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Multi-assessment Analysis User Guide

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Introduction:

The Multi-assessment Analysis function provides users a streamlined method to perform side-by-side comparisons of two or more assessments. This feature can be used for several different analytical actions, such as trend analysis of a particular organization over time, cross-cutting analysis of organizations within a command, and discrete asset or threat analysis of an AOR. This guide will provide users with an understanding of the features available for Multi-assessment Analysis.

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Beginning the process on the Home page:

Open the EPRM program. Select “Advanced Analysis” from the dashboard to open the assessment selection grid page. NOTE: Assessment selection appears at the bottom of the next page; users will need to scroll down to make their selections.

The screenshot shows the EPRM Home page. At the top left is the EPRM logo and the text "A part of the MArMS federation.". On the right are icons for Home, Profile, New Password, and Help, along with user information: "Job Furst", "Version: based on 3.63 rev. 2005", and "Last Login: 02/22/2022 06:50:02". Below this is a feedback link: "Want to make EPRM better? Send us your feedback!". The main content area has a title "Welcome to EPRM" and "EPRM User Training". It includes a brief description of the risk assessment process and how EPRM automates it. A blue callout box on the left says: "On the dashboard, click the ‘Advanced Analysis’ button. Assessment selection will be made on subsequent pages." The dashboard features a main menu on the left with "Main Menu" and several circular icons with labels: "Manage Assessments", "Advanced Analysis" (which is highlighted with a red dashed box), "Manage Templates (including AHTAs)", "Manage Survey Responses", "Survey Analysis", "User Manuals and References", "Legacy CVAMP", "Manage MA", "Manage IAS", and "Manage Site".

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Select Assessments for Analysis:

The top of the page contains Risk Assessment Tool (RAT) observations of current assessments. Scroll down to the bottom of the page for a list of assessments eligible for analysis. Eligible assessments are those not in the “1-Data Collection” phase. Users can select individual assessments from the list to include in the multi-assessment analysis and click “Continue with Selected Assessments”. In some cases the list may contain hundreds of assessments and require specific filtering to pair down the selections.

[Home](#) > Advanced Analysis

RAT Observations
The following Grid displays all the RAT Observations of current Assessments.

Export Grid

Tracking Number	Assessm Node	Assessm Name	Asset Name	Asset Crit Val	Threat/Haz Source	Threat/Haz Method	Threat/Haz Name	Threat/Haz Value	Discover	Benchm	Observa Type	Vulnera	Risk	Revised Vulnera	Revised Risk	Status
3.X.0-X-D 88th ABW Create As Asset 33	0.40	Threat - Ir Workplace	Threat 20	0.40	No	WTR-03 E: Vulnerabil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.X.0-X-D 88th ABW Create As Asset 32	0.40	Hazard - I Space We	Threat 14	0.56	No	UT-03 Coi Concern	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
3.X.0-X-D 88th ABW Create As Asset 25	0.52	Hazard - I Tropical C	Threat 17	0.31	No	FP-04 Fire Neutral	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54
3.X.0-X-D 88th ABW Create As Asset 29	0.40	Hazard - I Snow	Threat 13	0.56	No	COOP-05 Neutral	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
3.X.0-X-D 88th ABW Create As Asset 32	0.40	Cyber Thr Deliver, Ir	Threat 18	0.60	No	CBRNE-05 Concern	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
3.X.0-X-D 88th ABW Create As Asset 6	0.68	Cyber Thr Achieve ri	Threat 15	0.00	No	COOP-07 Positive	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
3.X.0-X-D 88th ABW Create As Asset 7	0.32	Cyber Thr Achieve ri	Threat 13	0.21	No	POL-06 Ex Neutral	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
3.X.0-X-JL 88th ABW Create As Asset 5	0.60	Cyber Thr Achieve ri	Threat 13	0.21	No	AT-01 Ant Positive	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.X.0-X-JL 88th ABW Create As Asset 2	0.90	Threat - N Armed As	Threat 2	0.00	No	Concern	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42
3.X.0-X-JL 88th ABW Create As Asset 3	0.48	Threat - C Arson	Threat 3	0.53	No	CBRNE-03 Neutral	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63
3.X.0-X-JL 88th ABW Create As Asset 4	0.62	Threat - C Arson	Threat 4	0.68	No	CHEM-04 Neutral	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47

SELECTED OBSERVATION

General Assets and Threats Vulnerability and Risk Commentary Users Tracking

Tracking Number: 3.X.0-X-DM-01
Assessment Node: 88th ABW



Select the assessments to include in your analysis.
EPRM allows you to analyze **multiple assessments** in aggregate. To include an assessment for analysis check the box next to the assessment name, and then click the Continue button to conduct analysis across all assessments marked for inclusion.

Select Nodes for Analysis FILTER STATUS: No Filters Selected

Select Profile Questions for Analysis FILTER STATUS: No Filters Selected

Select Assets for Analysis FILTER STATUS: No Filters Selected

Completed Assessments

ID	Assessment	Status	Objective(s)	Start Date	Updated By	Last Updated	Node
11575	4QTR19 - CCMD - USDEMOCOM	2 - Basic Analysis, Mitigation, and Submission	DoD Counter Insider Threat	01/14/2020	Job Furst	01/14/2020	User Support Training >1-HQDA
11525	88th ABW - Q1 IP Assessment - 20190415	2 - Basic Analysis, Mitigation, and Submission	Information Protection Version 1.0				
3489	88th ABW - Q2 IP Assessment - 20190415	2 - Basic Analysis, Mitigation, and Submission	Information Protection Version 1.0				
11226	77th ABW - IP Assessment - 20191114xx	2 - Basic Analysis, Mitigation, and Submission	Information Protection Version 1.0				
3970	77th ABW - IP Assessment - 20190806	2 - Basic Analysis, Mitigation, and Submission	Information Protection Version 1.0				
4414	20190924 - 88th ABW - WPAFB - 4414	2 - Basic Analysis, Mitigation, and Submission	Mission Assurance Assessment/AHTA	10/09/2019	Job Furst	10/10/2019	AFMC > 88th ABW
	77th ABW - IP Assessment - 20190806	2 - Basic Analysis, Mitigation, and Submission	Information Protection				Andrews AFR > 77th

Only finished & locked assessments will be listed here (Status' 2-, 3-, and 4-).

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Select Assessments for Analysis:

A closer look at the assessment selection area reveals multiple methods to sort and filter the assessment list.

Above the Completed Assessments grid are three expandable menus to filter the assessments by Node, Profile Questions, and/or Assets. These filters will be discussed in more detail on the upcoming pages.

Click column headings to sort in an ascending or descending order. Or, enter a search term in the text box below the column heading to filter assessments matching the search term.

The screenshot shows the 'Completed Assessments' section of the EPRM interface. At the top, there are three expandable filter menus: 'Select Nodes for Analysis', 'Select Profile Questions for Analysis', and 'Select Assets for Analysis'. Below these is a toolbar with 'Back', 'Clear External Filters', and 'Continue with Selected Assessments'. The main area displays a grid of completed assessments with the following columns: ID, Assessment, Status, Objective(s), Start Date, Updated By, Last Updated, and Node. A red dashed box highlights the first row of the grid, which includes the ID 11575, Assessment '4QTR19 - CCMD - USDEMOCOM', Status '2 - Basic Analysis, Mitigation and Submission', Objective(s) 'DoD Counter Insider Threat', Start Date '01/14/2020', Updated By 'Job Furst', Last Updated '01/14/2020', and Node 'User Support Training > 1-HQDA'. Red arrows from the surrounding text blocks point to these specific areas. At the bottom of the grid, there are navigation links for page numbers and a note indicating 'Rows 1 - 26 of 26'.

ID	Assessment	Status	Objective(s)	Start Date	Updated By	Last Updated	Node
11575	4QTR19 - CCMD - USDEMOCOM	2 - Basic Analysis, Mitigation and Submission	DoD Counter Insider Threat	01/14/2020	Job Furst	01/14/2020	User Support Training > 1-HQDA
11525	88th ABW - Q1 IP 20200110	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	01/10/2020	Job Furst	01/10/2020	AFMC > 88th ABW
3489	88th ABW - Q2 IP Assessment - 20190415	4 - Completed	Information Protection Version 1.0	05/22/2019	Job Furst	01/09/2020	AFMC > 88th ABW
11226	77th ABW - IP Assessment - 2019114xxx	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	11/14/2019	Job Furst	12/18/2019	Andrews AFB > 77th ABW
3970	77th ABW - IP Assessment - 20190806	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	08/06/2019	Job Furst	11/26/2019	Andrews AFB > 77th ABW
4414	20190924 - 88th ABW - WPAFB - 4414	2 - Basic Analysis, Mitigation and Submission	Mission Assurance Assessment/AHTA	10/09/2019	Job Furst	10/10/2019	AFMC > 88th ABW
4254	77th ABW - IP Assessment -	2 - Basic Analysis, Mitigation and Submission	Information Protection	01/13/2020	Job Furst	01/13/2020	Andrews AFB > 77th ABW

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Select Assessments for Analysis:

Node Filter

By expanding the ‘Select Nodes for Analysis’ filter, users will open the nodal hierarchy structure from which they can identify the node to be used as filter criteria. By default, all child nodes below the selection are included.

In this example, the user has selected the ‘AFMC’ node. The 78th ABW, 88th ABW, and Hanscom AFB nodes (and their child nodes) were included in the filter.

Filtering will not occur in the assessment assessments grid until the user clicks the ‘Apply Node Filter’ button. The resulting list is a more manageable number of assessments. Deselect any individual assessments if its inclusion is not desired.

The screenshot shows the 'Select Nodes for Analysis' interface. At the top, it says 'FILTER STATUS: Applied'. Below that is a note: 'Select the Nodes for which you would like to analyze all Assessments. Selection of Nodes can be changed with the radio buttons, between selecting each Node individually, or selecting a Node and all of its children. After selecting Nodes, use the 'Continue with Selected Nodes' button to run analysis.' There are two radio button options: 'Select Individual Nodes' and 'Select All Children'. The 'Select All Children' option is selected by default. A blue callout box points to this radio button with the text 'Select All Children is the default setting.' Below the tree view, there are 'Clear Node Filter' and 'Apply Node Filter' buttons. The 'Apply Node Filter' button is highlighted with a red dashed box. The bottom section shows the 'Select Profile Questions for Analysis' interface with 'FILTER STATUS: No Filters Selected'. It includes 'Back', 'Clear External Filters', and 'Continue with Selected Assessments' buttons. The 'Completed Assessments' table lists several assessments with columns for ID, Assessment, Status, Objective(s), Start Date, Updated By, Last Updated, and Node. The 'Node' column shows the path for each assessment, such as 'Hanscom AFB > 78th ABW' or 'AFMC > 88th ABW'. The last row of the table is partially visible with '88th ABW - Q2 IP Assessment'.

ID	Assessment	Status	Objective(s)	Start Date	Updated By	Last Updated	Node
11772	20200224 - 78th ABW - Hanscom AFB	2 - Basic Analysis, Mitigation and Submission	Antiterrorism Force Protection or IDRMP	02/24/2020	Job Furst	03/03/2020	Hanscom AFB > 78th ABW
11525	88th ABW - Q1 IP 20200110	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	01/10/2020	Job Furst	01/10/2020	AFMC > 88th ABW
3489	88th ABW - Q2 IP Assessment - 20190415	4 - Completed	Information Protection Version 1.0	05/22/2019	Job Furst	01/09/2020	AFMC > 88th ABW
4414	20190924 - 88th ABW - WPAFB - 4414	2 - Basic Analysis, Mitigation and Submission	Mission Assurance Assessment/AHTA	10/09/2019	Job Furst	10/10/2019	AFMC > 88th ABW
3933	3.14 IP Assessment Review	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	08/02/2019	Job Furst	08/02/2019	AFMC > Hanscom AFB
3490	88th ABW - Q2 IP Assessment - 20190516	2 - Basic Analysis, Mitigation and Submission 2 - Basic Analysis	Information Protection Version 1.0	05/22/2019	Job Furst	05/22/2019	AFMC > 88th ABW
	88th ABW - Q2 IP Assessment		Information Protection				

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Select Assessments for Analysis:

Profile Questions Filter

By expanding the ‘Select Profile Questions for Analysis’ filter users will open a working area where multiple filters can be applied based on assessment profile questions.

In this working area the user will create one or more custom filters to be applied the list of assessments.

To create a custom filter, first click the ‘Add’ button and begin selecting the filter criteria (the objective, the particular profile question, and that question’s response). Finally, click ‘Save Profile Question Filter’.

Repeat until all desired custom filters have been created.

The screenshot shows a software interface for managing profile question filters. At the top, a header bar reads "Select Profile Questions for Analysis" and "FILTER STATUS: No Filters Selected". Below this are three buttons: "Add" (highlighted with a red dashed box), "Edit", and "Delete". A table titled "Profile Question Filters" lists columns for Objective, Question, and Responses. A modal window titled "Add Profile Question Filter" is open. It contains three sections: "Selected Objective: Information Protection Version 1.0" (with "Information Protection Version 1.0" selected), "Selected Question: Are classified meetings or conversations conducted at your organization?" (with "Are classified meetings or conversations conducted at your organization?" selected), and "Selected Responses: Yes;" (with "Yes" checked). At the bottom of the modal is a "Save Profile Question Filter" button (highlighted with a red dashed box). A "Cancel" button is also present. Below the modal, a table displays two rows of assessment data, each with a checkbox and some descriptive text. The bottom right corner of the table says "Rows 1 - 23 of 23".

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Select Assessments for Analysis:

Profile Questions Filter

The newly created custom filters display in the top half of the screen. Filters are not applied to the list of assessments until the user clicks 'Apply Profile Questions Filter' button.

In this example, all filters have been applied. The resulting list of assessments are automatically selected to be included in the multi-assessment analysis (as indicated by the check marks and yellow highlight).

To submit the selected assessments to the multi-assessment analysis, click the 'Continue with Selected Assessments' button.

The screenshot shows a software interface for selecting profile questions for analysis. At the top, there's a header 'Select Profile Questions for Analysis' and a status indicator 'FILTER STATUS: Applied'. Below this are three filter rows:

Objective	Question	Responses
Information Protection Version 1.0	Are classified meetings or conversations conducted at Yes;	
Information Protection Version 1.0	Do any contractors require access to classified information systems? No;	
Information Protection Version 1.0	Does the organization have contractors conducting classified work? Yes;	

At the bottom of this section are buttons for 'Clear Profile Questions Filter' and 'Apply Profile Questions Filter', with the latter highlighted by a red dashed box and a blue arrow pointing to it from the right.

Below this is a section titled 'Completed Assessments' with a table:

ID	Assessment	Status	Objective(s)	Start Date	Updated By	Last Updated
11525	88th ABW - Q1 IP 20200110	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	01/01/2020		
3489	88th ABW - Q2 IP Assessment - 20190415	4 - Completed	Information Protection Version 1.0	05/01/2019		
11226	77th ABW - IP Assessment - 20191114xxxx	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	11/11/2019		
3970	77th ABW - IP Assessment - 20190806	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	08/06/2019		
4254	77th ABW - IP Assessment - 20190911	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	09/11/2019	Job Furst	09/11/2019
3933	3.14 IP Assessment Review	2 - Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	08/02/2019	Job Furst	08/02/2019
3650	77th ABW - IP Assessment - 20190825	4 - Completed	Information Protection Version 1.0	06/25/2019	Job Furst	07/16/2019

A blue callout box with the text 'Click here to include all selected assessments in the analysis.' points to the 'Continue with Selected Assessments' button at the bottom right of the table.

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Select Assessments for Analysis:

Assets Filter

By expanding the ‘Select Assets for Analysis’ filter users will open a working area where multiple filters can be applied based on asset categories from specific objectives.

In this working area the user will create one or more custom filters to be applied the list of assessments.

To create a custom filter, first click the ‘Add’ button and begin selecting the filter criteria (the objective and the particular asset category). Finally, click ‘Save Asset Filter’.

After all desired filters have been set, and assessments selected for analysis, click “Continue with Selected Assessments”.

The screenshot shows a software interface for managing assets. At the top, a header reads "Select Assets for Analysis" with a status message "FILTER STATUS: No Filters Selected". Below the header are three buttons: "Add" (highlighted with a red dashed box), "Edit", and "Delete". A section titled "Asset Filters" contains three dropdown menus: "Objective", "Asset Category", and "Asset Type".

A modal window titled "Add Asset Filter" is open. It displays the message "Selected Objective: Information Protection Version 1.0". Below this, a section titled "Select Asset" lists various asset categories with radio buttons. One category is selected: "1 Classified National Security Information - 2 Top Secret". At the bottom of this list is a "Save Asset Filter" button, also highlighted with a red dashed box.

At the bottom of the main interface, there is a "Cancel" button. Below the main header, a table lists selected assessments. The columns include ID, Title, Objective, Version, Description, Start Date, End Date, and ABW. Two rows are visible:

ID	Title	Objective	Version	Description	Start Date	End Date	ABW	
3970	20190924- 77th ABW - IP Assessment - 20190808	1. Basic Analysis, Mitigation and Submission	Information Protection Version 1.0	Information Protection Version 1.0	08/06/2019	Job Furst	11/26/2019	Andrews AFB > 77th ABW
4414	20190924- 88th ABW - WPAFB - 4414	2 - Basic Analysis, Mitigation and Submission	Mission Assurance Assessment/AHTA	Mission Assurance Assessment/AHTA	10/09/2019	Job Furst	10/10/2019	AFMC > 88th ABW

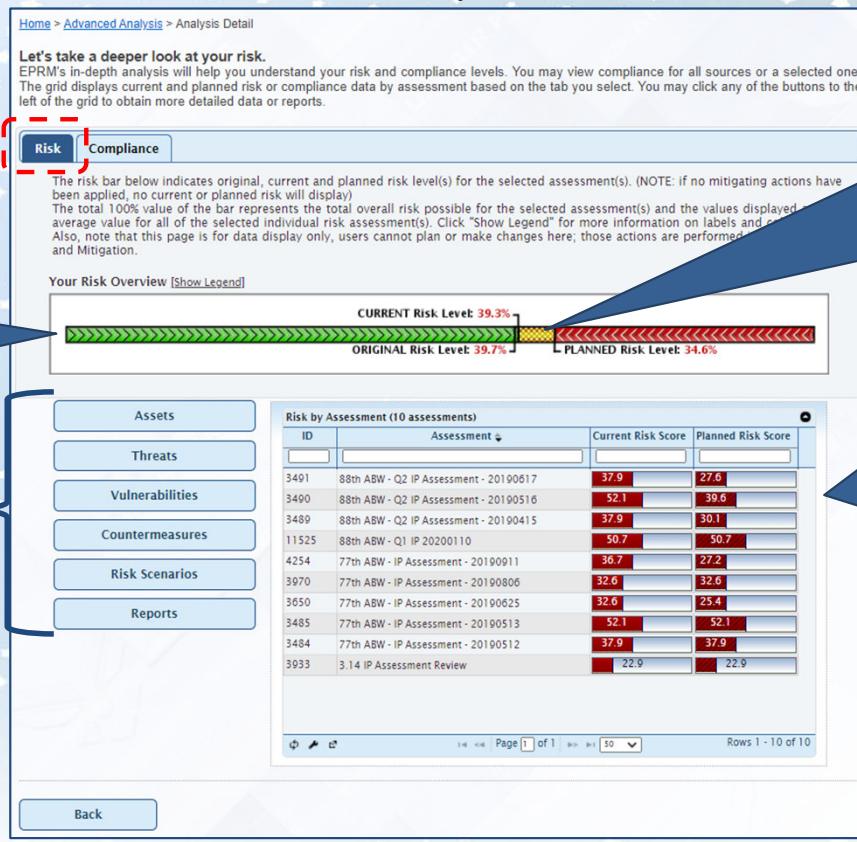
Page navigation controls at the bottom indicate "Page 1 of 1" and "Rows 1 - 26 of 26".

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Multi-assessment Overview

After selecting the desired assessments and continuing the process, the page below will be displayed providing a top-level overview of the compiled assessment data. Note: the default tab is the “Risk” tab. See page 12 for a look at the “Compliance” tab.



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Multi-assessment Visualization

Select the Assets button to view an aggregated summary of risk by asset type. Double-click a row to view a breakout by assessment for that asset type.

The screenshot illustrates the Multi-assessment Visualization interface. It features a navigation bar at the top with 'Risk' and 'Compliance' tabs. Below the navigation bar is a 'Your Risk Overview' section with a 'Show Legend' link. A large green progress bar represents the 'CURRENT RISK LEVEL' against the 'ORIGINAL RISK LEVEL'. To the right of the progress bar is a blue callout box stating: 'The difference in current and planned risk scores indicates benchmarks have been proposed to mitigate risk.' Below the progress bar is a table titled 'Aggregated Assets' showing risk by assessment. The table includes columns for ID, Assessment, Asset Category, Asset Type, # Occurrences, and Max Risk Score. A specific row for '3 Atomic Energy Act' is highlighted with a yellow background. A hand cursor is shown hovering over this row. A blue callout box below the table states: 'Double-click a row to view a breakout of asset details by individual assessment.' To the right of the table is a larger window titled 'Asset Details' showing a breakdown of risk by assessment for the selected asset. This window includes a table with columns for ID, Assessment, Asset Name, Criticality, Current Risk Sco, and Planned Risk Sco. Several rows of data are listed, each with a different risk score. A blue callout box below this window states: 'Individual assessments meeting the selected criteria.' Another blue callout box to the right of the 'Asset Details' window states: 'Criticality score is displayed from the assessor's input.'

Risk Overview [Show Legend]

CURRENT RISK LEVEL

ORIGINAL RISK LEVEL

Aggregated Assets

Assets

Threats

Vulnerabilities

Countermeasures

Risk by Assessment (10 assessments)

ID	Assessment
3491	88th ABW - Q2 IP Assessment
3490	88th ABW - Q2 IP Assessment
3489	88th ABW - Q2 IP Assessment
11525	88th ABW - Q1 IP 20200110
3485	77th ABW - IP Assessment - 20190513
3490	88th ABW - Q2 IP Assessment - 20190516
3486	77th ABW - IP Assessment - 20190515
3933	3.14 IP Assessment Review

Risk by Asset Type (12 assessments) - Double-click any row for breakout by assessment for that asset type

Asset Category	Asset Type	# Occurrences	Max Risk Score
3 Atomic Energy Act	1 Formerly Restricted Data	1	59.3
1 Classified National Security Information	1 Sensitive Compartmented Information (SCI)	2	61.8
3 Atomic Energy Act	2 Restricted Data	5	59.3
4 Controlled Unclassified Information (CUI)	3 Controlled Unclassified Information (CUI)	3	43.5
1 Classified National Security Information	2 Top Secret	12	59.3
3 Atomic Energy Act	3 Critical Nuclear Weapons Design Information	1	59.3
3 Atomic Energy Act	4 SIGMA	11	59.3
3 Atomic Energy Act	5 NATO	12	59.3
3 Atomic Energy Act	6 Secret	12	54.1
3 Atomic Energy Act	7 Confidential	12	49.0

Asset Details

Asset Category: 3 Atomic Energy Act
Asset Type: 2 Restricted Data

Risk Breakout by Assessment for Selected Asset

ID	Assessment	Asset Name	Criticality	Current Risk Sco	Planned Risk Sco
11525	88th ABW - Q1 IP 20200110	(none specified)	92	59.3	59.3
3485	77th ABW - IP Assessment - 20190513	(none specified)	80	17.5	17.5
3490	88th ABW - Q2 IP Assessment - 20190516	(none specified)	80	17.5	13.3
3486	77th ABW - IP Assessment - 20190515	(none specified)	80	10.4	10.4
3933	3.14 IP Assessment Review	(none specified)	64	5.5	5.5

Close

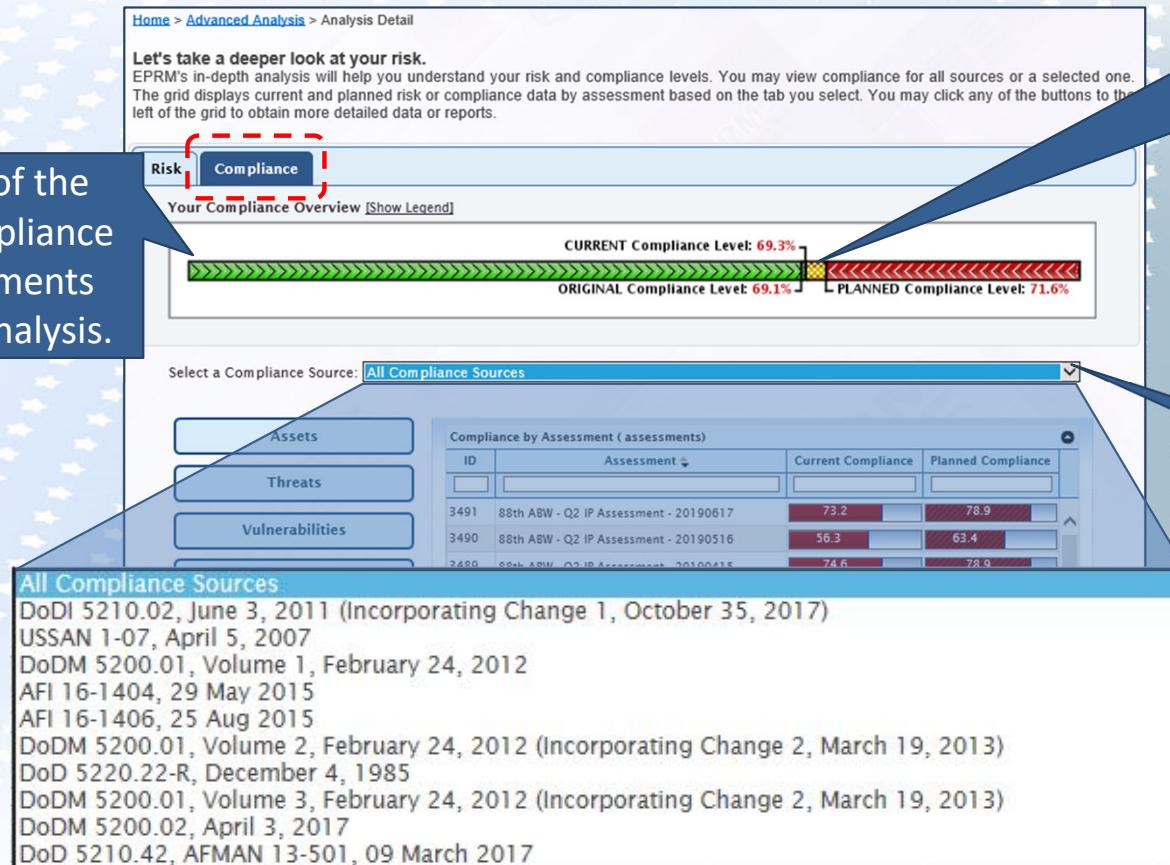
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Multi-assessment Overview

The Compliance tab provides an overview of aggregate compliance with DoD Instruction and guidance.

A single visual of the combined compliance from all assessments in the roll-up analysis.



The aggregate compliance increase resulting from proposed benchmarks is represented by the yellow segment in the compliance overview bar.

The pull down menu allows sorting by individual compliance source.

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Multi-assessment Visualization—Risk Scenarios

Selecting the “Risk Scenarios” button opens a new page that graphically displays aggregated risk by each asset-threat-vulnerability calculation.

Home > Advanced Analysis > Analysis Detail

Let's take a deeper look at your risk.

EPRM's in-depth analysis will help you understand your risk and compliance levels. You may view compliance for all sources or a select. The grid displays current and planned risk or compliance data by assessment based on the tab you select. You may click any of the button left of the grid to obtain more detailed data or reports.

Risk **Compliance**

The risk bar below indicates the risk level has been applied, no current. The total 100% value of the average value for all of the risk scenarios. Also, note that this page includes the Risk Mitigation.

Each line shows a risk scenario, i.e., $R = A \times (TS \times TM) \times V$.

Your Risk Overview [Show All]

CURRENT Risk Level: 39.3%

ORIGINAL Risk Level: 39.7%

PLANNED Risk Level: 34.6%

Risk by Assessment (assessments)			
ID	Assessment	Current Risk Score	Planned Risk Score
3481	88th ABW - Q2 IP Assessment - 20190617	37.9	27.6
3490	88th ABW - Q2 IP Assessment - 20190516	52.1	39.6
3489	88th ABW - Q2 IP Assessment - 20190415	37.9	30.1
11525	88th ABW - Q1 IP 20200110	50.7	50.7
4254	77th ABW - IP Assessment - 20190911	36.7	27.2
3650	77th ABW - IP Assessment - 20190806	32.6	32.6
3485	77th ABW - IP Assessment - 20190625	32.6	25.4
3485	77th ABW - IP Assessment - 20190513	52.1	52.1
3484	77th ABW - IP Assessment - 20190512	37.9	37.9
3933	3.14 IP Assessment Review	22.0	22.0

Assets

Threats

Vulnerabilities

Countermeasures

Risk Scenarios

Reports

Page 1 of 1 | 50 | Rows 1-10 of 10

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Multi-assessment Visualization—Reports

Click the “Reports” button to access a listing of available reports. Select a hyperlink to open the selected report to open in Excel. Examples of each report are displayed on the next several pages.

Home > Advanced Analysis > Analysis Detail

Let's take a deeper look at your risk.
EPRM's in-depth analysis will help you understand your risk and compliance levels. You may view compliance for all sources or a selected one. The grid displays current and planned risk or compliance data by assessment based on the tab you select. You may click any of the buttons to the left of the grid to obtain more detailed data or reports.

Risk **Compliance**

The risk bar below indicates original, current and planned risk level(s) for the selected assessment(s). (Not been applied, no current or planned risk will display)
The total 100% value of the bar represents the total overall risk possible for the selected assessment(s) average value for all of the selected individual risk assessment(s). Click "Show Legend" for more information.
Also, note that this page is for data display only, users cannot plan or make changes here; those actions and Mitigation.

Your Risk Overview [Show Legend]

CURRENT RISK Level: 39.7%
ORIGINAL Risk Level: 39.7%
PLANNED RISK

Assets Threats Vulnerabilities Countermeasures Risk Scenarios Reports

Risk by Assessment (assessments)

ID	Assessment	Current Ris
3491	88th ABW - Q2 IP Assessment - 20190617	37.9
3490	88th ABW - Q2 IP Assessment - 20190516	52.1
3489	88th ABW - Q2 IP Assessment - 20190415	37.9
11525	88th ABW - Q1 IP 20200110	50.7
4454	77th ABW - IP Assessment - 20190911	36.7
3970	77th ABW - IP Assessment - 20190806	32.6
3650	77th ABW - IP Assessment - 20190625	32.6
3485	77th ABW - IP Assessment - 20190513	52.1
3484	77th ABW - IP Assessment - 20190512	37.9
3933	3.14 IP Assessment Review	22.9

Back

Home > Advanced Analysis > Reports

EPRM will prepare reporting data for you.

Reporting data, in various formats and configurations, can be generated to include in your reports. This allows users to select the appropriate type and format of data for different reports and presentations.

As the tool matures, additional reports in Word and Excel will be added to this display/menu.

Multi-Assessment Analysis (XLSX)

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.

Countermeasure Compliance Implementation and Analysis (XLSX)

Creates an Excel analysis datasheet detailing the status of countermeasures implementation across the selected assessments.

Risk Scenarios (XLSX)

Generates a table of all risk scenarios.

Click on a hyperlink to view comprehensive assessment data or all risk scenario data in an Excel spreadsheet.

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Multi-assessment Visualization—Reports (cont'd)

Clicking the “Multi-Assessment Analysis” hyperlink opens an Excel file report. This file opens to an information cover that details the assessments included in the analysis. Note: the tabs at the bottom of the page. Blue tabs indicate user input data and Green indicate calculated data generated by the tool. The data arrays (shown in subsequent pages) are not finished reports, but source material for users to integrate into reports as desired.

The screenshot shows a Microsoft Excel spreadsheet titled "EPRM TEST SITE". The first sheet contains the following data:

Assessment Name:	Assessment Type:	Assessment ID:	Assessment Owner:	Assessment Date:
77th ABW - IP Assessment - 20190911	Information Protection Version 1.0	4254	Job Furst	9/11/2019
88th ABW - Q1 IP 20200110	Information Protection Version 1.0	11525	Job Furst	1/10/2020
88th ABW - Q2 IP Assessment - 20190415	Information Protection Version 1.0	3489	Job Furst	1/9/2020
88th ABW - Q2 IP Assessment - 20190516	Information Protection Version 1.0	3490	Job Furst	5/22/2019
88th ABW - Q2 IP Assessment - 20190617	Information Protection Version 1.0	3491	Job Furst	5/22/2019

Below the table, there is a note: "(U) This report presents analysis of multiple assessments. The data and charts are presented in separate tabs. Blue tabs indicate user-input data. Green tabs indicate data and charts generated by CounterMeasures. The table below is FOUO".

At the bottom of the sheet, there are several tabs: "Instructions & Assessments" (highlighted with a red dashed box), "Asset Criticality Input", "Threat Characterization Input", "Countermeasure Input", "Risk by Threat Method", "Risk by Threat Source", "Risk by Asset", and "Risk by Individual Assessment".

On the left side of the screen, there is a sidebar with links to "Home", "Advanced Analysis", "Reports", "Documents", "Spreadsheets", and "Multi-Assessment Analysis". The "Multi-Assessment Analysis" link is also highlighted with a red dashed box.

Two callout boxes are present on the right side:

- A blue box states: "Blue tabs compare Assessment input, such as all Benchmarks implemented ."
- A blue box states: "Green tabs show compiled data for each Assessment by Risk pairings."

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Multi-assessment Visualization—Asset Input Report

Clicking through the tabs, “Asset Criticality Input” opens the sheet shown below. Included units are listed on the x-axis and assets on the y-axis. This sheet provides a visualization of the side-by-side comparison of criticality values for each asset by organization or unit.

The screenshot shows a Microsoft Excel spreadsheet titled "EPRM TEST SITE". The first tab, "Indicated Asset Criticality", displays a grid where rows represent assets and columns represent units. The assets listed are: 1 Formerly Restricted Data, 1 Sensitive Compartmented Information (SCI), 2 Restricted Data, 2 Top Secret, 3 Critical Nuclear Weapons Design Information, 3 Secret, 4 Confidential, 4 SIGMA, Controlled Unclassified Information (CUI), and NATO. The units listed on the x-axis are: 3.14 IP Assessment Review, 77th ABW - IP Assessment - 20190503, 77th ABW - IP Assessment - 20190512, 77th ABW - IP Assessment - 20190513, 77th ABW - IP Assessment - 20190515, 77th ABW - IP Assessment - 20190625, 77th ABW - IP Assessment - 20190806, 77th ABW - IP Assessment - 20190905, 88th ABW - Q1 IP Assessment - 20200110, 88th ABW - Q2 IP Assessment - 20200111, 88th ABW - Q2 IP Assessment - 20200112, and ABW - Q2 IP Assessment - 20200113. A legend on the left defines the shading: H - High (darkest), M-H - Medium High, M - Medium, M-L - Medium Low, and L - Low (lightest). A callout box labeled "Assets" points to the asset list, and another labeled "Legend" points to the shading key. A callout box labeled "Click here for Asset Criticality table." points to the entire grid area. A callout box labeled "Individual assessments being compared." points to the column headers. A callout box labeled "Asset Criticality (assessor inputs)" points to the cell containing "H" for the first asset and first unit.

A EPRM TEST SITE		B	C	D	E	F	G	H	I	J
1	Indicated Asset Criticality									
	This tab presents the Asset Criticality inputs of the assessment according to the key below. The cells are shaded progressively darker as the criticality increases.									
	H - High									
	M-H - Medium High									
	M - Medium									
	M-L - Medium Low									
	L - Low									
2		3.14 IP Assessment Review	77th ABW - IP Assessment - 20190503	77th ABW - IP Assessment - 20190512	77th ABW - IP Assessment - 20190513	77th ABW - IP Assessment - 20190515	77th ABW - IP Assessment - 20190625	77th ABW - IP Assessment - 20190806	77th ABW - IP Assessment - 20190905	
3	1 Formerly Restricted Data									
4	1 Sensitive Compartmented Information (SCI)	H								
5	2 Restricted Data	M								
6	2 Top Secret	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H
7	3 Critical Nuclear Weapons Design Information	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H
8	3 Secret	M	M	M	M	M	M	M	M	M
9	4 Confidential	M	M	M	M	M	M	M	M	M
10	4 SIGMA	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H	M-H
11	Controlled Unclassified Information (CUI)	M			M			M		
12	NATO	M	M	M	M	M	M	M	M	M
52	EPRM TEST SITE									

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Multi-assessment Visualization—Threat Input Report

Continuing through the tabs, Threat Characterization Input opens the sheet shown below, which lists units on the x-axis and threats on the y-axis. This sheet provides a visualization of the side-by-side comparison of source and method values for each threat by organization or unit.

The screenshot shows a spreadsheet titled "EPRM TEST SITE" with a legend and a heatmap of threat values. The legend defines the following severity levels:

- H - High/Almost Certain
- M-H - Medium High/Likely
- M - Medium/Moderate
- M-L - Medium Low/Unlikely
- L - Low/Rare

The heatmap uses a color gradient where darker shades represent higher severity. The rows represent different threat types, and the columns represent various units or assessments. A blue callout points to the heatmap area with the text "Individual assessments being compared."

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	EPRM TEST SITE													
Threat (Source - Method)														
This tab presents the Threat Characterization inputs of the assessment according to the key below. The cells are shaded progressively darker as the severity increases.	3.14 IP Assessment Review	77th ABW - IP Assessment - 20190503	77th ABW - IP Assessment - 20190512	77th ABW - IP Assessment - 20190513	77th ABW - IP Assessment - 20190515	77th ABW - IP Assessment - 20190625	77th ABW - IP Assessment - 20190806	77th ABW - IP Assessment - 20190911	88th ABW - Q1 IP 20200110	88th ABW - Q2 IP Assessment	88th ABW - Q2 IP Assessment	88th ABW - Q2 IP Assessment	201904	
H - High/Almost Certain	M	L	L	L	L	M	M	M	M-H	L	L	L		
M-H - Medium High/Likely					M				M-H					
M - Medium/Moderate	M-H	M	M	M	M	M	M	M	M-H	M	M	M		
M-L - Medium Low/Unlikely	L	M-L	M-L	M-L	M-L	M	M	M	H	M-L	N			
L - Low/Rare	M			M		M	M	M	M-H					
3 Criminals - Human Intelligence (HUMINT)	M													
4 Criminals - Open Source Intelligence (OSINT)	M-L													
5 Insiders - Human Intelligence (HUMINT)	M-H	M	M	M	M	M	M	M	M-H	M	M	M		
6 Insiders - Negligent Disclosure	L	M-L	M-L	M-L	M-L	M	M	M	H	M-L	N			
7 Non-state Actors - Human Intelligence (HUMINT)	M			M		M	M	M	M-H					
8 Non-state Actors - Open Source Intelligence (OSINT)	M-L				M				M-H					
Non-state Actors - Signals Intelligence (SIGINT) of Radio Signals	M-L	M	M	M	M	M	M	M	M-H	M	M	M		
10 State Actors - Human Intelligence (HUMINT)	M	M-H	M-H	M-H	M-H	M	M	M	H	M-H	M-H	M-H		
11 State Actors - Open Source Intelligence (OSINT)	L				M-L				H					
State Actors - Signals Intelligence (SIGINT) of Radio Signals	M-L	M	M	M	M	M	M	M	M-H	M	M	M		
12 Nationals														
52	EPRM TEST SITE													

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Multi-assessment Visualization—CM Status Report

Finishing the Blue (Input) tabs, Countermeasure Input opens the sheet shown below, which lists units on the x-axis and Countermeasures on the y-axis. This sheet provides a side-by-side comparison by countermeasure implementation of each organization or unit.

		A	B	C	D	E	F	G	H	I	J	K	L	M
1		EPRM TEST SITE												
		Countermeasure Status - From Assessor Responses												
This tab presents the implementation status of countermeasures in the assessment according to the key below.														
Y - In Place		3.14 IP Assessment Review - 20190503	77th ABW - IP Assessment - 20190512	77th ABW - IP Assessment - 20190513	77th ABW - IP Assessment - 20190515	77th ABW - IP Assessment - 20190625	77th ABW - IP Assessment - 20190806	77th ABW - IP Assessment - 20190911	88th ABW - Q1 IP 2020/2010	88th ABW - Q2 IP Assessment - 20190415	88th ABW - Q2 IP Assessment - 20190516	88th ABW - Q2 IP Assessment - 20190617		
N - Not in-place		9	19	18	31	16	14	17	15	46	15	26	21	15
N/A - Not Applicable		0	1	1	1	1	0	0	0	3	1	1	1	1
P - Proposed for implementation		0	0	0	0	0	3	0	4	0	3	5	4	
I - Implemented		0	0	0	0	0	2	0	0	0	0	0	0	0
Blank - Not triggered, hence not answered		73	72	72	72	73	72	72	72	64	72	72	72	
In Place		64	52	53	40	56	53	55	53	15	53	40	52	
Not In Place		9	19	18	31	16	14	17	15	46	15	26	21	15
Not Applicable		0	1	1	1	1	0	0	0	3	1	1	1	1
Proposed		0	0	0	0	0	3	0	4	0	3	5	4	
Implemented		0	0	0	0	0	2	0	0	0	0	0	0	0
# Triggered		73	72	72	72	73	72	72	72	64	72	72	72	
Safeguarding - 13		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	
Safeguarding - 14		Y	N	Y	Y	Y	N	N	N		Y	Y	N	
Safeguarding - 15		Y	N	Y	Y	Y	N	N	N		Y	Y	N	
Safeguarding - 15.a		N	N	Y	Y	Y	N	N	N		Y	Y	N	
Safeguarding - 16		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	
Safeguarding - 19		Y	Y	Y	Y	Y	Y	Y	Y		N	Y	Y	
Safeguarding - 20		Y	Y	Y	Y	Y	Y	Y	Y		N	Y	Y	
Safeguarding - 21		Y	Y	Y	Y	N	Y	Y	Y		N	Y	Y	
Safeguarding - 22		Y	Y	Y	Y	N	Y	Y	Y		N	Y	Y	
23		Y	Y	Y	Y	N	Y	Y	Y		N	Y	Y	

Legend

Benchmark roll-up

All Benchmarks

Click here for Benchmark table.

Individual assessments being compared.

Benchmark Responses (assessor inputs).
Note: Layout allows easy identification of outliers when CM uniformity is expected.

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Multi-assessment Visualization—(R by T_M) Report

Moving to the Green (calculated data) tabs, Risk by Threat Method opens the sheet shown below, which uses a graph rather than a table format to display data. In addition to the graph, it and subsequent Green tabs include a written explanation, and the numerical data in a table to the left of the graph.

(U) Multi-Assessment Analysis - Risk by Threat Method

(FOUO) This table shows the relative risk introduced by each threat method. Threats are a combination of a threat source and a threat method. Each combination was rated by the user to characterize its severity based on frequency or capability and intent (not damage). The relative risk introduced by each threat method (for all of its threat sources) is below. (Relative risk for each threat source across all threat methods is on the next tab.)

Risk was calculated using "Risk Scenarios" which consider the threats (T), the asset's vulnerability (V) to threats, and the asset's criticality (C). (Risk = T * V * C)

Relative Risk levels are calculated using the level of vulnerability that results from countermeasures currently in place. Risk levels are displayed numerically and graphically, relative to each other, with a higher number and a higher red bar indicating more risk.

Table & graph are FOUO

Threat Methods	Risk
Open Source Intelligence (OSINT)	1.717
Negligent Disclosure	12.470
(SIGINT) of Radio	33.087
Human Intelligence (HUMINT)	59.804

Relative Risk by Threat Method - 12 Assessments

Threat Method	Relative Risk
Open Source...	~1.717
Negligent...	~12.470
Signals...	~33.087
Human...	~59.804

*NOTE: Row labels are cut off. Click here for Risk by Threat Method data.

Numerical data

Click here for Risk by Threat Method data.

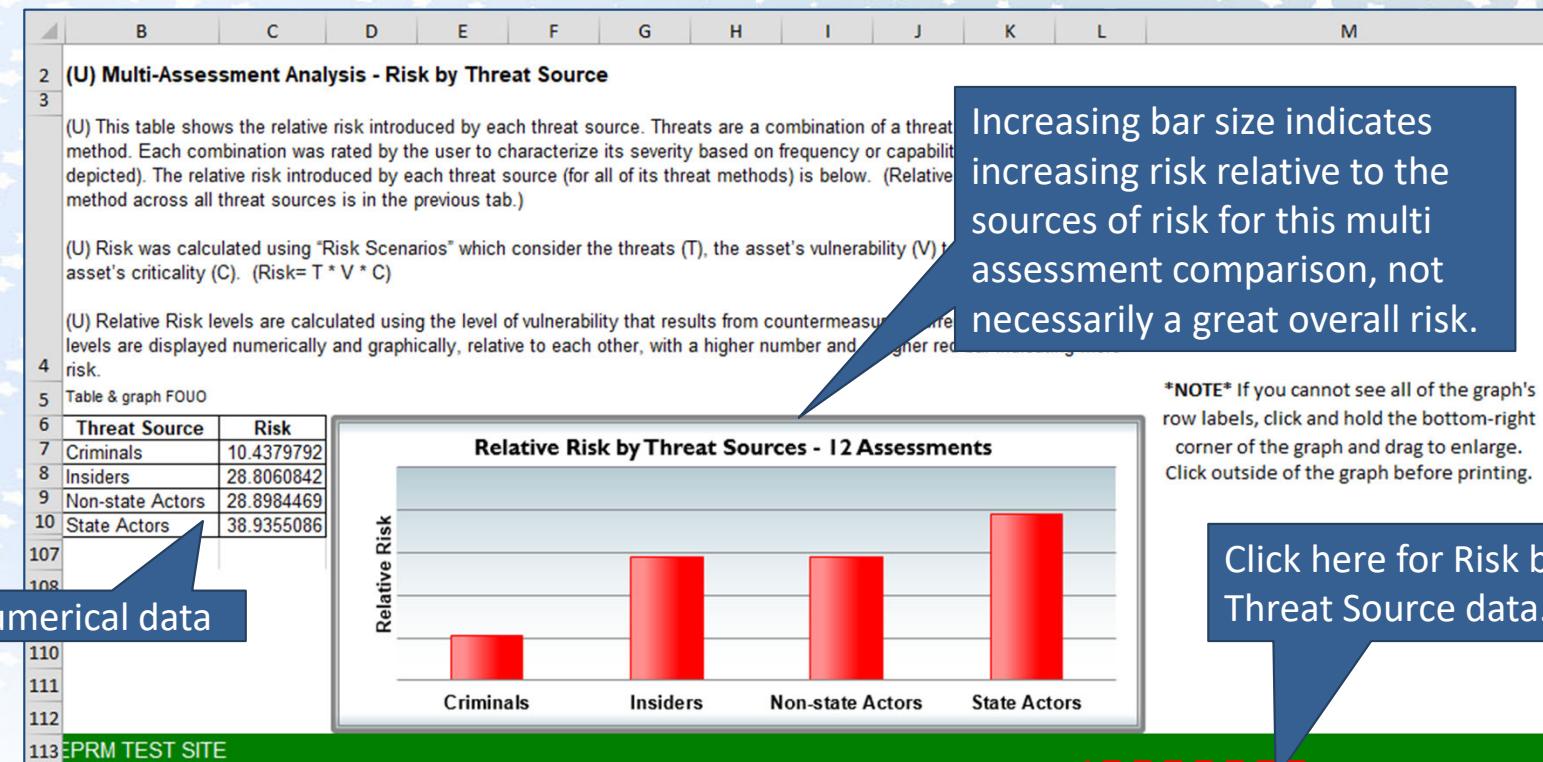
Instructions & Assets Countermeasure Input Risk by Threat Method Risk by Threat Source Risk by Asset Risk by Individual Assessment

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Multi-assessment Visualization—(R by T_S) Report

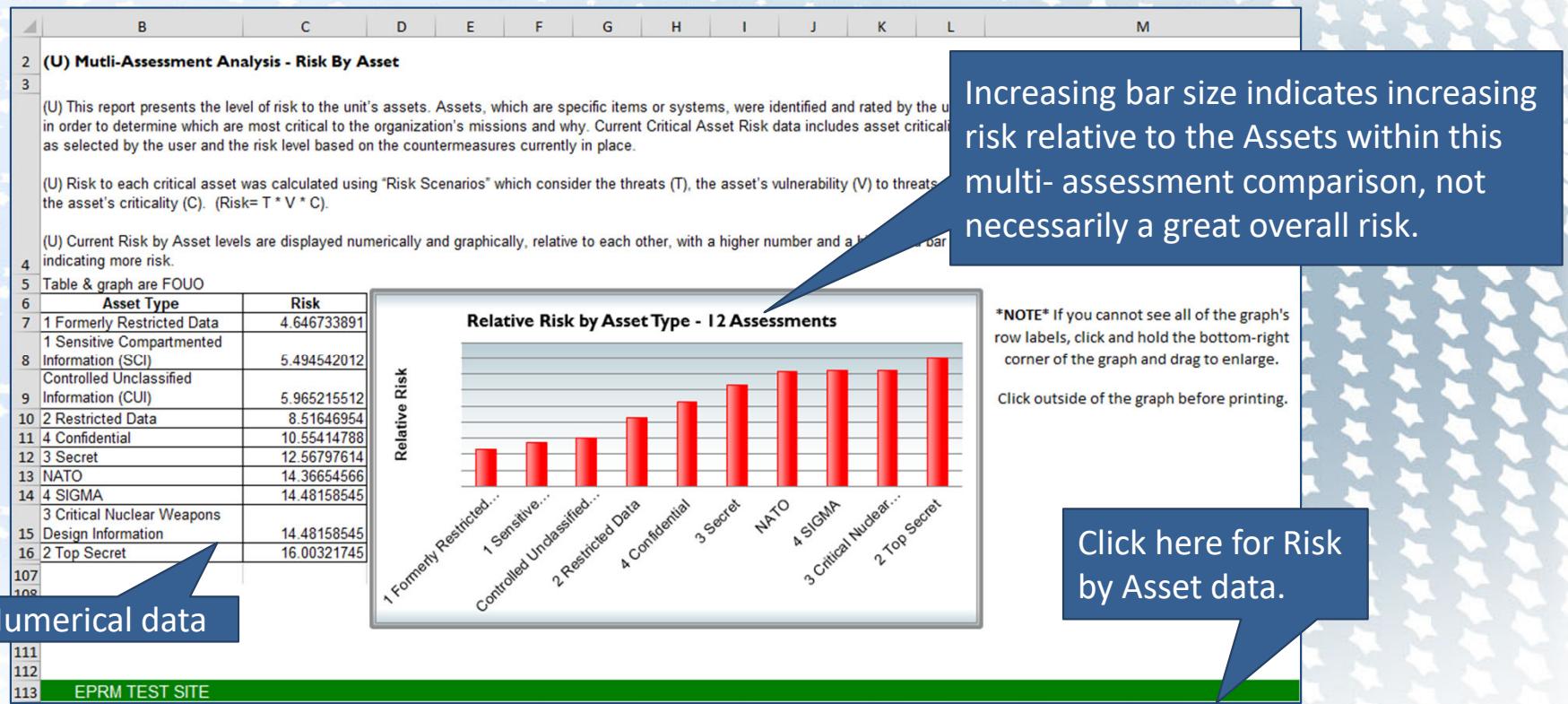
Continuing with the Green (calculated data) tabs, Risk by Threat source opens the sheet shown below. Here the threat source, or threat actors are displayed in the bars of the graph. Again, it includes a written explanation, and the numerical data in a table to the left of the graph.



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Multi-assessment Visualization—(R by A) Report

Continuing with the Green (calculated data) tabs, Risk by Asset Type opens the sheet shown below. Here the assets that are at risk are displayed in the bars of the graph. Again, it includes a written explanation, and the raw data in a table to the left of the graph.

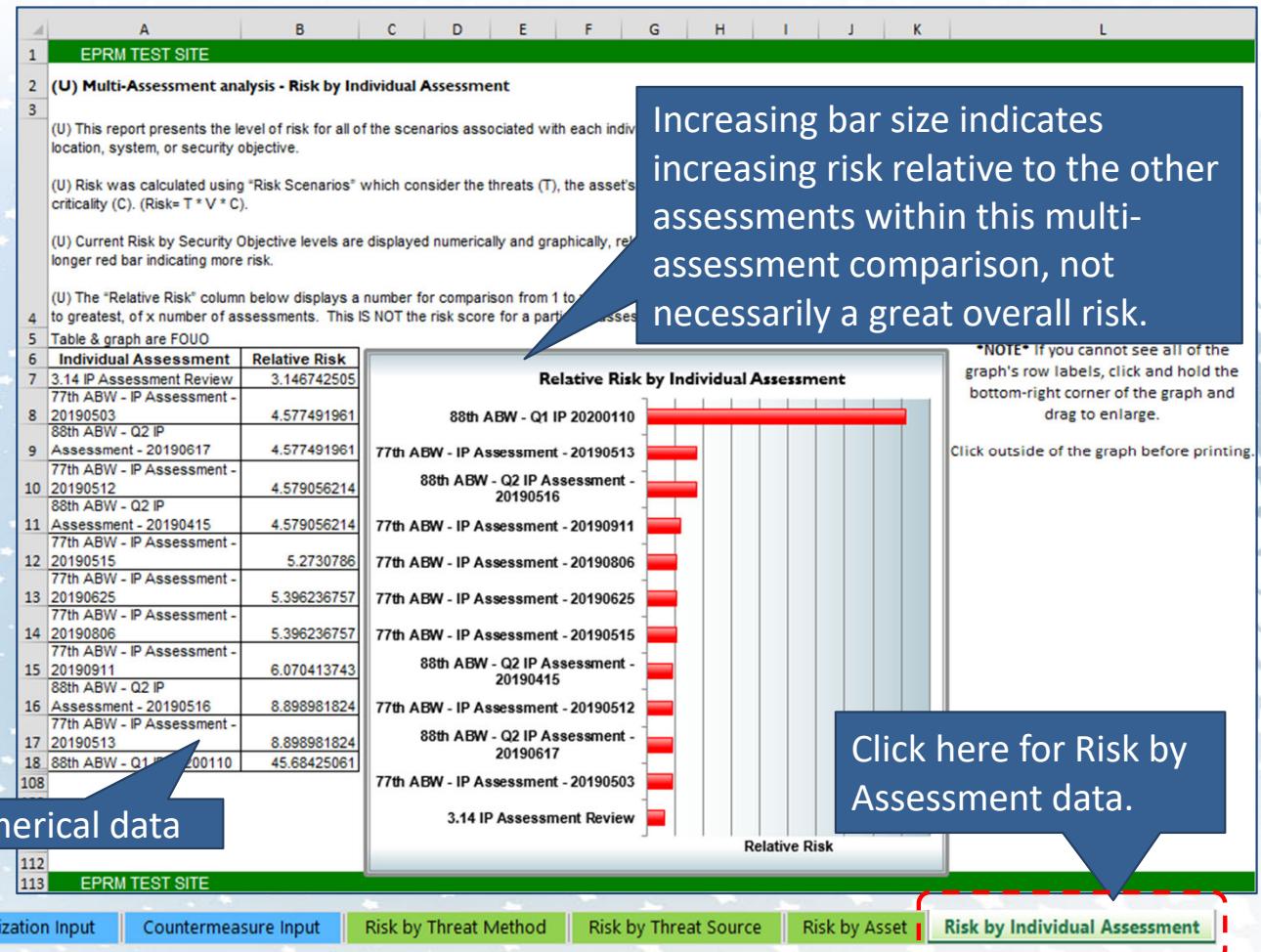


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Multi-assessment Visualization—(R by Unit) Report

The final Green (calculated data) tab, Risk by Assessment opens the sheet shown below. Here the individual assessments' relative aggregate risk is represented in the bar graph. The graph displays horizontally to show a readable list of units down the left side, and an easier recognition of unit risk comparisons. The other features remain the same, a brief explanation and a table of numerical values.



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CM Compliance Implementation & Analysis

Creates an Excel analysis datasheet detailing the status of countermeasures implementation across the selected assessments.

Legend

Benchmark roll-up

All Benchmarks

Countermeasure Status - From Assessor Responses

This tab presents the implementation status of countermeasures in the assessment according to the key below.

Y – In Place
N – Not in place
N/A – Not Applicable
P – Proposed for implementation
I – Implemented
Blank – Not triggered, hence not answered

	In Place	Not In Place	Not Applicable	Proposed	Implemented
In Place	52	53	55	40	53
Not In Place	19	15	17	26	14
Not Applicable	1	1	0	1	1
Proposed	0	3	0	5	4
Implemented	0	0	0	0	2

Individual assessments being compared.

Benchmark Responses (assessor inputs). Note: Layout allows easy identification of outliers when CM uniformity is expected.

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All Risk Scenario Visualization

Clicking the “Export all Risk Scenario Data” hyperlink opens an Excel file report. This report contains similar risk scenario information described previously (pg. 9); however, the report lists all risk scenarios as compared to the aggregated risk scenarios by each asset-threat-vulnerability calculation. The Excel report format allows the user to manipulate the data further if desired.

Home > Advanced Analysis > Reports

EPRM will prepare reports for you. Create reports to show your current Risk state, actions taken to reduce risk and progress toward your risk reduction goals. CM Web will generate each of the reports listed below according to a thorough analysis of your assessment.

Documents

Spreadsheets

Multi-Assessment Analysis

Creates a Microsoft spreadsheet-based report that provides a comprehensive view of your risk and compliance status across multiple assessments. This report measures risk by asset, threat or location for a collection of assessments. It also includes compliance data by assessment based on the tab you select. You may click any of the buttons to the right of the grid to obtain more detailed data or reports.

Countermeasure Compliance Implementation and Analysis (XLS)

Creates an Excel analysis spreadsheet detailing the status of countermeasures across multiple assessments. It generates a table of all risk scenario data.

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Home > Advanced Analysis > Analysis Detail

Let's take a deeper look at your risk. EPRM's in-depth analysis will help you understand your risk and compliance levels. You may view compliance for all sources or a selected one. You may also view risk by asset, threat or location for a selected assessment. You can also view compliance data by assessment based on the tab you select. You may click any of the buttons to the right of the grid to obtain more detailed data or reports.

Export all Risk Scenario Data (highlighted with a red circle)

Home > Advanced Analysis > Analysis Detail > Risk Scenarios

The risk bar chart indicates original, current and planned risk level(s) for the selected assessment(s). (NOTE: If no mitigating actions have been taken, the current risk will be the same as the planned risk.)

The total 100% value of the bar represents the total overall risk possible for the selected assessment(s) and the values displayed are the percentage of risk contributed by each threat source. The legend indicates the color coding for the risk levels: Red = High Risk, Orange = Medium Risk, Yellow = Low Risk, Green = Very Low Risk.

Note: Since this page is for data display only, users cannot plan or make changes here; those actions are preferred in Basic Analysis.

Your Risk Overview (Risk Level)

CURRENT Risk Level: 47.2% **PLANNED Risk Level: 34.2%**

Aggregated Risk Scenarios

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Assets	Risk by Assessment (Assessment)	Current Risk Score
State Actors	88th ABW - Q2 IP Assessment - 20190617	1.00
State Actors	88th ABW - Q2 IP Assessment - 20190618	1.00
State Actors	88th ABW - Q2 IP Assessment - 20190619	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to Human Intelligence (HUMINT) from an Outsider	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to Human Intelligence (HUMINT) from an Insider	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to Nuclear Weapon	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to Non-state Actor	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to State Actor	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to 4 SCAM	1.00
Non-state Actors	Signals Intelligence (SCI) Vulnerability to Signals to 4 SCAM	1.00
Non-state Actors	Human Intelligence (HUM) Vulnerability to Human or 3 Critical Nuclear Weapon	1.00

Risk Scenario Details

ID	Assessment	Threat Name	Asset Name	Threat Rating	Threat Severity	Vulnerability Level	Asset Criticality	Current Risk Score	Planned Risk Score
3491	88th ABW - Q2 IP Assessment - 20190616	(none specified)	(none specified)	0.78	1.00	0.47	88	23.6	25.4
3491	88th ABW - Q2 IP Assessment - 20190617	(none specified)	(none specified)	0.78	1.00	0.38	88	26.2	20.4
3491	88th ABW - Q2 IP Assessment - 20190618	(none specified)	(none specified)	0.78	1.00	0.34	88	23.5	19.5

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Final Note: User Assistance

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

- **Accessing system:** (SIPRNET) <https://eprm.csd.disa.smil.mil>
- **Help:** For assistance and for any questions, please email EPRMhelp@hii-tsd.com 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: <http://eprmhelp.countermeasures.com>



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