

Version: v3.2.2.0

Effective Release Date: 06/14/2024

Security Vulnerability Mitigation: UCM Replacement

- Implemented a solution to mitigate security vulnerabilities by storing and migrating CNA documents to Azure Blob storage.

Copy Paste and Export Functionality Enhancements

- Improved the copy-paste functionality on Utility and Financial Factors pages for enhanced user experience and efficiency.
- Refactored the 'Date' fields to accept all Date formats during copy-paste.
- Add a Legend to the Utility page to improve the Utility's copy-paste.
- Implemented global logic to flag errors for any data fields where 'letters' are entered in numeric fields during copy-paste operations.
- Updated the export and copy-paste functionality of component/alternative/recommendation to ensure accurate data synchronization within the UI.
- Included Reserve for Replacement of Annual Ending Balance and RFR Schedule in the Export CNA functionality.

UI Visibility Enhancement

- Enhanced the visibility of the components and alternative annual comparison table, which displays numbers with commas as thousands of separators and rounds numbers to the nearest whole number.

Email Notification for HUD Reviewer

- Implemented automated email notifications to alert the HUD Reviewer once a CNA is assigned for review, ensuring timely communication and task management.

Export File Format Upgrade

- Upgraded the export function to export data to .xlsx format, providing greater flexibility and compatibility with reporting tool.

Property ID Field Validation Update

- Made the Property ID a mandatory field for Asset Management CNAs.
- Ensured that the Property ID is required during submission for Asset Development CNAs, including 223(a)(7) Limited Refi, 223(f) Refi of 202, and 241(a) Supplemental.
- Ensured that the Property ID is required during submission for Asset Recapitalization CNAs, including RAD - MF, RAD - PRAC, and Post- M2M.

Session Timeout Enhancement

- Implemented session timeout feature for the CNA e-Tool to enhance security compliance, managed by Admin users.

508 Standard Compliance fixes:

1. Keyboard Access on Component/Alternative/Recommendation Page: Users can now utilize the keyboard to navigate all components on the Component/Alternative/Recommendation page for improved accessibility.
2. Left Sidebar Display at 200% Zoom: The left sidebar will now remain visible even when zoomed in to 200%, ensuring a consistent user experience regardless of zoom level.
3. Following the 508 standards, focus now shifts immediately or after one additional keystroke to new content when a control adds or reveals hidden information, enhancing accessibility and user interaction.

Service Integration Updates (Deployment to Staging Date: 05/10/2024)

N/A

Version: v3.2.1.0

Effective production release Date: 3/8/2024

Deployment to Staging Date: 2/16/2024

Enhancements

- Added a new Green House Gas column on the Repair Needs Analysis table for providing better cost analysis and comparisons.
- Added a logout function for users.
- We have added a 'Hire a Needs Assessor' Yes/No question on the CNA Summary page for three program types: 'RAD PH New Construction', 'RAD PH Sub Rehab', and 'GRRP.'
- Created a new Reserve for Replacement page that contains an Annual Deposit Schedule that is calculated for 10 years after the date of Endorsement/Final Endorsement.
- Enable Property Owners to access, view, upload documents, and provide commentary upon their specified CNAs and for internal users to view the submitted comments and content.
- We have expanded the Financial Schedule and Estimate Period Recap page to display Reserve for Replacement (RfR) Ending Balance Analysis report.
- We have expanded the Financial Schedule and Estimate Period Recap page to display Reserve for Replacement (RfR) Ending Balance Analysis report.
- We have expanded the CNA e-Tool to allow Submitters to add a new class of user, the Property Owner and retain the current owners information when a CNA is cloned.
- We enhanced the printing capabilities of the Financial Schedule & Estimate Period Recap tables.
- We have updated the existing Financial Factors page, captured additional data entry fields, and enhanced export functionality to better support Green and Resilient Retrofit Program (GRRP) program needs.
- We have updated the copy-paste functionality to accept the Yes/No values in the 'Green Alternative Indicator' field on the Component Alternatives Recommendation tab.
- We have improved flag validation FN-003 and introduced a new flag FN-005 for Asset Development & Asset Recap CNAs should the Ending Balance on the Financial Schedule does not meet the Required Minimum Balance amount.

Bugs Fix

- Refactoring Flags for updating the logic for Flags PI-008 and PI-009

Version: v3.2.0.0

Effective production Release Date: 11/2023

Tentative schedule – Deployment to Staging Date: 10/20/2023.

Enhancements

- We expanded the e-Tool’s capabilities to conduct HUD’s new Green and Resilient Retrofit Program (“GRRP”) transactions.
- We added a new user type called Multifamily Assessment Contractors (“MACs”) that will be involved in submitting CNAs for GRRP transactions. MAC’s role includes:
 - Initiate CNAs and send them to Needs Assessors.
 - Submit completed CNAs to HUD for GRRP processing.
- We expanded the Components, Alternatives, and Recommendations page and enhanced various calculations and logic to better support GRRP program needs, including:
 - Display Components in three separate sub-tabs Critical Repairs; Non-Critical Repairs; and Future Needs.
 - Display all associated Alternatives immediately under each Component in the summary table at the top.
 - Enter up to two utilities consumption data for each Component and Alternative (e.g., electricity and water for dishwashers).
 - Enter Repair/Replacement Recommendations data (e.g., “Action,” “When”) at the Component level instead of the Recommended Alternative, which eliminates re-entering the information when you switch to a different Alternative for recommendation.
 - Display a comparison table of key metrics between a Component and its Alternatives such as Total Cost to Operate (TCO), Energy and Water usage, and Total Utility costs.
 - Display early replacement recommendation for a Component based on the remaining useful life and the annual utility savings of the associated Alternatives.
 - Implementation of new GRRP-related Flags.
- We added a new “Repair Needs Analysis” page. This page allows you to look at your choices of recommended Alternatives included in the Repairs List and create up to two alternate versions of the Repairs List by selecting different sets of Alternatives for recommendations. The comparison table displays key metrics such as the total cost of repairs, utility usage, total cost to operate, etc. to compare the Repairs Lists.
- We created a new interface to transfer the Environmental Protection Agency’s Portfolio Manager energy benchmark data imported from HUD’s Integrated Real Estate Management System (iREMS) system. In the near future, e-Tool will be able to display current and historical energy benchmarking data recorded in the Portfolio Manager directly and HUD Custom SEP or SEDI attachments will be retired.