CHAPTER 13 – REPORTS

Reports Overview 2
Survey Reports and Analysis 2
Analyzing a Single Question 4
Summary Tab 5
Detail Tab 5
Generate Analysis Report 6
Generate PPP Dashboard Report (Recommend ASM Report) 8
Overall Program Protection Plan Status 9
Program Protection Plan Compliance 9
Program Protection Plan(s) Included 9
Generate Survey Compliance Report (Recommended ASM Report) 10
Assessment Reports and Analysis 11
Advanced Analysis 11
Multiple Assessment Reports 14
Summary of Available Reports 14
ASM Dashboard Report (recommended) 14
Single Assessment Reports 16
Statement of Work (SOW) Report 18
Executive Summary Report 18
Appendix A Sample Reports 20
Appendix B Sample Executive Summary Report 21

CHAPTER 13 – REPORTS

Reports Overview

ERPM has many reports available for surveys and assessments. ASM also has several customized reports specifically designed to show an at a glance look at your program.

Let's first look at Survey Reports and Analysis.

Survey Reports and Analysis

All Survey Reports are available through Survey Analysis. You can run a report on a single survey or multiple surveys.

To run a report, follow the steps below:

1. **Login** into ASM
2. Click on **Survey Analysis**

Figure 1 Survey Analysis is located on the main page.

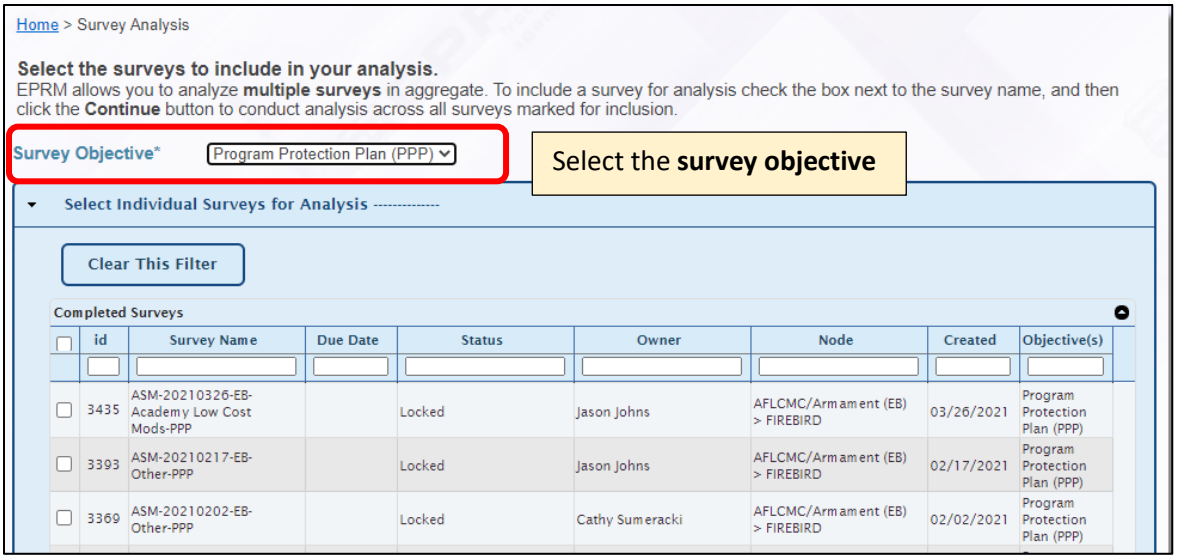


Figure 2 Select the survey objective to be analyzed.

3. **Select** the **survey objective**.

Surveys shown have been completed, finished, and locked *and* released for viewing by the user. Unreleased or unlocked surveys do not show in reports.

4. **Select the survey (s)** to include in the report. Note: You can use the filter boxes to further filter for specific surveys.
5. Click on **Continue to Analysis**.

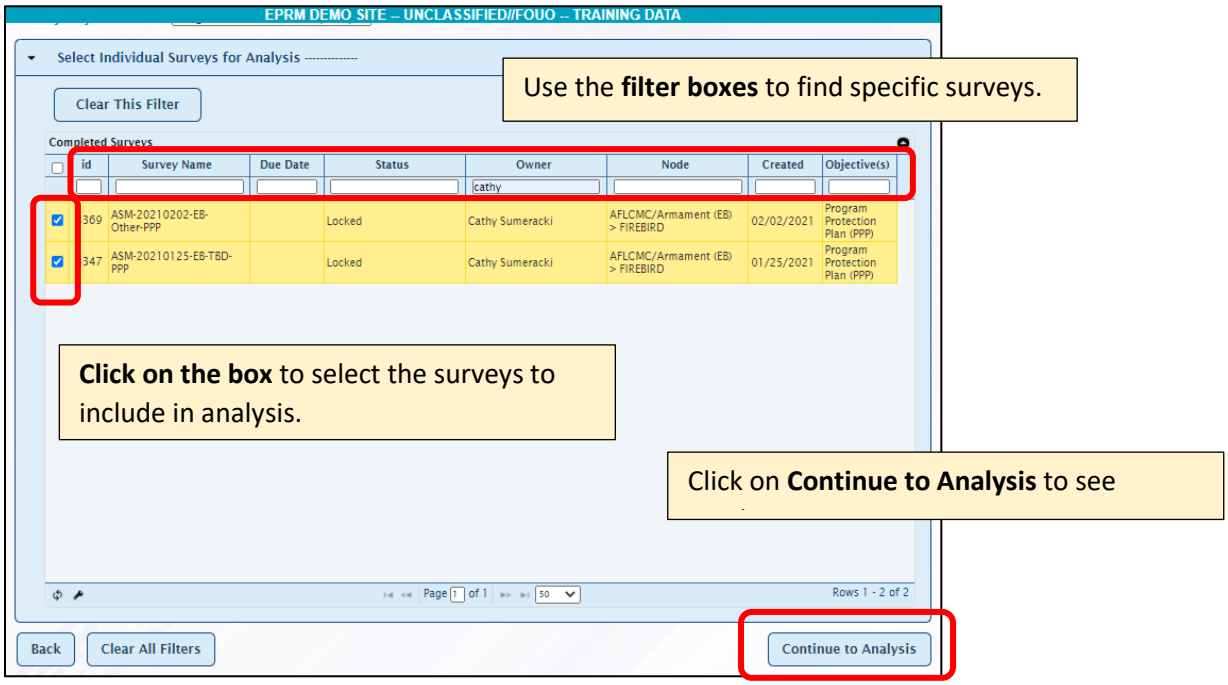


Figure 3 Select the surveys to be included in the report then click "Continue to Analysis".

This brings you to the main Survey Analysis page.

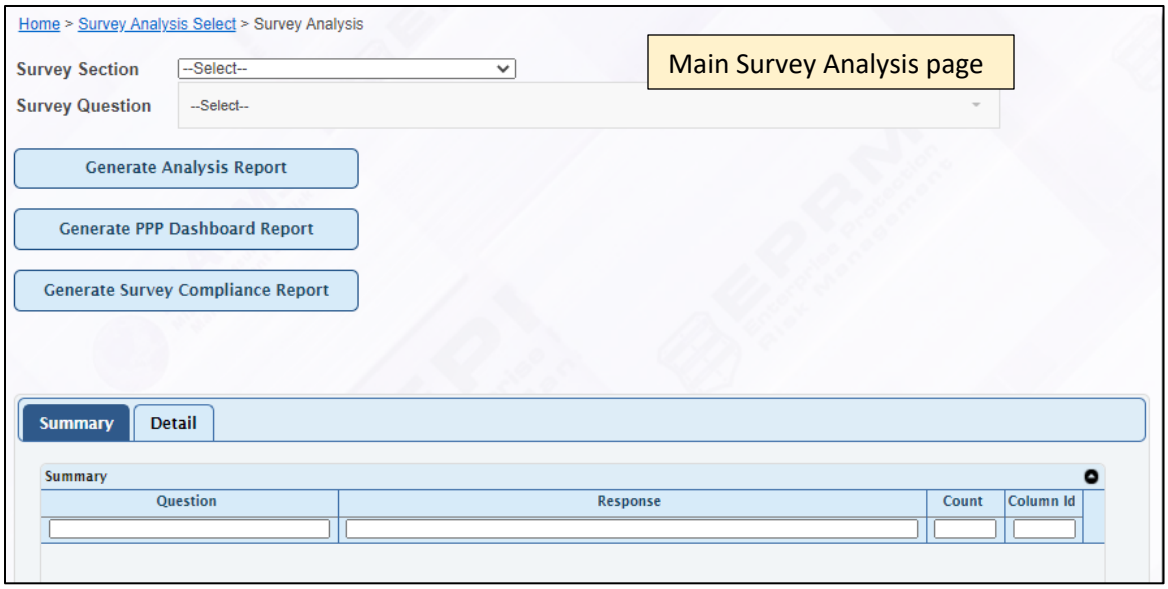


Figure 4 Main survey reports and analysis page

Analyzing a Single Survey Question

If you would like to look at how a single question was answered across multiple surveys, select the survey section where the question resides then select the question. The results will show in the grid. For example, if you would like to know how many programs have included their SCG as part of the RFP, you would follow the steps below.

1. Select Page 1 of the survey. This is where this question is located.
2. Select question 5, "Is the current and valid Program Security Classification Guide (SCG) identified in the RFP/SOW/SOO and required on the DD Form 254?"

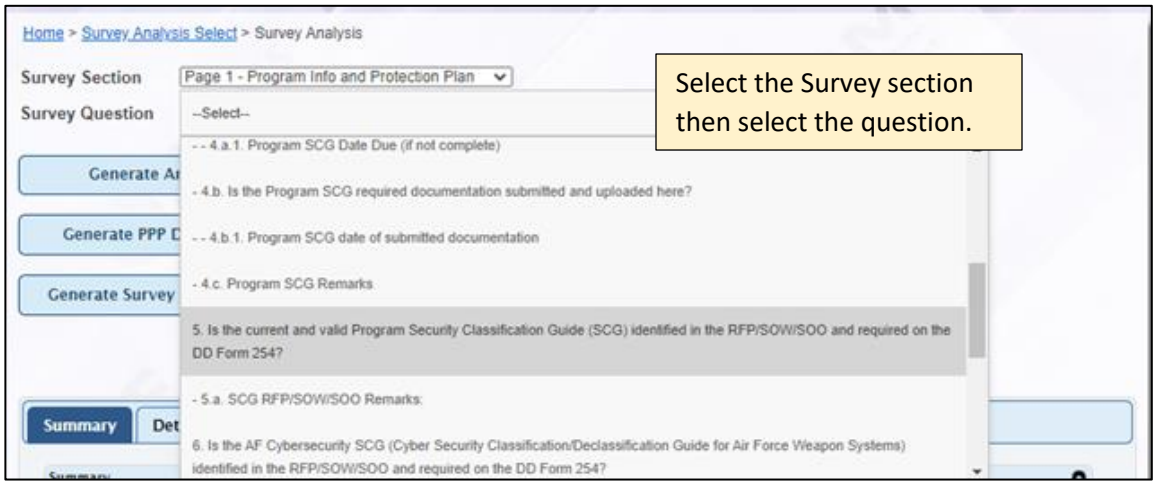


Figure 5 Select the page of the survey then select the question to analyze.

The results show on the screen.

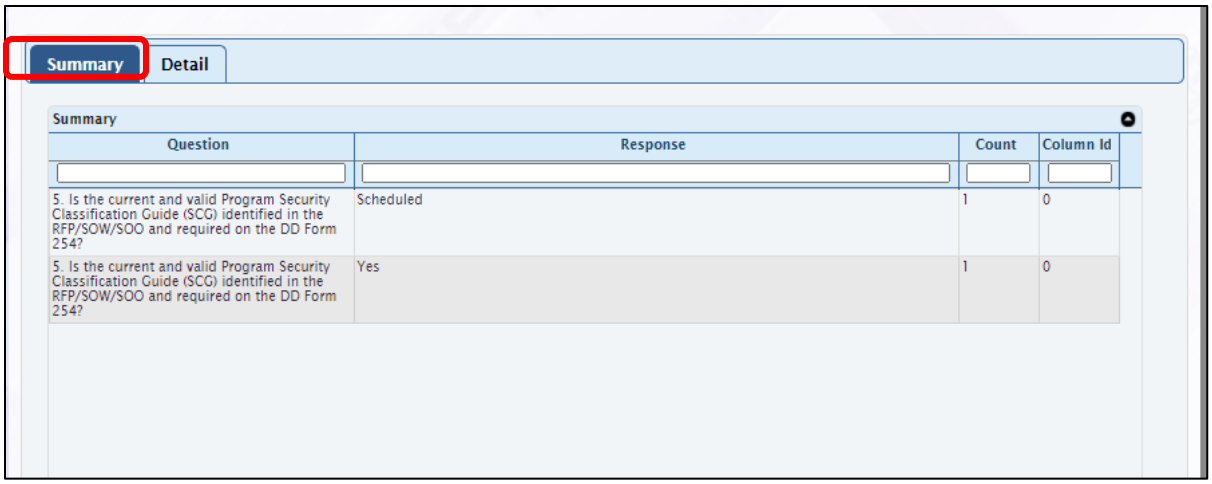


Figure 6 Results of the analysis defaults to the summary tab but you can also see the deatil by clicking on the detail tab.

Summary Tab

The summary tab shows the *count* of the answers. In this example, one program answered ”Scheduled” while the other answered “Yes”.

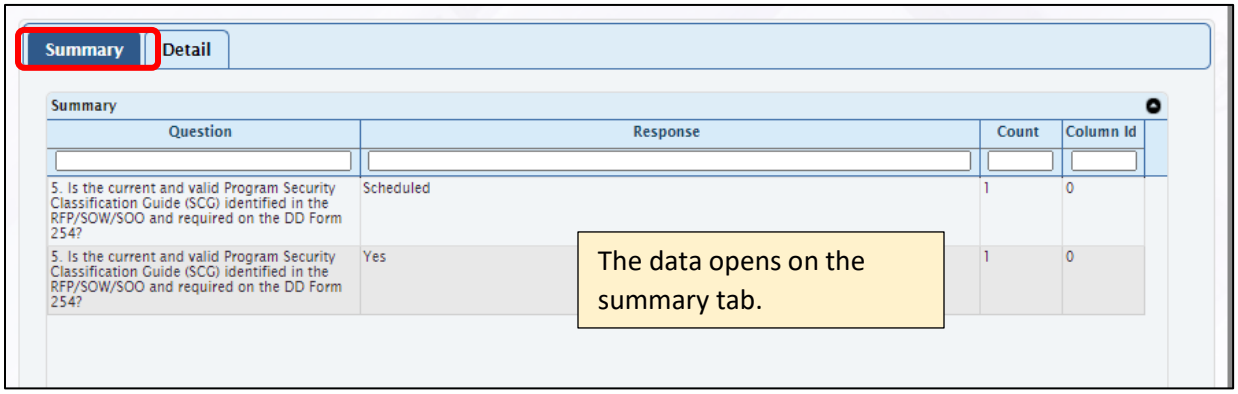


Figure 7 The summary tab shows the count of answers.

Detail Tab

Click on the detail tab to see the *details* of every survey included in the analysis.

Repeat the process for any of the questions included in the survey.

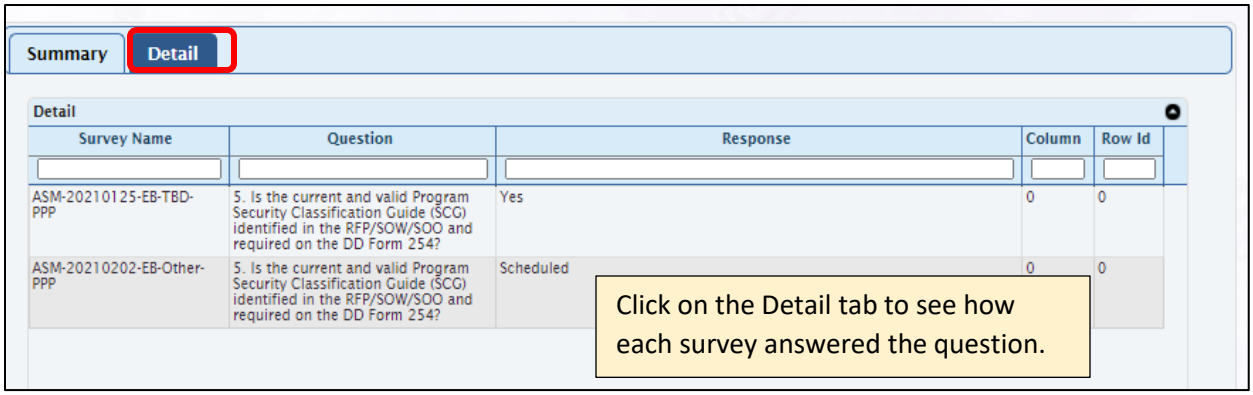


Figure 8The detail tab shows how each survey answered the question.

Generate Analysis Report

If analysis of all data is needed, you can use the Generate Report button. This will create a spreadsheet of all questions for all surveys included in the analysis. This can be used as a single analysis tool within Excel or as a data file for use in other non-ASM programs.

Click on the Generate Analysis Report button. The report is generated as an Excel file located towards the bottom of the screen. Click on the file to open and/or save it.

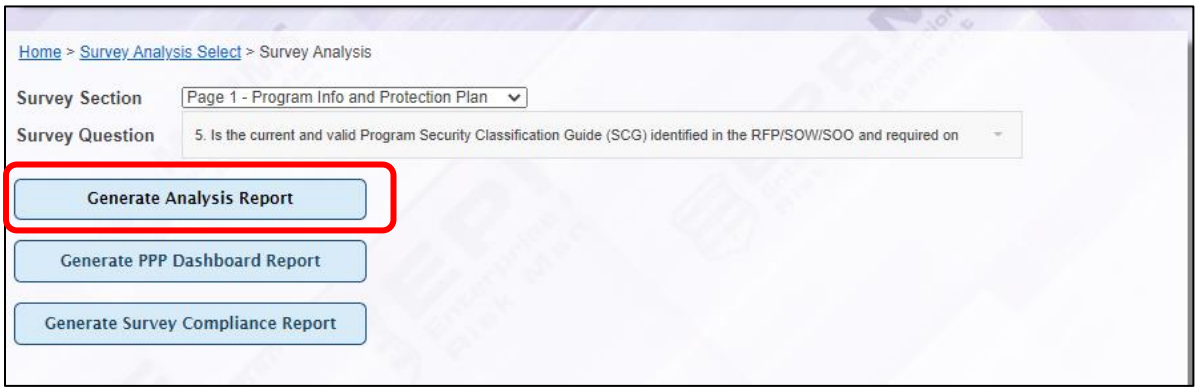


Figure 9 Use the report buttons to generate customized reports.

Like the single question functionality, the summary tab shows the count of how each question was answered and the detail tab shows the detail of how each program answered each question. If you need to make changes to this file, you must first click on Enable Editing. Note: Changes made to this file occur outside of ASM and will not be reflected in the tool.

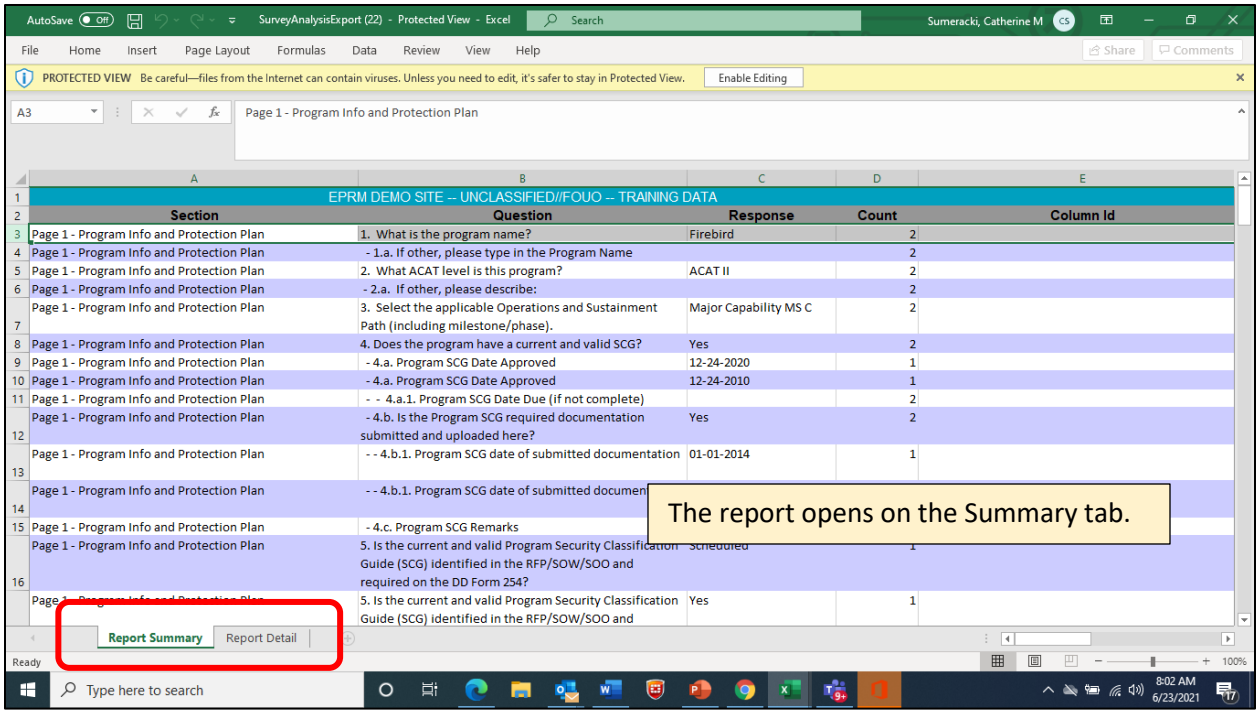


Figure 10 The Analysis Report has a summary tab and a detail tab. The summary tab shows the count of answers.

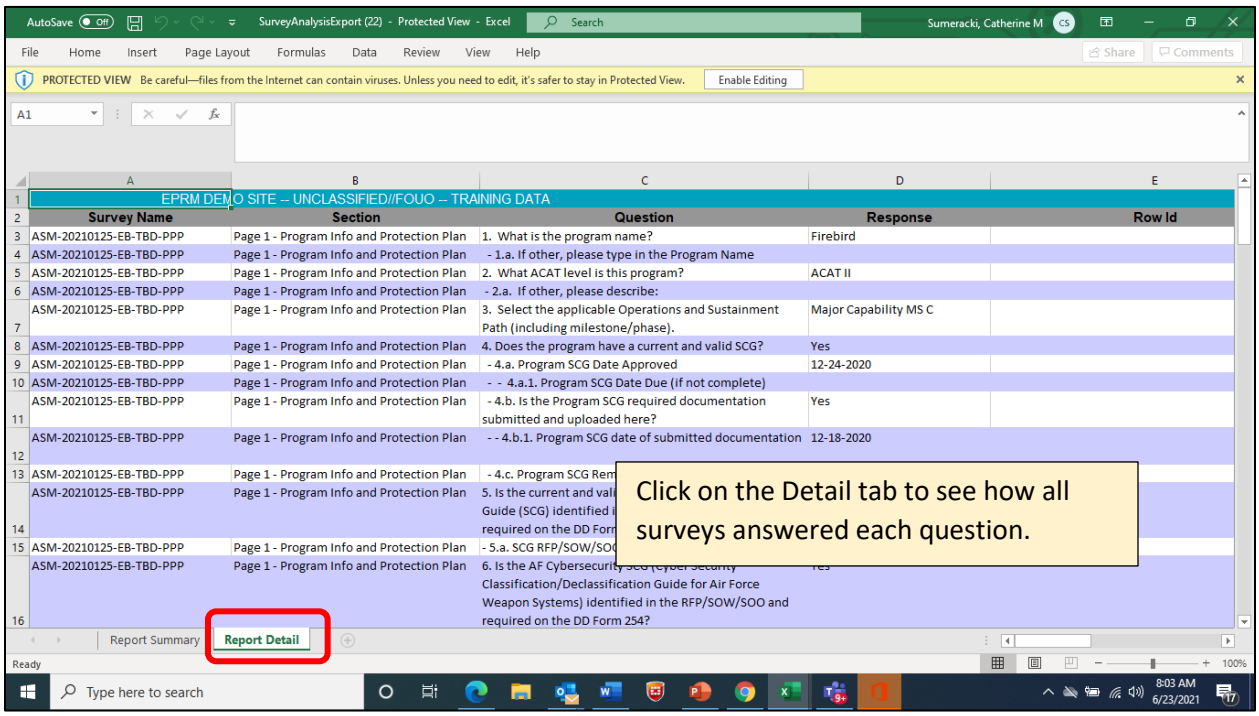


Figure 11 The details tab shows how each question was answered in each survey.

Generate PPP Dashboard Report (Recommend ASM Report)

Click on the Generate PPP Dashboard Report button. This ASM Program Protection Plan (PPP) Dashboard provides an at-a-glance view of the PPP status for selected programs. Selections are made by the user using the Survey Analysis filter and selecting one or more PPP surveys. This could be all PPP surveys in a center, a single PPP survey or other parameters. PPP Surveys included in this report are shown at the bottom of the page under "Program Protection Plan(s) Included". This is a recommended report for ASM and can be used to enhance review of overall Program Protection Planning.

Like the other reports, it is exported as an Excel file. It opens to the instructions page so click on the Dashboard Report tab to view the report.

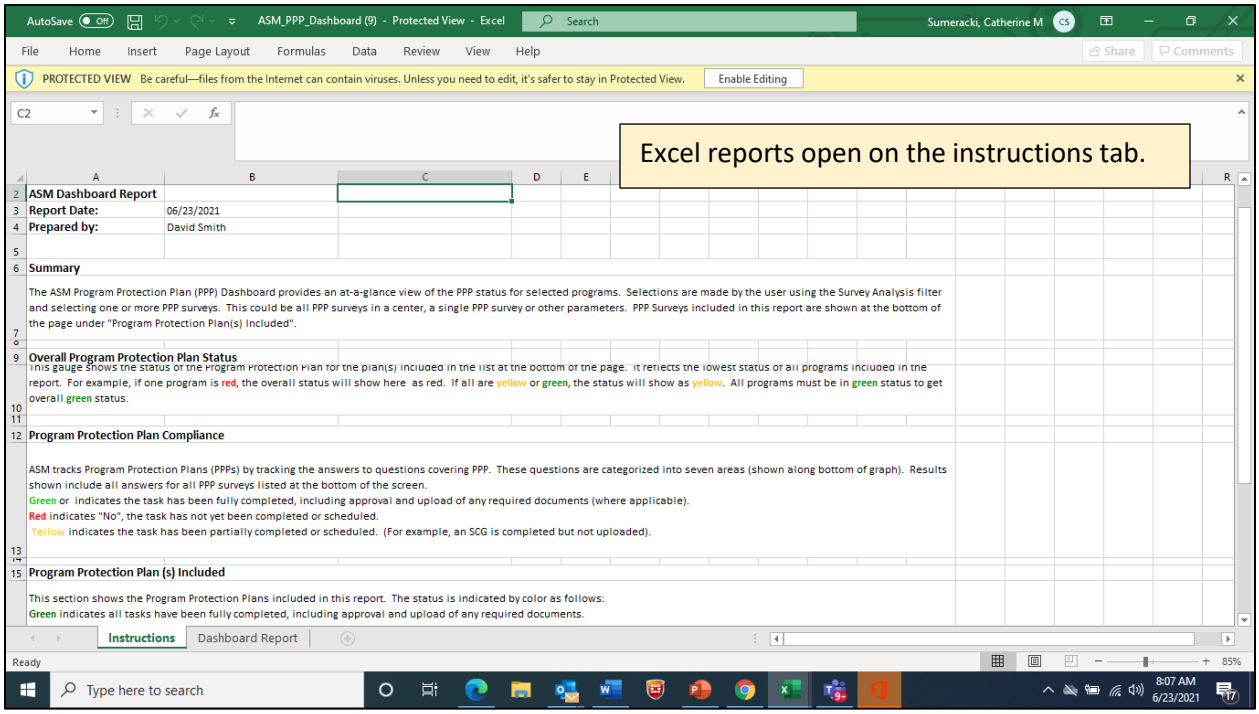


Figure 12 The Dashboard report is created in Excel and opens on the instructions page. Click on the Dashboard report tab to see the report.

Put into PowerPoint Format

The report is in Excel format but can easily be copied and pasted into a PowerPoint presentation. To do so:

1) Use your mouse to select the area to be copied from Excel.
2) Copy (Ctrl-C).
3) Use Paste Special (Ctrl-Alt- V) to paste as an image in PowerPoint.

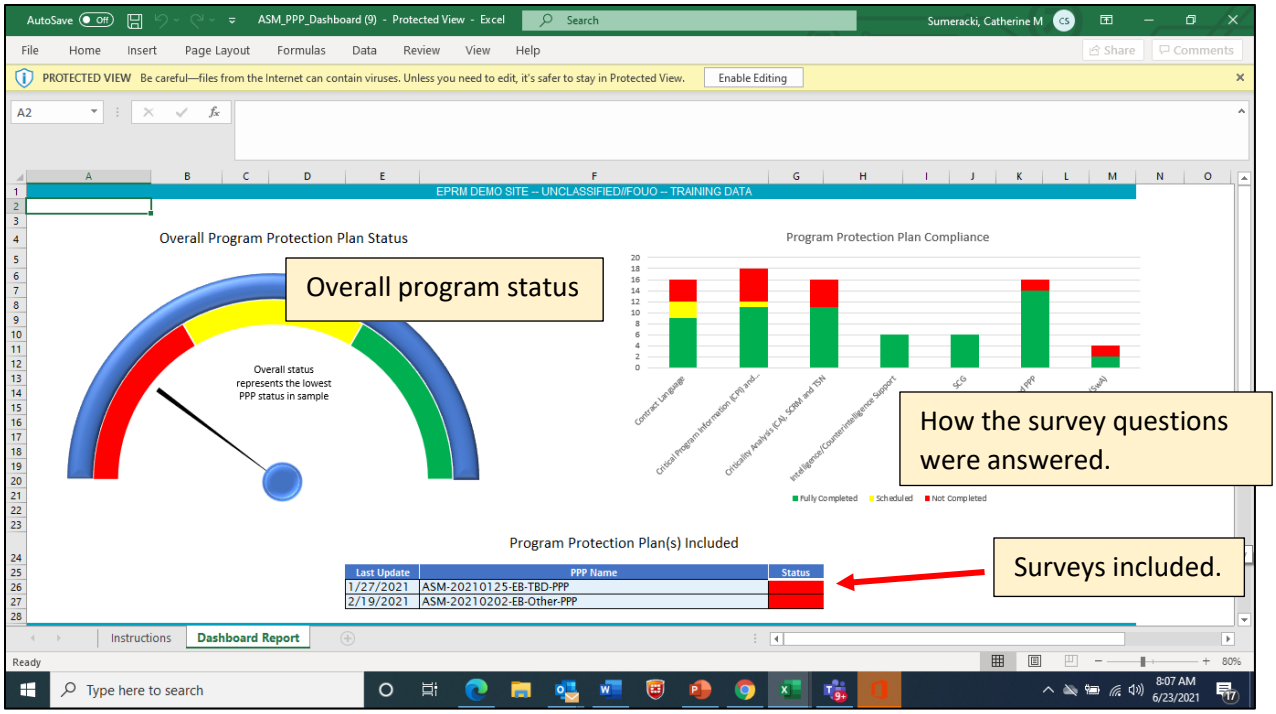


Figure 13 The ASM Dashboard report. This is a recommended ASM report.

Overall Program Protection Plan Status

This gauge shows the status of the Program Protection Plan for the plan(s) included in the list at the bottom of the page. It reflects the lowest status of all programs included in the report. For example, if one program is **red**, the overall status will show here as red. If all are **yellow** or **green**, the status will show as **yellow**. All programs must be in **green** status to get overall **green** status.

Program Protection Plan Compliance

ASM tracks Program Protection Plans (PPPs) by tracking the answers to questions covering PPP. These questions are categorized into seven areas (shown along bottom of graph). Results shown include all answers for all PPP surveys listed at the bottom of the screen.

Green or indicates the task has been fully completed, including approval and upload of any required documents (where applicable).

Red indicates "No", the task has not yet been completed or scheduled.

Yellow indicates the task has been partially completed or scheduled. (For example, an SCG is completed but not uploaded).

Program Protection Plan(s) Included

This section shows the Program Protection Plans included in this report. The status is indicated by color as follows:

Green indicates all tasks have been fully completed, including approval and upload of any required documents.

Red indicates there is at least one task not completed or has not been scheduled. In the case of date

requirements, red indicates a date has not been provided.
Yellow indicates the task has been scheduled. (For example, an SCG is completed but not uploaded).

Generate Survey Compliance Report (Recommended ASM Report)

Click on the Generate Survey Compliance Report button. This report presents analysis of multiple surveys. Surveys included are listed below as well as in columns of the report.

Green indicates the task is complete; **yellow** indicates it is scheduled and **red** indicates it is incomplete.

If unanswered, it will be listed as red. **N/A** is not applicable. This can happen if a parent question is answered "No" therefore making the child question unavailable.

% complete is based on the number of questions answered Yes divided by the sum of presented questions less any N/A.

This is a recommended ASM Report. Reviewers can look horizontally across the report to see where there are issues with a specific requirement, or they can look vertically to see where there are issues within a certain program.

Like other reports, it opens on the instructions tab so click on the compliance tab to see the results.

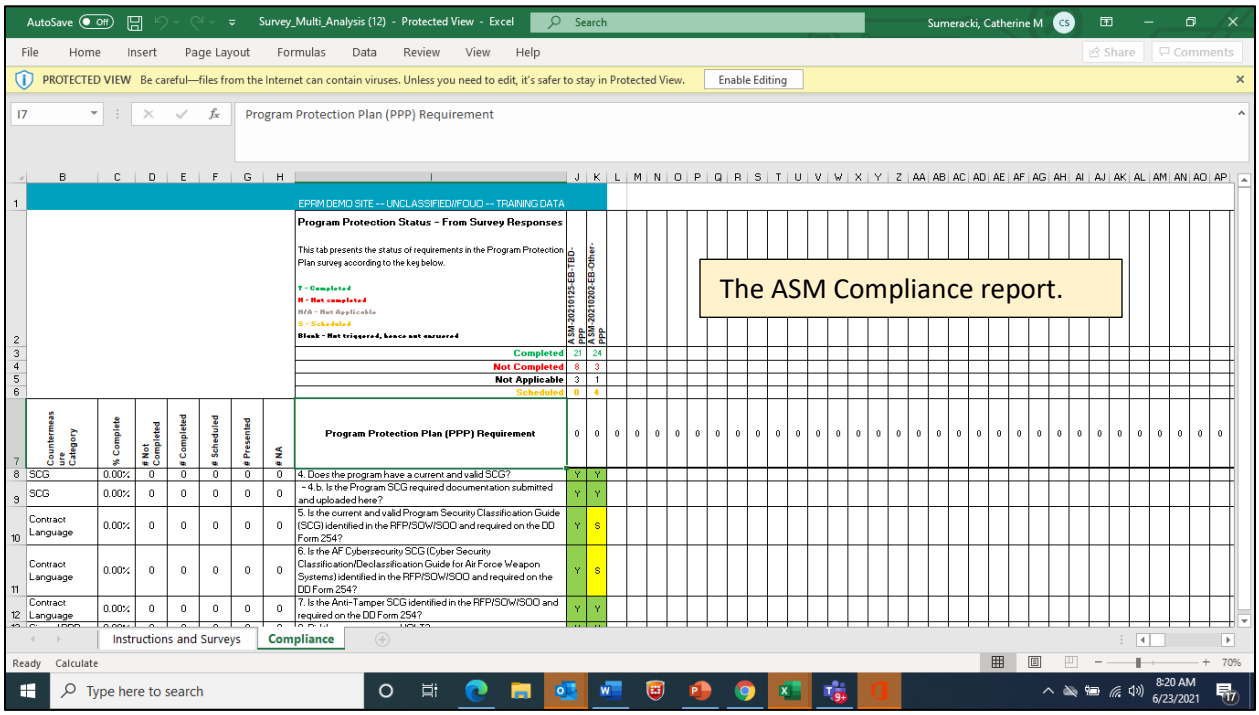


Figure 14 The ASM Compliance report is also recommended. This shows how each question was answered in each program.

Click on Survey Analysis to Select New Surveys

If you find you want to view a different set of surveys, click on the Survey Analysis icon, and select new surveys.

Assessment Reports and Analysis

Advanced Analysis

For a full tutorial on Advanced Analysis, visit the ASM Help page link at
http://eprmhelp.countermeasures.com/downloads/06_eprm_multi_assessment_analysis_v3.42.pdf

Advanced Analysis is where you would select specific assessments to include in your report. This can be based on node, a specific profile question, specific assets, or a combination thereof. Only fully completed and released assessments are included in the assessment choices.

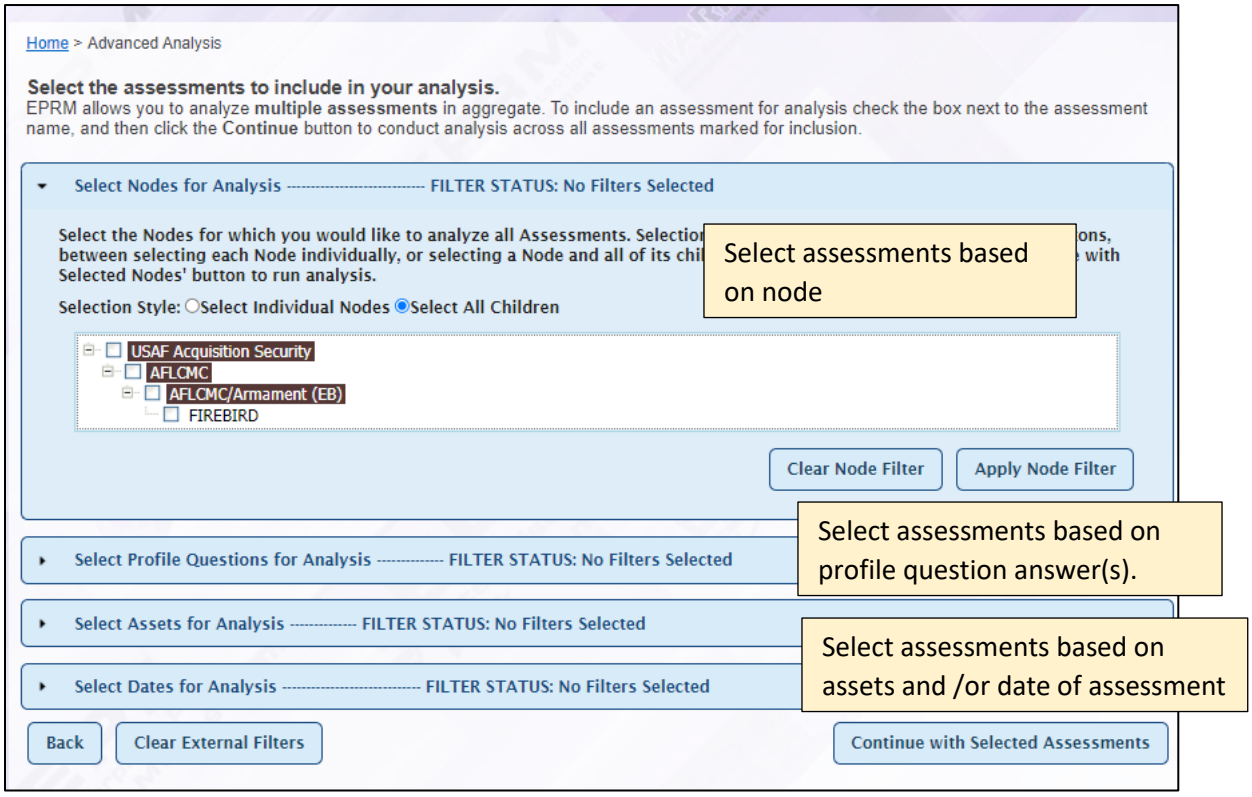


Figure 15 Use the Advanced Analysis functionality to select specific assessments based on node, profile question, assets, or a combination thereof.

Release/Unrelease Surveys and Assessments in the ASM Workbench

If you are unable to find a specific assessment or survey, it is most likely not released by the user. To unrelease or release surveys and assessments, the owner of the assessment or survey must go through the ASM workbench,, To release a survey, go the ASM workbench, go to the Survey tab and click on the toggle button next to the survey to be released.

To release an assessment, go to the Assessment tab and follow the same process.

NOTE: When surveys or assessments are released for viewing, the toggle button will show as "Unrelease".

For example, if an analysis on all programs within AFLCMC/Armament (EB) with Secret information was requested, you would select the EB node and apply filter. Then select the relative profile question where the answer was "Yes" to secret information and apply filter.

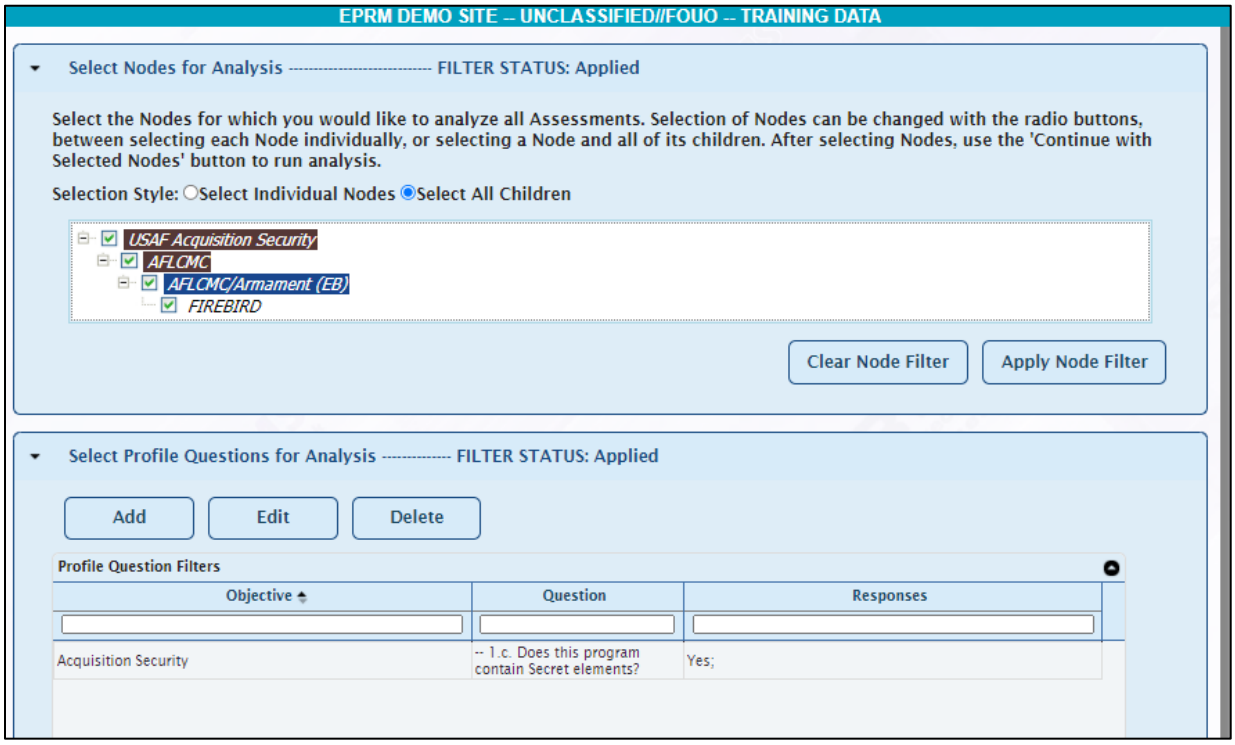


Figure 16 Example of filtering for programs within Eb where the assessor answered "Yes" to having Secret information.

The results show in the grid. In this example, 11 assessments have these criteria.

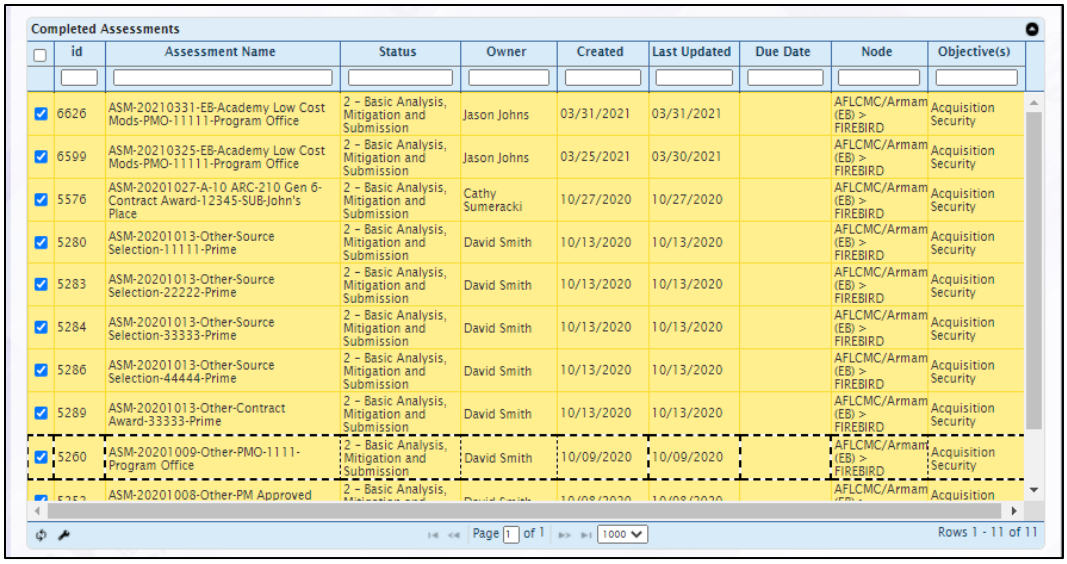


Figure 17 This example shows 11 assessments which met the filter criteria. You can further filter by deselecting/selecting specific assessments.

You can further filter by deselecting any assessments which should ne be included. Once satisfied with the list of assessments, click on Continue with Selected Assessments.

Once the assessments are selected, you can run reports on the selected assessments.

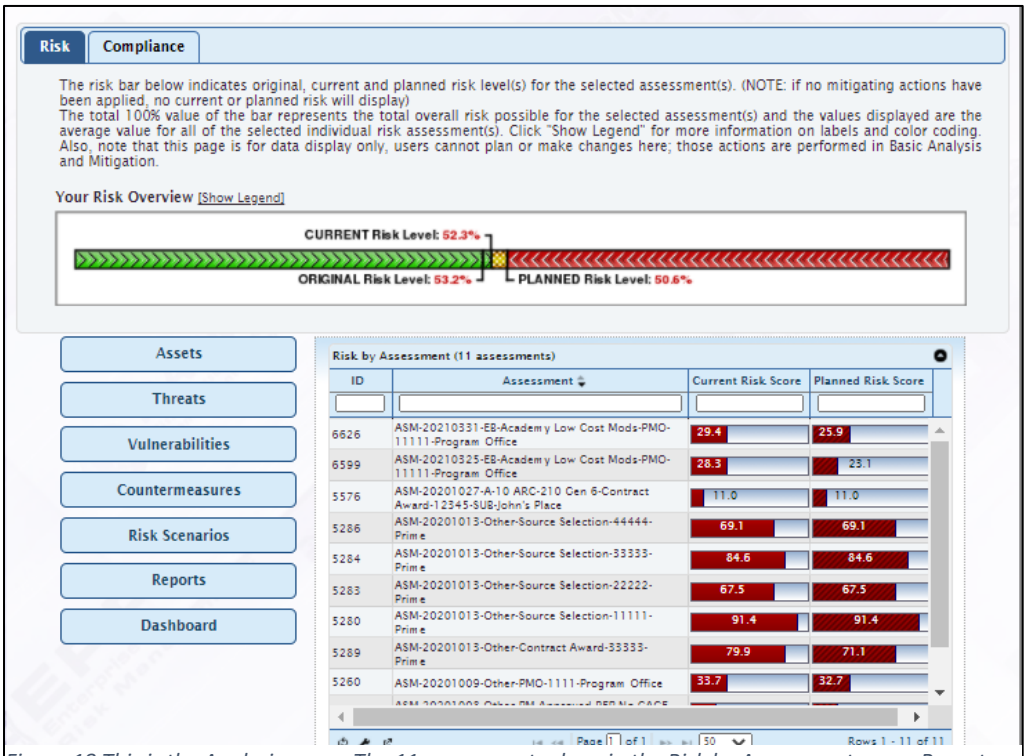


Figure 18 This is the Analysis page. The 11 assessments show in the Risk by Assessment area. Reports are available by using the buttons on the left. The overall risk score for all the included assessments is shown along the top in the Risk Overview section.

Multiple Assessment Reports

Multiple assessment reports are accessed through Advanced Analysis. Once the assessments to include are selected, reports are an aggregate of all assessments selected. These reports can also be run using a single assessment.

Summary of Available Reports

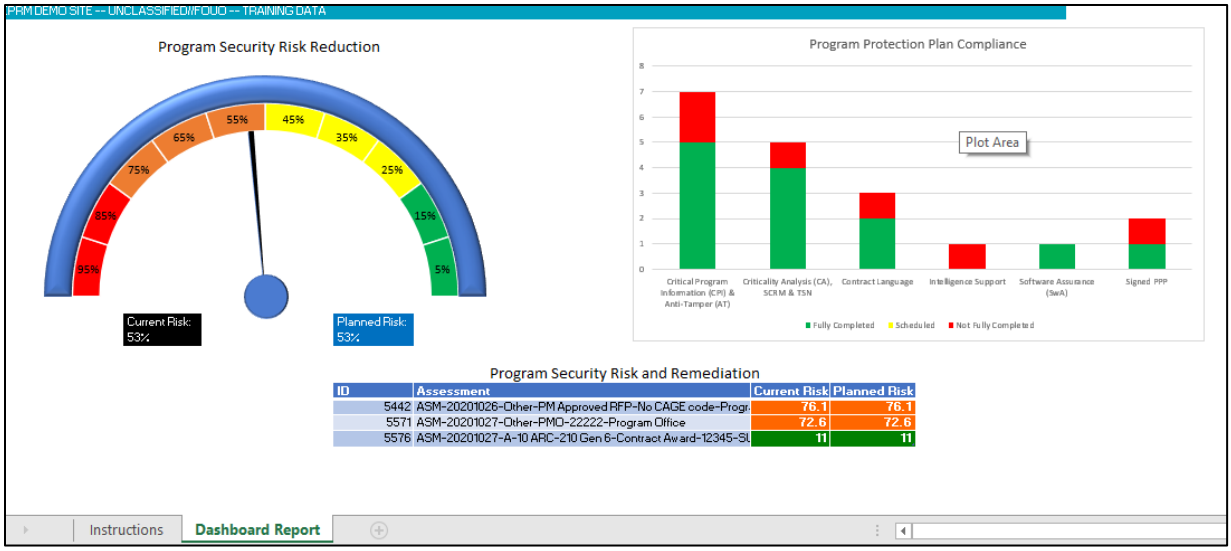
Below is a summary of the multi- assessment reports available.

REPORT	Used For
Assets	Shows assets by risk score and used to identify assets most at risk.
Threats	Shows threats by risk score and used to identify the largest threats.
Vulnerabilities	Shows vulnerabilities by risk score and used to identify the most critical vulnerabilities.
Countermeasures	Shows frequency of countermeasures and where implemented or not implemented. This report is used to identify countermeasures which would reduce the most risk.
Risk Scenarios	Shows asset/threat/vulnerability scenarios. This report is used to identify assets risk, identify the greatest threat and the vulnerability of the threat...
Reports	Other Excel reports are located here. This includes the following four reports.
1. Multi-Assessment Analysis (XLSX) (recommended)	Creates a multi-tab spreadsheet-based report that provides a comprehensive view of asset, threat and countermeasure status and presents data and charts to measure risk by asset, threat, or location for a collection of assessments.
2. Countermeasure Compliance Implementation and Analysis (XLSX) (recommended)	Creates an Excel analysis datasheet detailing the status of countermeasures implementation across the selected assessments.
3. Asset Risk Reduction Report (XLSX)	Creates a multi-tab spreadsheet-based report that provides Countermeasure Status, Risk by Asset, Asset Protection and Countermeasure Implementation.
4. Risk Scenarios (XLSX)	Generates a table of all risk scenarios.
ASM Dashboard Report (recommended)	Creates an at-a-glance look at the risk status of the selected assessments. This includes overall risk score, individual risk score by assessment and aggregate Program Protection Plan status.

ASM Dashboard Report (recommended)

The Dashboard Report is an aggregate report based on selected assessments. It is an at-glance-view of risk and Program Protection Plan(s).

Current risk and planned risk are based on the data from all the included assessments. The same is true if there are multiple PPPs included.


PRM DEMO SITE -- UNCLASSIFIED//FOUO -- TRAINING DATA
Program Security Risk Reduction
95%
85%
75%
65%
55%
45%
35%
25%
15%
5%
Current Risk: 53%
Planned Risk: 53%
Program Protection Plan Compliance
Plot Area
Critical Program Information (CPI) & Anti-Tamper (AT)
Criticality Analysis (CA), SCRM & TSN
Contract Language
Intelligence Support
Software Assurance (SwA)
Signed PPP
Fully Completed
Scheduled
Not Fully Completed
Program Security Risk and Remediation
ID
Assessment
Current Risk
Planned Risk
5442 ASM-20201026-Other-PM Approved RFP-No CAGE code-Progr 76.1 76.1
5571 ASM-20201027-Other-PMO-22222-Program Office 72.6 72.6
5576 ASM-20201027-A-10 ARC-210 Gen 6-Contract Award-12345-St 11 11
Instructions
Dashboard Report

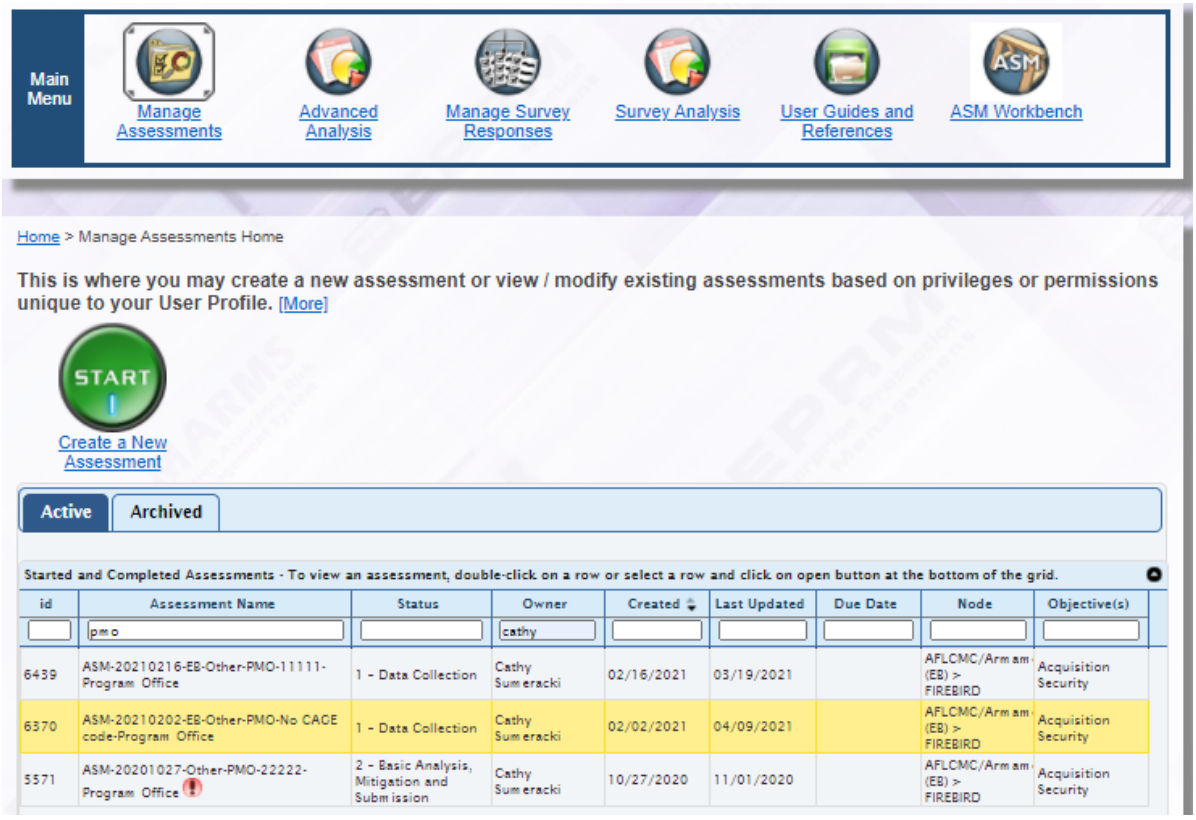
To run the Dashboard report:

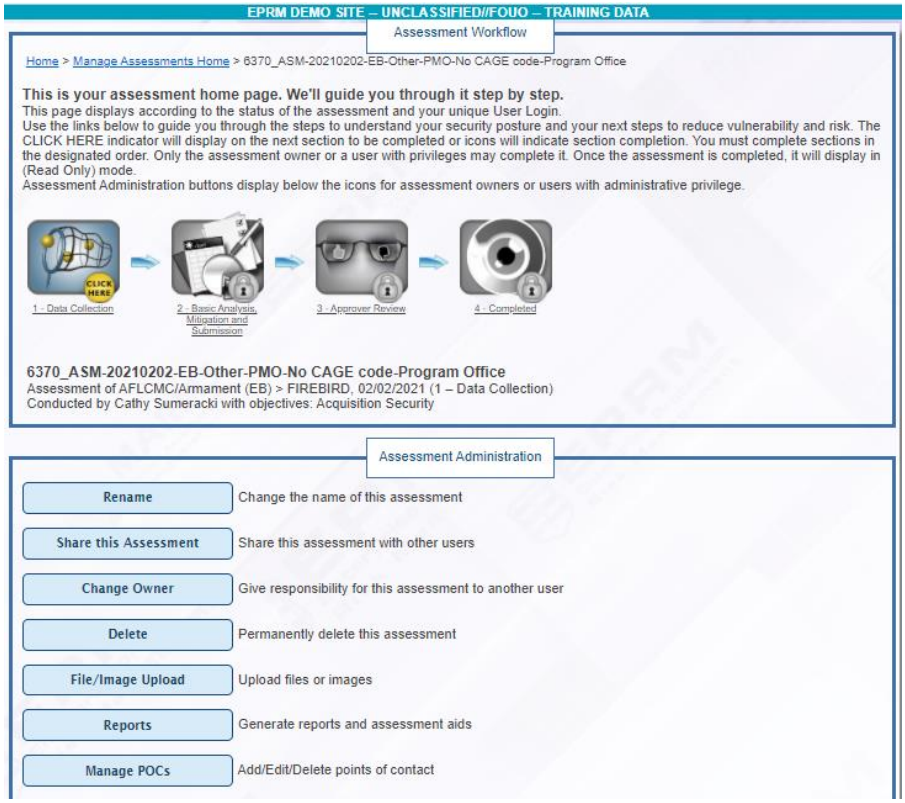
1. **Login** to ASM.
2. Click on the **Advanced Analysis icon.**
3. Using the filters, **determine what assessments you would like included** in the report.
4. Click on **Continue with Selected assessments.**
5. Click on the **Dashboard button.**

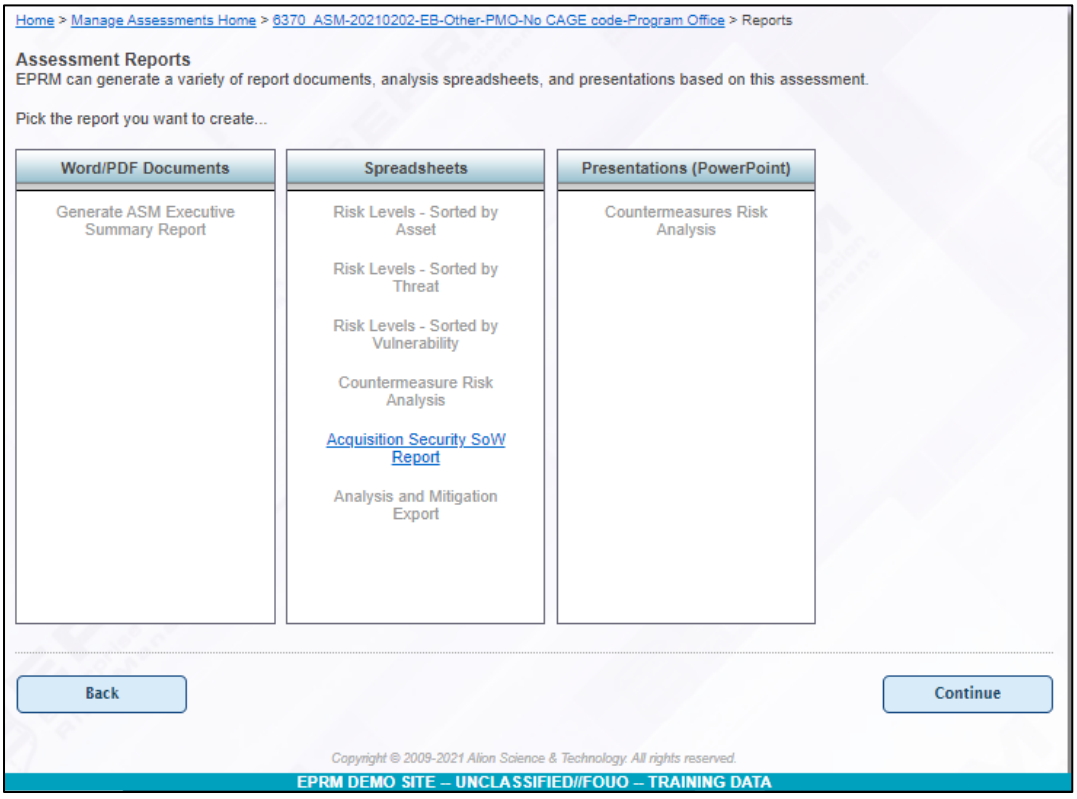
The Dashboard report will show as an excel file in the lower part of the screen. Open it to view.

Single Assessment Reports

Single assessment reports can be found on the Assessment Home Page. .You must be in the assessment to get access to the report. After logging in, click on Manage Assessments then locate the assessment you would like to run a report on. Double click to open the assessment. From the main menu of the Assessment, click on the Reports button.




EPRM DEMO SITE – UNCLASSIFIED//FOUO – TRAINING DATA
Assessment Workflow
Home > Manage Assessments Home > 6370_ASM-20210202-EB-Other-PMO-No CAGE code-Program Office
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.
CLICK HERE
1 - Data Collection
2 - Basic Analysis, Mitigation and Submission
3 - Approver Review
4 - Completed
6370_ASM-20210202-EB-Other-PMO-No CAGE code-Program Office
Assessment of AFLCMC/Armament (EB) > FIREBIRD, 02/02/2021 (1 – Data Collection)
Conducted by Cathy Sumeracki with objectives: Acquisition Security
Assessment Administration
Rename
Change the name of this assessment
Share this Assessment
Share this assessment with other users
Change Owner
Give responsibility for this assessment to another user
Delete
Permanently delete this assessment
File/Image Upload
Upload files or images
Reports
Generate reports and assessment aids
Manage POCs
Add/Edit/Delete points of contact


Home > Manage Assessments Home > 6370_ASM-20210202-EB-Other-PMO-No CAGE code-Program Office > Reports
Assessment Reports
EPRM can generate a variety of report documents, analysis spreadsheets, and presentations based on this assessment.
Pick the report you want to create...
Word/PDF Documents
Generate ASM Executive Summary Report
Spreadsheets
Risk Levels - Sorted by Asset
Risk Levels - Sorted by Threat
Risk Levels - Sorted by Vulnerability
Countermeasure Risk Analysis
Acquisition Security SoW Report
Analysis and Mitigation Export
Presentations (PowerPoint)
Countermeasures Risk Analysis
Back
Continue
Copyright © 2009-2021 Alion Science & Technology. All rights reserved.
EPRM DEMO SITE – UNCLASSIFIED//FOUO – TRAINING DATA

Statement of Work (SOW) Report

The SOW report contains all the countermeasures answered "Yes" in an assessment. This report is used as part of the RFP package and is created Step 2, when the Program Management Office creates the PM Approved RFP assessment. This assessment identifies those countermeasures are required as part of the contract.

For any countermeasure answered "Yes", it will be required and be included on the SOW report as a shall statement. For example, "The Prime shall flow security requirements to all subcontractors".

Countermeasures answered "No" in the PM Approved RFP will not be included in the SOW report.

The SOW report is in Excel format so it can be edited.

During the RFP phase, the SOW report is run using the PM Approved RFP assessment. This ensures security requirements are included as part of the contractual agreement. It is understood some negotiation of security requirements may take place. (Trade Space Analysis).

Once a contract is awarded, the Contract award assessment (Step 5) should have the final security requirements the Prime is contractually bound to and status of each.

A sample of the SOW report has been included in Appendix A.

Executive Summary Report

The Executive Summary Report is based on a single Assessment. It is generated semi-automatically from an assessment's main menu. It is in Word format so it can be edited. While most of the data is extracted directly from the assessment and the associated Program Protection Plan (PPP), there are certain fields which require input. These are shown in red in the report.

To generate the Executive Summary Report:

1. **Login** to ASM
2. Click on **Manage Assessments**
3. **Locate and Select the assessment** for the report
4. **Click on Reports** from the main assessment menu
5. Click on **Executive Summary Report**
    a. The report will show in the lower left corner of your screen
6. **Open** the report
7. **Edit/Save** as needed

A sample Executive Summary Report has been included in Appendix B.

Report	Description	Use For
ASM Executive Summary Report (doc) (recommended)	Summary of a program status including assets, threats, vulnerabilities, and countermeasures.	A summary report for the status of a program.
Risk Levels Sorted by Asset (also)	Assets sorted in ascending order by risk	View assets and risk.

Report	Description	Use For
Risk Levels Sorted by Threat (xls)	Threats sorted in ascending order by asset risk	View threats.
Risk Levels Sorted by Vulnerability (xls)	Vulnerabilities sorted in ascending order by asset risk	View vulnerabilities
Countermeasure Risk Analysis (xls)	Status of countermeasures sorted in ascending order by risk.	View status of recommended countermeasures.
Acquisition Security SoW Report (xls) (recommended)	List of shall statements for RFP and contract security requirements	Inclusion of the RFP package and inclusion as part of the final contract. This ensures security requirements are included as part of the contract.
Analysis and Mitigation Export (xls)	Status of countermeasures at the time of the report.	Used to make multiple changes to countermeasures (rather than one at a time).
Countermeasure Risk Analysis (ppt)	Summery of the program which can be tailored for presentation.	Used to create a presentation of the status of the program.

Appendix A Sample Reports

A full list and examples of reports can be found at the following link.

http://eprmhelp.countermeasures.com/asm-training-resources.html

Appendix B Sample Executive Summary Report

A sample Executive Summary Report using notional data can be found at the following link.

http://eprmhelp.countermeasures.com/asm-training-resources.html