

## **2024 Release Notes Summary**

### **Versions v3.2.1.0 – v3.2.4.0**

Below is a consolidated summary of all 2024 releases, highlighting major enhancements, security updates, accessibility improvements, reporting upgrades, and bug fixes.

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#### **Version v3.2.4.0**

**Effective Release Date:** September 27, 2024

**Deployment to Staging:** September 5, 2024

#### **Enhancements**

##### **Side-by-Side Assessment Comparison**

- Implemented a new comparison screen enabling HUD reviewers to view two assessment versions side by side.
- Simplifies identification of changes between cloned submissions.
- Added a print option for offline review.

##### **CNA Summary Page Update**

- Added a “Certification Type” field to capture relevant certifications for Green MIP assessments.

##### **Component/Alternative Page Update**

- Added a “Primary Energy Source” field to enhance energy source tracking.
- Refactored copy-paste functionality to support the new field.

##### **Quarterly Reports Enhancement**

- Automated the existing CNA Quarterly Report within the CNA e-Tool.
- Authorized HUD staff can generate reports and export to Excel.
- Added dynamic chart generation with filtering and breakdown options.

#### **Bug Fixes**

- Resolved UI issue where calculation fields were not displayed for submitted CNAs.
  - Strengthened CNA submission logic to prevent missing, null, or duplicate FHA/Property ID numbers.
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#### **Version v3.2.3.0**

**Effective Release Date:** July 26, 2024

**Deployment to Staging:** July 22, 2024

### Enhancements

- **Financial Factors Page:** Added a conditional question, “*Does this property have a loan?*” to improve workflow logic.
- **Reserve for Replacement (RFR) Ending Balance:** Updated compliance indicator formula for years 11–20.
- **Annual Deposit Schedule:** Standardized the “Base ADRR Amount” column across Years 1–10.
- **Admin Tool Enhancement:** Enabled admin users to create new organizations directly within the CNA e-Tool.

### Bug Fix

- Improved document upload and “Create New Version” cloning process to prevent errors when parent CNAs lacked documents.

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### Version v3.2.2.0

**Effective Release Date:** June 14, 2024

**Deployment to Staging:** May 10, 2024

### Security & Infrastructure Update

- **UCM Replacement:** Migrated CNA documents to Azure Blob storage to mitigate security vulnerabilities.

### Copy-Paste & Export Enhancements

- Improved copy-paste functionality on Utility and Financial Factors pages.
- Refactored date fields to accept all date formats during copy-paste.
- Added a Utility page legend to assist with data entry.
- Implemented validation to flag letters entered in numeric fields.
- Updated export and copy-paste synchronization for components/alternatives/recommendations.
- Included RFR Annual Ending Balance and Schedule in CNA export.
- Upgraded export to excel format.

### UI & Validation Improvements

- Enhanced visibility of annual comparison tables (comma formatting and rounding).

- Strengthened Property ID validation across Asset Management, Development, and Recapitalization CNA types.
- Implemented session timeout functionality managed by Admin users.
- Introduced automated email notifications to HUD Reviewers upon CNA assignment.

### **508 Compliance Fixes**

- Enabled full keyboard navigation on Component/Alternative/Recommendation page.
  - Ensured left sidebar remains visible at 200% zoom.
  - Improved focus management when revealing dynamic content.
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### **Version v3.2.1.0**

**Effective Release Date:** March 8, 2024

**Deployment to Staging:** February 16, 2024

### **Enhancements**

- Added “Greenhouse Gas” column to the Repair Needs Analysis table.
- Introduced logout functionality.
- Added “*Hire a Needs Assessor*” Yes/No question for specific program types.
- Launched a new “Reserve for Replacement” page with a 10-year Annual Deposit Schedule calculation.
- Expanded Financial Schedule & Estimate Period Recap to include RFR Ending Balance Analysis.
- Enabled Property Owners to access, upload documents, and provide commentary.
- Added Property Owner user role and retained ownership data during CNA cloning.
- Enhanced printing capabilities for Financial Schedule & Estimate Period Recap tables.
- Expanded Financial Factors page to support Green and Resilient Retrofit Program (GRRP) needs.
- Updated copy-paste to accept Yes/No values in the Green Alternative Indicator field.
- Improved flag validation logic (FN-003) and introduced new flag FN-005 for minimum balance compliance.

### **Bug Fixes**

- Refactored validation logic for Flags PI-008 and PI-009.