

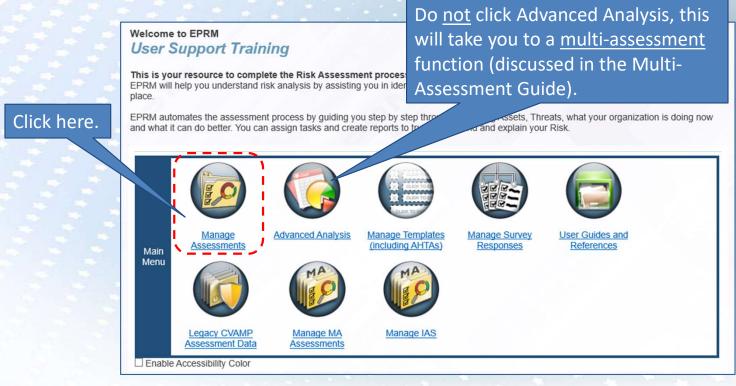
# Analysis & Mitigation User Guide

EPRM v3.63, March 2022

EPRM User Support: eprmhelp@alionscience.com 1.800.754.4204

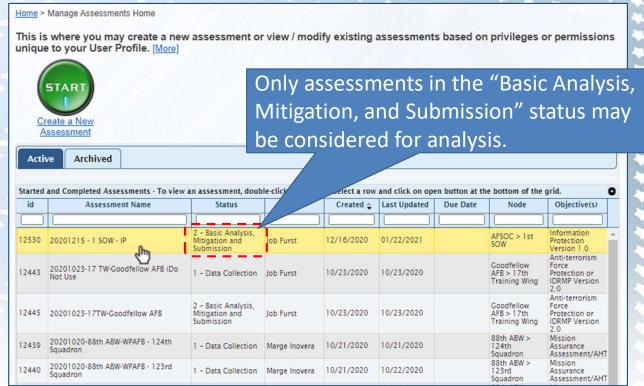
### **Getting Started with Analysis:**

From the home page, begin by clicking the Manage Assessments activity button. Users will select the assessment to include in the analysis on the following screen.



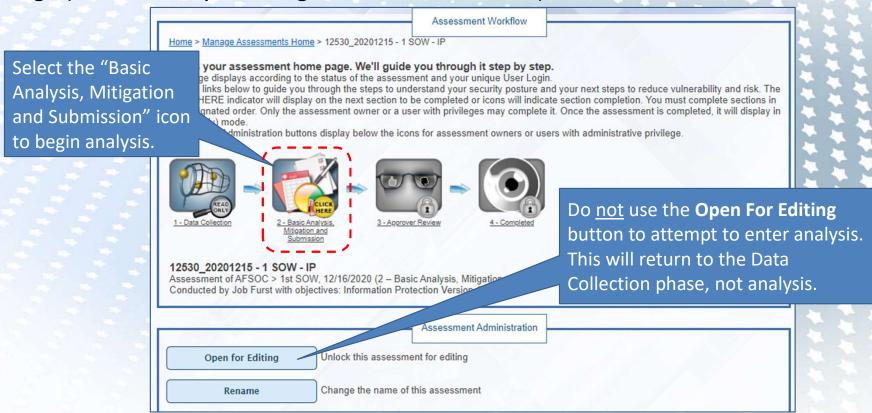
### **Analysis:**

The Manage Assessments Home page grid contains all completed or in process assessments under the user's cap node in the hierarchy. Double-click the assessment you wish to select for further analysis.



### **Analytical Phase Initiation:**

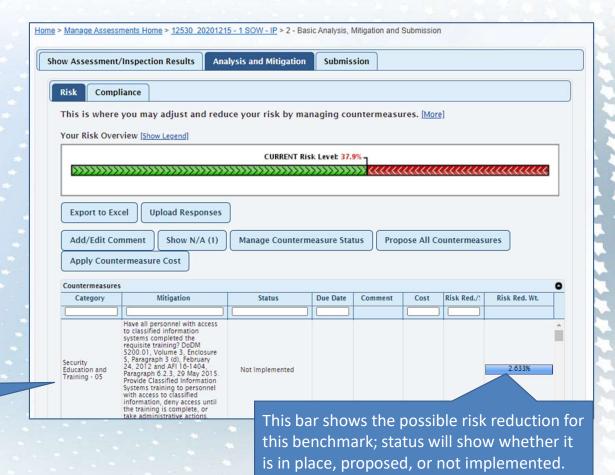
On the Assessment Workflow page, click the icon highlighted by the "CLICK HERE" badge (2-Basic Analysis, Mitigation and Submission).



### **Analytical Phase:**

The "work area" for analysis is shown here. At the top is a bar graph depicting the current risk level for the assessed unit. Below that, in the grid, are all the benchmarks including their Risk Reduction Weight percentages, and implementation status.

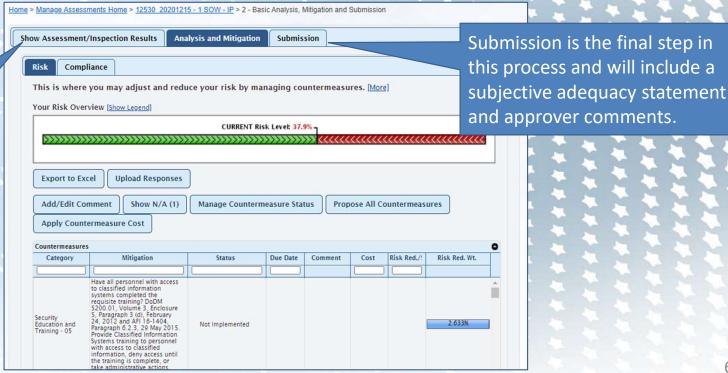
All benchmarks are listed in this grid, whether they are in place or not.



## **Analytical Phase (page orientation):**

At the top of the page there are three tabs, the screen opens to Analysis and Mitigation, where the user analysis work will begin. The additional tabs, Show Inspection Results and Submission are for follow-on action after the analysis is complete.

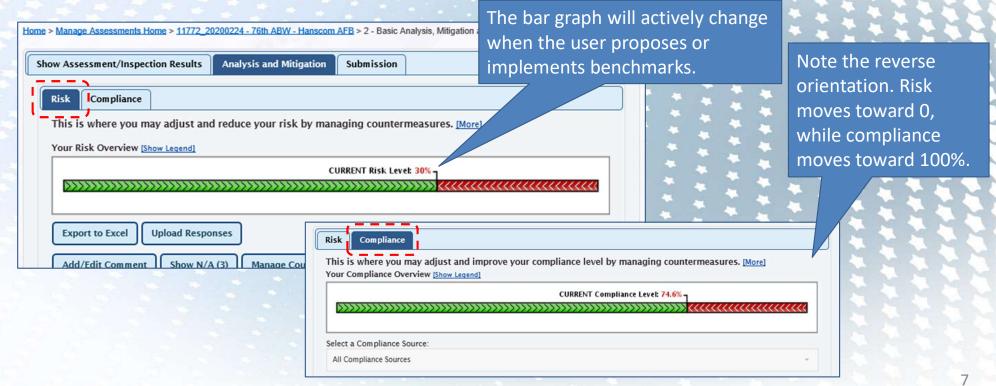
The Inspection Results tab is used for recurring actions, e.g., reinspections, and will appear after the first submission action is completed.



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### Analytical Phase (page orientation, cont'd):

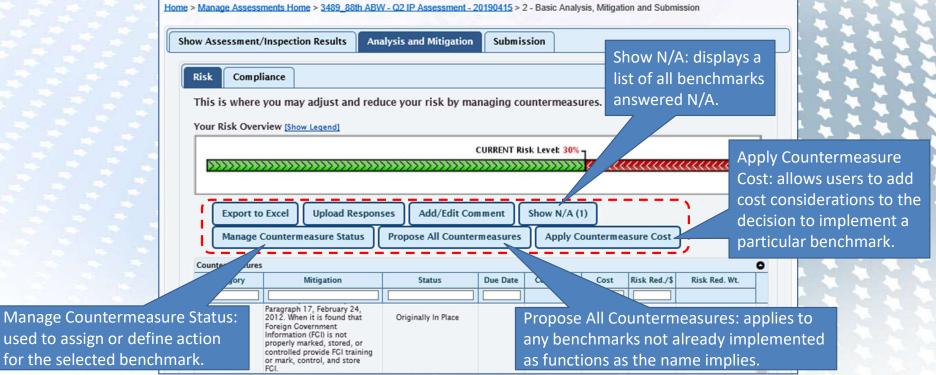
The second tier of tabs depict risk and compliance. Risk is the primary focus and is the default, but clicking on the Compliance tab will switch to a depiction of benchmarks with regard to regulatory and other guidance.



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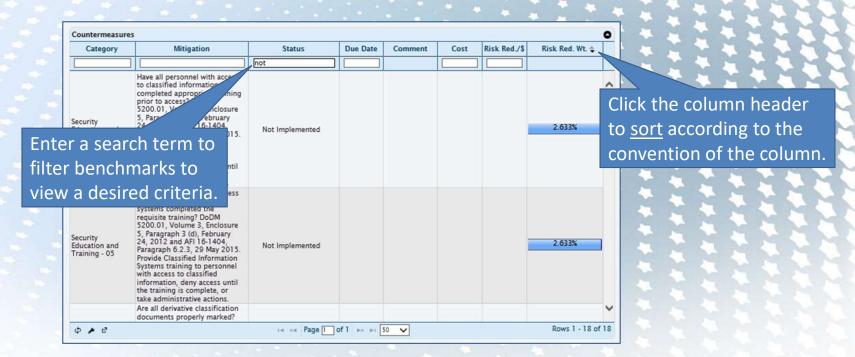
### Analytical Phase (page orientation, cont'd):

Between the bar graph and the countermeasure grid there are four action buttons: **Show N/A, Manage Countermeasure Status, Propose All Countermeasures,** and **Apply Countermeasure Cost.** These are the principal tools for risk response and mitigation analysis.



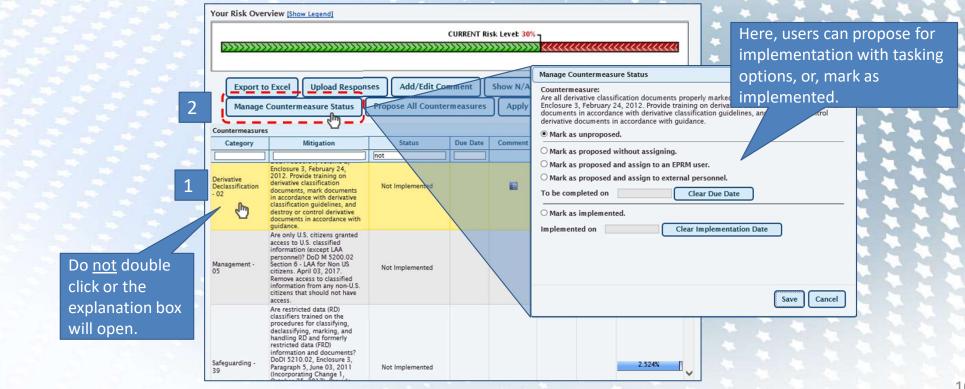
### **Analytical Phase (continued):**

During initial analysis, users should review the benchmarks in the grid with an eye to the measures not implemented and the risk reduction weight (amount of risk reduced if implemented). To assist in this review, use of grid filter and sort features can be applied, e.g., sort to display the greatest to least risk reduction weight, and filter to display only benchmarks not implemented.



### **Analytical Phase (continued):**

After reviewing, the user may select a particular benchmark to propose or implement. To do this, highlight the benchmark by clicking on it (1) (it will be highlighted in yellow). Then select **Manage Countermeasure Status** (2). A new dialog box will open to allow various choices as shown.

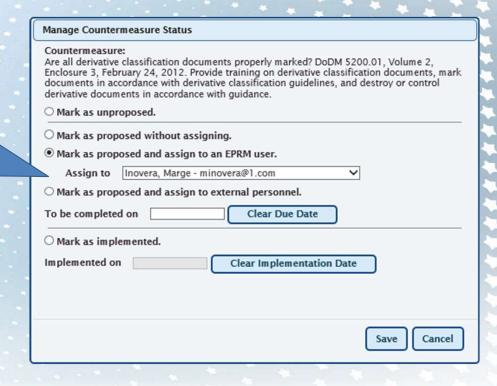


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### **Analytical Phase (continued):**

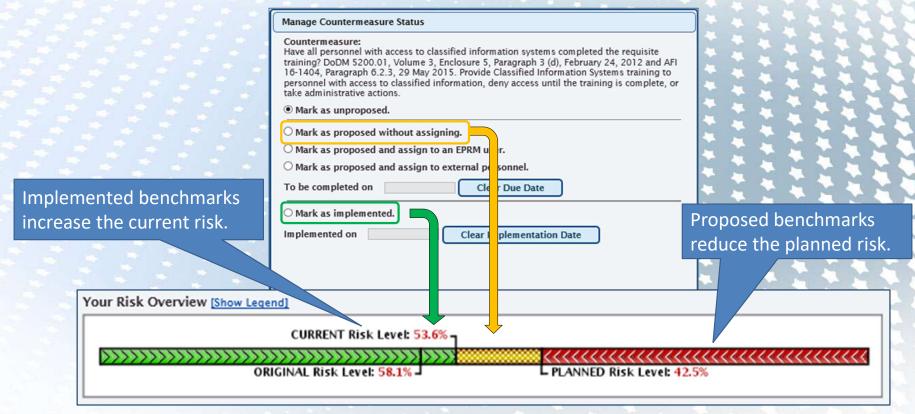
**Manage Countermeasure Status** allows the user to mark a benchmark as implemented, e.g., an on the spot correction during an assessment might warrant this selection. It also allows for proposing, or proposing and assigning tasks for execution.

If an EPRM user is assigned a task, the program will automatically generate an email notification. Selection of either EPRM users or external personnel, will make the "to be completed by" date required.



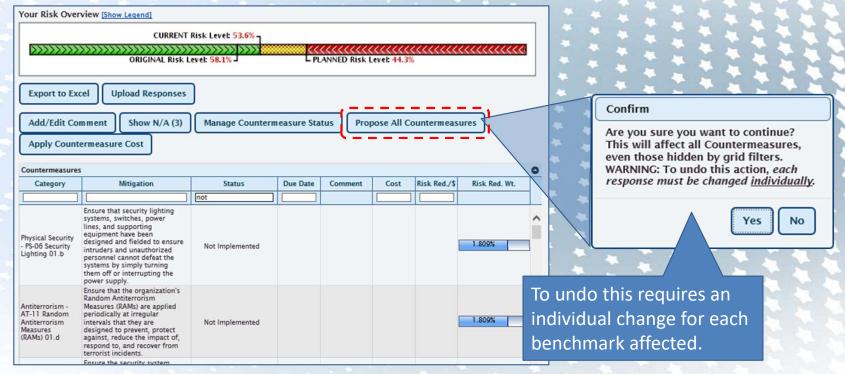
### **Analytical Phase (continued):**

As stated above, the risk bar graph changes as benchmarks are implemented and proposed. Therefore, as each action is taken, the bar will adjust to reflect that action.



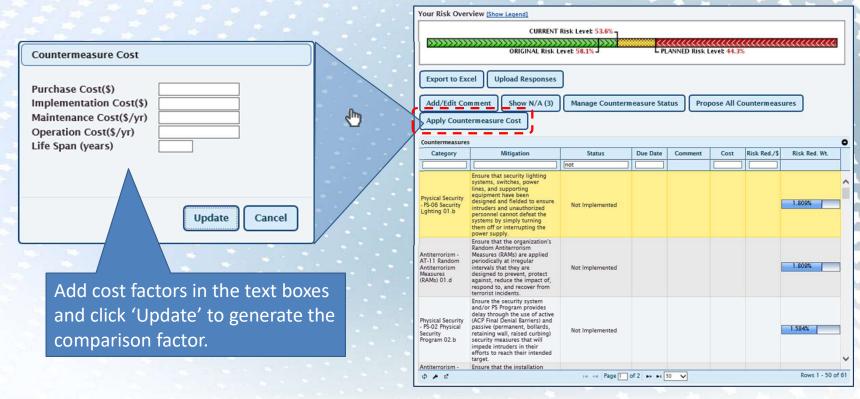
### **Analytical Phase (continued):**

If, after reviewing, the user intends to propose **all** the unimplemented benchmarks, he or she will select **Propose All Countermeasures.** This will open a confirmation box to ensure that the user understands that executing this selection may not be undone with a similar, collective command.



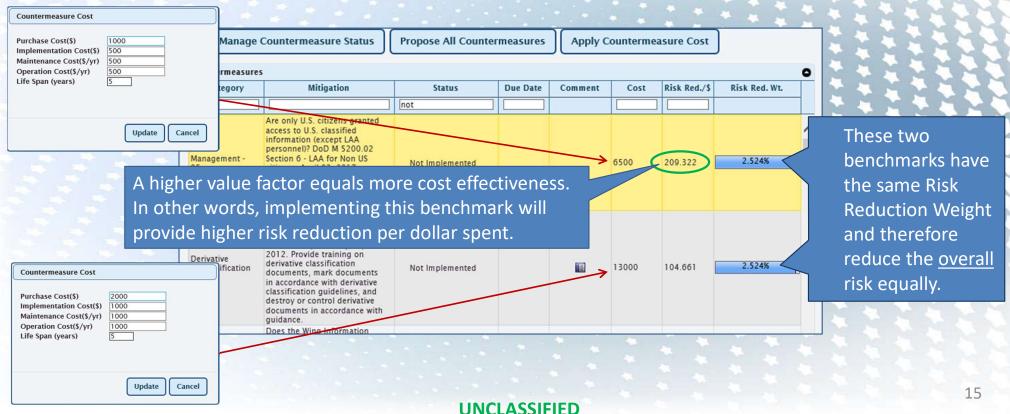
### **Analytical Phase (continued):**

Users can also do a simple cost analysis with **Apply Countermeasure Costs.** This will open a dialog box that allows the user to apply a set of cost factors that will generate a comparative factor to aid in comparing costs of different benchmarks for implementation.



### **Analytical Phase (continued):**

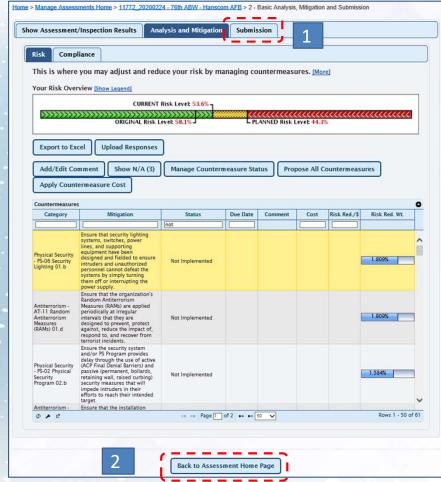
Using the **Apply Countermeasure Cost** feature, two benchmarks can be compared for cost effectiveness prior to implementation. When cost factors are applied a value factor is generated that gives a relative value to each countermeasure for comparison.



### **Analytical Phase (continued):**

When all selections have been made with regard to benchmark proposal and implementation, the analysis and mitigation phase is complete. The user may continue to **Submission** (1), or, click **Back to Assessment Home Page** (2) to return at a later date or time.

CAUTION: Once an assessment is submitted for review it is no longer accessible to the Assessor and may require an Assessment Manager to "reject" the assessment back to the Assessor. Few organizations utilize the Submission and Approver Review features. Unless you know your organization has a process in place for reviewing and approving assessments, an assessment should be considered "completed" after the 1-Data Collection phase.



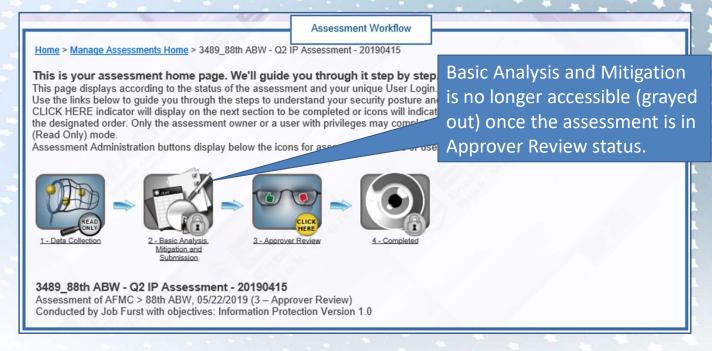
### **Submission Phase:**

Selecting Submission (1) Show Assessment/Inspection Results **Analysis and Mitigation** Submission opens an Inspection Results Compliance page. Answer pull downs as This is where you may adjust and reduce your risk by managing countermeasures. [More] Your Risk Overview [Show Legend] appropriate, then Submit (2). CURBENT Risk Level: 53.6% -ORIGINAL Risk Level: 58.1% Home > Manage Assessments Home > 3489 88th ABW - Q2 IP Assessment - 20190415 > 2 - Basic Analysis. Mitigation and Submission pload Responses Add/Edit/Comment Show N/A (1) Show Assessment/Inspection Results **Analysis and Mitigation** Propose All Countermeasures Apply Countermeasure Cost Assessment/Inspection Results Due Date Risk Red /\$ Risk Red. Wt. Please answer the following questions about the assessment/inspection to finalize your results Is the assessed/inspected node adequate to pass --Select-assessment/inspection? \* Does the assessed/inspected node require a reassessment/reinspection? --Select-- V To be completed by Clear Due Date Select Adequate/Not Adequate from the dropdown menu. If not adequate, a comment is Comments (required for not adequate assessment/inspection) required and a re-inspection question becomes active. If adequate, select "Submit". Submit

Back to Assessment Home Page

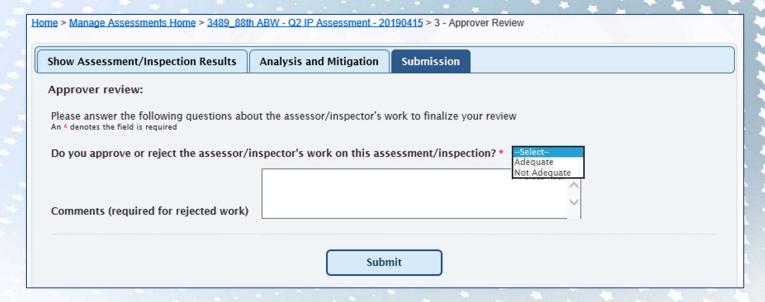
### **Review Phase:**

After clicking Submit, the user is returned to the Assessment Workflow. Unless the reviewer/commander refers the assessment back for further action, it is now complete at the Assessor/user level. The Approver Review process is illustrated on the following pages.



### **Review Phase:**

Commanders/Assessment approvers will utilize the "Submission" tab to finalize the assessment approval process (provided their organization has a defined approval process). Answer the single approval question, "Adequate" or "Not Adequate" from the drop down list. A comment is required for assessments deemed not adequate. Rejected assessments return to the assessor for further action, while approved assessments are finalized (as shown on the next page).



### Review Phase (continued):

Once the reviewer/commander has completed a review of the assessment and approves the assessment review, the assessment cycle is fully complete and the file becomes "Read Only". The data collection portion may be opened in read only form and no further action may be taken on the assessment.

Assessment Workflow

Home > Manage Assessments Home > 3489\_88th ABW - Q2 IP Assessment - 20190415

#### This is your assessment home page. We'll guide you through it step by step.

This page displays according to the status of the assessment and your unique User Login.

Use the links below to guide you through the steps to understand your security posture and your next steps to reduce vulnerability and risk. The CLICK HERE indicator will display on the next section to be completed or icons will indicate section completion. You must complete sections in the designated order. Only the assessment owner or a user with privileges may complete it. Once the assessment is completed, it will display in (Read Only) mode.

Assessment Administration buttons display below the icons for assessment owners or users with administrative privilege.



#### 3489\_88th ABW - Q2 IP Assessment - 20190415

Assessment of AFMC > 88th ABW, 05/22/2019 (4 – Completed)
Conducted by Job Furst with objectives: Information Protection Version 1.0

### Final Note: User Assistance

For additional user assistance, please utilize the following references and POCs:

- Accessing system: (SIPRNET) <a href="https://eprm.csd.disa.smil.mil">https://eprm.csd.disa.smil.mil</a>
- Help: For assistance and for any questions, please email
   <u>EPRMhelp@alionscience.com</u> or call 1-800-754-4204. 0700-1700

   Eastern time

### • Resources:

On SIPR, check the User Guides and References section.



 On NIPR, User guides, videos & other materials are available on the EPRMHelp page: <a href="http://eprmhelp.countermeasures.com">http://eprmhelp.countermeasures.com</a>