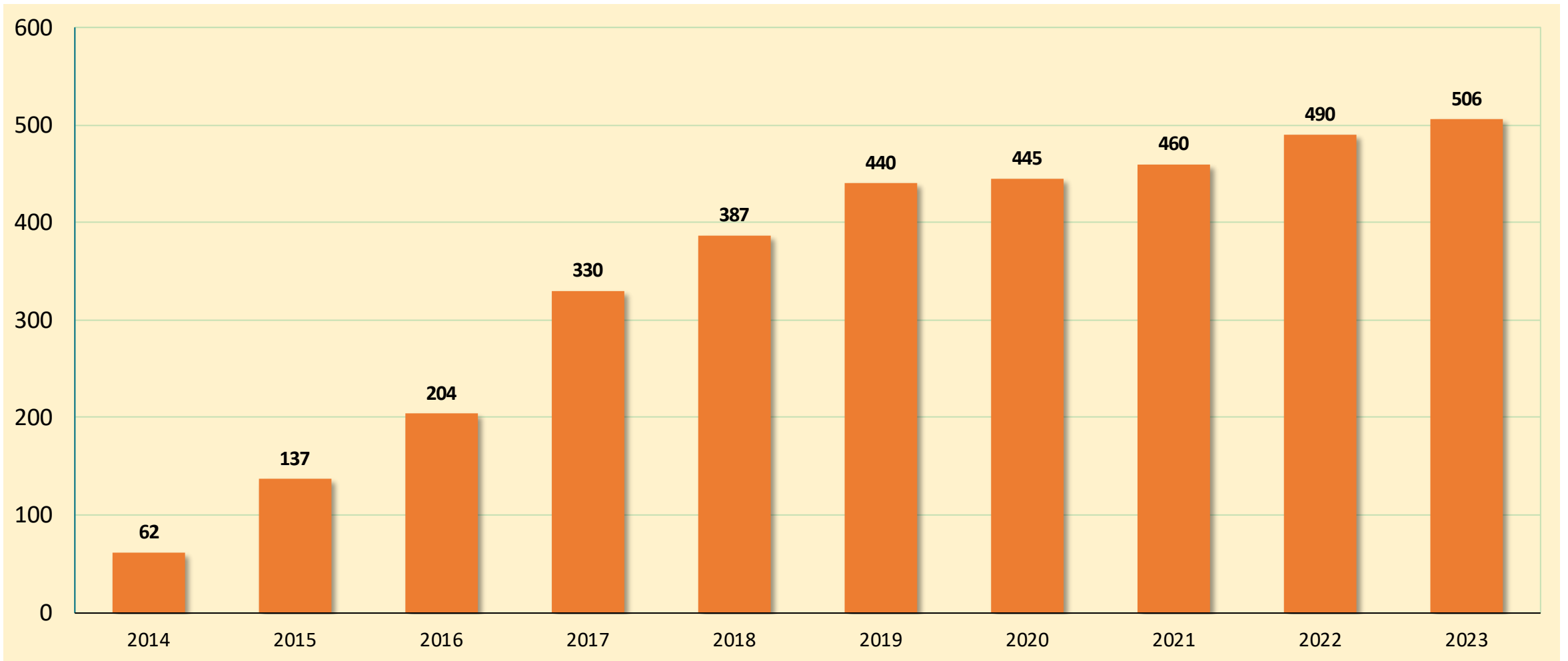
- HQ FIMS/CAIS Cybersecurity Review

Current Activity

- FY23 year-end data analysis
- Preparing for FY23 Federal Real Property Profile reporting
- Looking ahead to FY24 which includes:
  - Unlocking the CAIS to FIMS Upload
  - FY24 FIMS data validation guidance
- Analysis for meeting upcoming cybersecurity enhancements

CAIS User Community

Bar chart showing CAIS User Community growth by year:
- 2014: 62
- 2015: 137
- 2016: 204
- 2017: 330
- 2018: 387
- 2019: 440
- 2020: 445
- 2021: 460
- 2022: 490
- 2023: 506

Looking Ahead

Upcoming CAIS Enhancements

- Estimating Module enhancements associated with RPV estimates
- System generated Next Inspection Date
- Categorize models
- System Level Deficiency window
- CAIS front-end refresh
  - Responsive platform
  - Simplify navigation
  - Contemporary look and feel
  - Enhanced functionality
  - Back-end upgrades

Multi-Factor Authentication (MFA)

- DOE Requirement

- Driven by EO 14128, Improving the Nations Cybersecurity

- Needed to advance toward Zero Trust Architecture (ZTA)
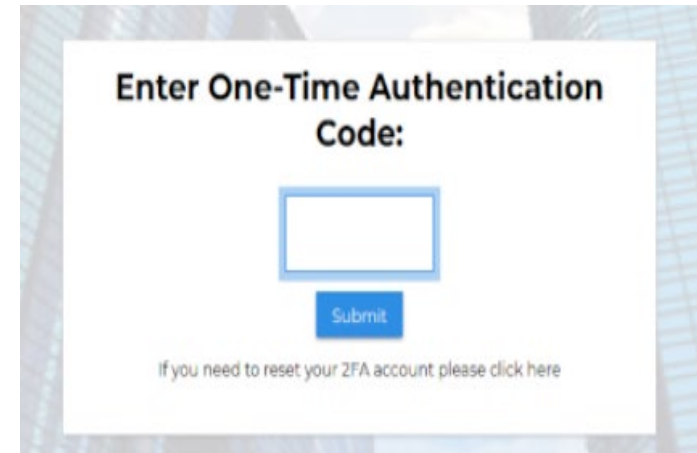
- Strengthens application security

Multi-Factor Authentication (MFA) (Cont'd)

- FIMS/CAIS will support two methods of MFA

- Code generated from the Google or Microsoft Authenticator apps

- To support those sites that don't allow phones, a code will be emailed to the user

FIMS/CAIS Single Sign-on (SSO)

- Benefits users of both application
- Will simplify password management
- Will streamline navigation between the two applications

MFA & SSO Deployment

- MFA will be implemented first: End of 2023
- Will pilot at a few sites for testing
- SSO will be implemented in 2024 (Date TBD)

CAIS User Training

CAS/CAIS Training

- We offer
  - CAS/CAIS New User Training
  - Cost Estimating Module Training
  - Site Assist Visits
- No training scheduled yet for 2024
- If any Site has training needs, please contact Adam Pugh or Mark Gordy

RS Means 2024 Costing Update

- Currently scheduled for February 15, 2024
  - Updates for all Assembly and Master Format line items
  - Updated Geographic Adjusters, Labor/Crew and Rental Equipment data
  - Escalation of all Engineered costs
  - Automatic recalculation of all CAIS generated costs
  - Automatic recalculation of all Estimating Module costs including RPV estimates
  - Recalculation of all FIMS generated RPV estimates
  - Addition of new RPV models
  - Updated RPV Model costs

Discussion Items

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- Real-time updates in FIMS for
  - Repair Needs
  - Deferred Maintenance
  - Modernization Cost
  - Last Inspection Date

- Elimination of Recost button
  - Site Detail window used when existing Cost Adders are changed
  - FIMS Upload option

QUESTIONS?

Mark Gordy
Office of Asset Management Support
mark.gordy@hq.doe.gov