

**Version: v3.2.11.0**

**Effective production release Date: 12/19/2025**

**Enhancements**

- Enhanced Submission Process with Added Progress Tracking – The system now provides real-time progress updates during submission validation, giving users clear visibility into the status of assessment submissions.
- Refactored backend submission processes to prevent ‘Oops’ errors on large submissions.
- Refined the ‘ADRR Adjusted ADRR Based on Rate(s) of Change’ calculation so that its values align with the Annual Deposit amount in the Financial Schedule.

**508 Compliance Fix**

- Added accessible names to 11 elements on the Components/Alternatives/Recs page and to elements within the expanded Alternatives Definition(s) section and the submission box, improving screen reader support and meeting Section 508 requirements.
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**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

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**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

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**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

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**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

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**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

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#### **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

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### **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*)

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