

Version: v3.2.10.0**Effective production release Date: 11/25/2025****Enhancements**

- System-Wide Terminology Refresh – Standardizes terminology across eTool to enhance clarity and maintain consistent naming conventions.
- Revised Severity of GR Flags – Adjusts the severity of the existing GR validation flags to warning level.
- Copy-Paste Function Enhancement: The copy-paste function now supports editable Standard EUL input, aligning with the UI page functionality.

508 Compliance Fix

- Added accessible names to 11 elements on the Components/Alternatives/Recs page to meet Section 508 requirements and improve screen reader support.
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Version: v3.2.9.0**Effective production release Date: 9/19/2025****Enhancements**

- Restart Background Jobs via UI: Admin users now can manually restart background jobs directly from eTool. This enhancement allows faster troubleshooting and reduces dependency on backend interventions.
- Renamed Effective Date to CNA Inspection Date: In the Age of Component section, the field previously labeled “Effective Date” has been updated to “CNA Inspection Date” to better reflect the actual meaning and improve clarity for users.
- Editable Standard EUL Field: The Standard Estimated Useful Life (EUL) field is now editable, giving users flexibility to adjust when necessary.
- New Flag for Overridden Standard EUL: Introduced a flag that alerts reviewers whenever the Standard EUL for a component has been manually overridden, helping reviewers identify such changes more easily.
- Auto-Response Options: Added predefined dropdown options to assist submitters in providing input efficiently, reducing repetitive typing and maintaining consistency in responses.

Other fixes for Admin Users

- N/A

Service Integration Updates

- N/A
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Version: v3.2.8.0

Effective Release Date: 6/27/2025

Enhancements

- **Create a New Version of CNA for a Different Program Type**
Users can now create a new version of an existing CNA and change it to a different HUD program type. This enhancement streamlines the cloning process and supports cross-program reuse of CNA data, improving efficiency and flexibility for users managing multiple program submissions.
- **Change Partner Organization During CNA Cloning**
Needs Assessors now have the ability to change the Partner Organization when creating a new CNA version through cloning. This allows CNAs to be reassigned to applicable partner organizations as needed, reducing the need for manual rework and ensuring accurate organizational alignment.

Other fixes for Admin Users

Quarterly Report and 508 Compliance Fixes

- The quarterly report generation process has been updated to accurately reflect the Total Unit Count, enhancing data integrity in administrative reporting.
- A 508-compliance issue has also been addressed in the Admin Tools section, resolving a problem where keyboard-only users were unable to navigate out of text fields.

Service Integration Updates (*Deployment to Staging Date: 6/23/2025*)

N/A

Version: v3.2.7.0

Effective Release Date: 3/14/2025

This release includes important updates and enhancements designed to improve performance, accessibility, and UI consistency, while mitigating security vulnerabilities associated with end-of-support software.

Enhancements:

- **Angular Upgrade from v13 to v18:** Upgraded the Angular framework from v13 to v18 to take advantage of the latest features, performance improvements, and security patches.
- **Bootstrap Upgrade from v4 to v5.3:** Updated from Bootstrap v4 to v5.3, which includes significant improvements in design flexibility and functionality to address end-of-life (EOL) concerns.
- **Default 'Is this CNA a HUD/USDA?' Question to 'YES' for Needs Assessors:**
The 'Is this CNA prepared for a HUD or USDA property or program?' question is now automatically set to 'YES' when creating any new CNA, streamlining the process and reducing the need for manual input.
- **Admin function Enhancement:**
 - Admin users can now update CNA organization information. HUD users with access to the Reports tab can also navigate directly from the CNA Comparison page.

- Update the CNA Quarterly Report on the UI to include the full Property Street Address for all of the CNAs; The output fields now contain Property Name, Street, City, and State regarding addresses.
- Azure BLOB Filename/File IDs Cleanup: The filenames and file IDs in Azure BLOB storage have been cleaned up and are now aligned with Attachment IDs for improved consistency and better management.

Bug Fix:

- Due to component changes from the Angular upgrade, a bug has been fixed to ensure that Lender users can now see the 'Start New Assessment' button to create new assessments.

Service Integration Updates (*Deployment to Staging Date: 2/28/2024*)

N/A

Version: v3.2.6.0

Effective Release Date: 1/10/2025

This release includes important updates and enhancements designed to improve performance, accessibility, and UI consistency, while mitigating security vulnerabilities associated with end-of-life (EOL) software.

1. Angular Upgrade: v13 to v18

- Upgraded the Angular framework from v13 to v18 to take advantage of the latest features, performance improvements, and security patches.

2. Bootstrap Upgrade: v4 to v5

- Updated from Bootstrap v4 to v5.3, which includes significant improvements in design flexibility and functionality to address end-of-life (EOL) concerns.

3. 508 Compliance Fixes (GLOBAL update)

- The focus state for the 'X' button to close dialogs has been improved for screen readers and keyboard navigation.
- Checkboxes now visually indicate when they are in focus, enhancing usability.

Other Improvements for admin users: Enhance the admin function to allow admin users to update CNA organization information. Ensure HUD reviewers with access to the Reports tab can navigate directly from the CNA Comparison page.

Service Integration Updates (*Deployment to Staging Date: 12/23/2024*)

N/A

Version: v3.2.5.0

Effective Release Date: 10/25/2024

This release aims to enhance the side-by-side assessment comparison feature and chart functionality, providing HUD internal users with more flexible options for data management and presentation.

1. Side-by-Side Comparison Export to Excel:

- HUD Reviewers can now export side-by-side comparisons directly to Excel, providing a more efficient way to analyze and manipulate data.

2. Print Charts in HTML format:

- We've introduced the ability to generate an HTML print file for charts, enabling authorized admin users to print and save visual data directly from the system.

Service Integration Updates *(Deployment to Staging Date: 10/9/2024)*

N/A

Version: v3.2.4.0

Effective Release Date: 09/27/2024

Enhancements

3. Side-by-Side Assessment Comparison:

- Overview:
A new side-by-side comparison screen has been implemented to assist HUD reviewers in better comparing the changes made in new submissions cloned from the last returned version.
- Key Features:
 - Reviewers can now view two versions of key assessment tabs side by side, making it easier to identify changes.
 - A print option has been added, allowing reviewers to print the comparison for offline review.

4. CNA Summary Page Update:

- New Data Field:
 - A "Certification Type" field has been added to the summary page. This new field captures the relevant certifications for Green MIP assessments.

5. Component/Alternative Page Update:

- New Data Field:
 - A "Primary Energy Source" field has been added to the Component and Alternative, enabling more detailed tracking of energy sources in the assessment process. Additionally, the copy-paste function has been refactored to support the new Primary Energy Source fields.

6. Quarterly Reports Enhancement:

- Overview:
 - Existing CNA Quarterly Report now automated on the CNA e-Tool.
 - Authorized HUD staff can now generate data pull reports and export them to Excel.
 - Charts can be created based on various filtering and breakdown options, improving the flexibility and usefulness of data pull reports.

Bug Fixes

1. Component/Alternative Display:

- Resolved an issue where calculations fields were not displayed on the UI for all submitted CNAs.

2. CNA Submission Logic:

- Updated the submission logic to prevent missing, null, or duplicate FHA/Property ID numbers, ensuring more accurate submissions.

Service Integration Updates (*Deployment to Staging Date: 09/6/2024*)

N/A

Version: v3.2.3.0

Effective Release Date: 07/26/2024

Financial Factors page Enhancements:

- Added a conditional question: 'Does this property have a loan?' to the Financial Factors' page to enhance the flow.

RFR Ending Balance Enhancement:

- Updated the Compliance Indicator for the Reserve for Replacement ending balance analysis using the revised formula for years 11 to 20.

Annual Deposit Schedule Enhancement:

- Updated the 'Base ADRR Amount' column to be consistent across Year 1-10 on the Annual Deposit Schedule table on the Reserve for Replacement page.

Admin Tool Enhancement:

- Enhanced the Admin page to allow administration users to set up new organizations in the CNA eTool.

Bug fixes:

1. Improved the documents upload and 'Create New Version' functionality in the document cloning process to prevent errors when the parent CNA is missing documents.

Service Integration Updates (*Deployment to Staging Date: 07/22/2024*)

N/A

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 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
