

## CONDITION ASSESSMENT INFORMATION SYSTEM (CAIS)

**Date:** December 21, 2021  
**To:** CAIS User Community  
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Office of Asset Management (MA-50)  
**Subject:** Condition Assessment Information System (CAIS) Version 3.42 Release



Today, Tuesday, December 21, 2021, version 3.42 of the Condition Assessment Information System (CAIS) was released. This release addresses the following enhancements.

### **Life Cycle Cost Estimating**

Life Cycle Cost estimating has now been incorporated into the CAIS Cost Estimating module. This will provide preventive maintenance, maintenance & repair, and replacement Life Cycle cost for **Replacement Plant Value (RPV)** cost estimates that are linked to a FIMS asset. These cost estimates must be based on a **RPV** model. Life Cycle cost offers many benefits which include identifying maintenance and repair activities needed to keep facilities in good working order, help to eliminate a backlog of repairs and can also be beneficial for the planning/budgeting of facility preventive, repair, and replacement costs.

- A Life Cycle cost estimating icon will now display on the Estimate Detail window adjacent to the **Property ID** for any custom model estimate that is linked to a FIMS asset. Upon clicking this button, a Life Cycle spreadsheet will be produced that includes both a detailed and summary sheet.
  - The detailed sheet of the Life Cycle Cost will include asset and model information, model assembly list which includes preventive, maintenance & repair, and replacement cost as well as Life Cycle cost projections for 50 years.
  - The summary sheet will summarize the Life Cycle cost by year and will also include indexed cost based on a user entered inflation percentage. The default inflation percentage is 3.5% but the value can be updated and the costs on this sheet will be automatically recalculated.

### **System Documentation**

- The CAIS User's Guide has been updated to reflect the enhancements included in this release. This document can be obtained from the CAIS website at <https://fims.doe.gov/caisinfo/doc.html>.

If you have any questions related to these enhancements, please contact the FIMS/CAIS Help Desk at 410-482-0111 or via email at [fims\\_cais\\_help@hq.doe.gov](mailto:fims_cais_help@hq.doe.gov).