

REPORT DOCUMENTATION PAGE

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a. REPORT	b. ABSTRACT	c. THIS PAGE			19b. TELEPHONE NUMBER (include area code)



U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT COMMAND – GROUND VEHICLE SYSTEMS CENTER

Converting a Risk to an Issue in
Project Recon

01 DECEMBER 2025

Controlled by:	DEVCOM GVSC
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OPSEC # 10204

Unique *Project Recon* Capabilities



Project Recon is a web-based GOTS tool designed to capture, manage, and link Risks, Issues, and Opportunities in a centralized database.

■ Risk Management

- Track risk likelihood and consequence on the standard DoD 5x5 Risk Matrix
- Create and track mitigation plans
- Visualize risk burn-down on graphical reports

■ Issue Management

- Capture both independent and risk-linked issues
- Develop and implement corrective action plans
- Create issues summary graphic across project/teams

■ Opportunity Management

- Identify and track potential benefits to project cost, performance and schedule
- Create growth plans to proactively capture benefits
- Customize reports to group opportunities by programmatic, technical, business, contracting, and more

The image displays three screenshots of the Project Recon web application interface, each showing a different type of risk assessment matrix.

Top Screenshot: Risk Info Sheet
 This screen shows a list of risks on the left and a 5x5 Risk Matrix on the right. The matrix plots Likelihood (1-5) against Consequence (1-5). The cells are color-coded: Green (Low/Low), Yellow (Low/Moderate), Orange (Moderate/Moderate), and Red (High/High). A legend on the right defines the Likelihood and Consequence scales.

Middle Screenshot: Issue Info Sheet
 This screen shows a list of issues on the left and a 5x5 matrix on the right. The matrix plots Likelihood (1-5) against Consequence (1-5). The cells are color-coded: Green (Low/Low), Yellow (Low/Moderate), Orange (Moderate/Moderate), and Red (High/High). A legend on the right defines the Likelihood and Consequence scales.

Bottom Screenshot: Opportunity Info Sheet
 This screen shows a list of opportunities on the left and a 5x5 matrix on the right. The matrix plots Likelihood (1-5) against Gain (1-5). The cells are color-coded: Blue (Low/Low), Yellow (Low/Moderate), Orange (Moderate/Moderate), and Red (High/High). A legend on the right defines the Likelihood and Gain scales.

Converting a Risk to an Issue



When you are no longer able to Mitigate a Risk and the Likelihood and Consequences are more real-time and current, then the Risk may have become an Issue. Select the “Make an Issue” button from the Risk Info Sheet toolbar. The Issue browse window will appear, allowing you to choose which folder in the Issue database you wish to add the Issue. Navigate to the desired folder structure and select the level 5 folder for the new issue.

Risk Info Sheet | Documents | Discussions | Links | Shared Folders | History

Save | Save and Notify Team | Risk Info Team | ABC

On Watch | Submit Risk | Reject Risk | Close Risk | **Make an Issue** | Bypass ▾

Complete all required fields (marked with asterisk*) to save Risk

Risk Analysis

Folder Path: Risk Recon » PEO / COMMAND » PM RDEC » PM RISKS » Se

Risk ID: 3622

User Defined Risk ID: R-1873

Custom Field Example : Test of Level 3 custom field name

Title:* Overheating of Advanced Technology Batteries

Risk Condition:* If the (ATB) Advanced Technology Battery reaches a sustain degrees °C for 30 minutes, due to extreme engine tempera probability of ignition is reduced to 80% resulting in potent power impacting the soldier's confidence in executing their

Urgent: Check to alert first level approvers of time sensitive issue

Open Date:* 1/18/2020

Estimated Realization Date: 12/1/2021

Last Saved On Date: 3/28/2022 4:27:52 PM

WBS #: GCV-23004dc

IMP/IMS #: GCV-32156rj

Risk Lead:* Carter, Ronald

Functional Groups:

Choose Issue Folder...

- ILSC Issues Lvl 1
- JPEO-CBD Issues Lvl 1
- JPEO-CBRN Issues Lvl 1
- NAVAIRSYSCOM Issues Lvl 1
- Navy Warfare Centers Issues Lvl 1
- PEO / Command Lvl 1
 - PM/PMO/RDEC Lvl 2
 - PRODUCT/PLATFORM Lvl 3
 - PROJECT/TECH OR FUNCTIONAL AREA Lvl 4
 - TECH OR FUNCTIONAL AREA Lvl 5**
- Training Issues Lvl 4
- PEO Ammo Issues Lvl 1
- PEO Aviation Lvl 1
- PEO CS/CSS Issues Lvl 1
- PEO EIS Issues Lvl 1
- PEO GCS Lvl 1

Select a level 5 folder. [OK] [Cancel]

Locating the New Issue



Open the Issue tool and navigate to the previously selected level 5 folder. The new Issue should be visible as a duplicate of the Risk it was copied from. Open the new Issue record to display the Issue Info Sheet properties.

Project Recon
Admin | Feedback | Help | Reports

Dashboard Selected folder: Issue Recon

Folders

Bookmarks:

- Issue Recon
 - ARDEC Lvl 1
 - ASAALT Lvl 1
 - Air Force Lvl 1
 - CERDEC Issues Lvl 1
 - DEVCOM Lvl 1
 - DHS Issues Lvl 1
 - DLA Issues Lvl 1
 - Demo Lvl 1
 - ECBC Issues Lvl 1
 - GVSC Lvl 1
 - ILSC Issues Lvl 1
 - JPEO-CBD Issues Lvl 1
 - JPEO-CBRN Issues Lvl 1
 - NAVAIRSYSCOM Issues Lvl 1
 - Navy Warfare Centers Issues Lvl 1
 - PEO / Command
 - PM/PMO/RDEC Lvl 2
 - PRODUCT/PLATFORM Lvl 3
 - PROJECT/TECH OR FUNCTIONAL AR Lvl 4
 - TECH OR FUNCTIONAL AREA Lvl 5**
 - Training Issues Lvl 4
 - PEO Ammo Issues Lvl 1
 - PEO Aviation Lvl 1
 - PEO CS/CSS Issues Lvl 1
 - PEO EIS Issues Lvl 1
 - PEO GCS Lvl 1
 - PEO IEW&S Issues Lvl 1
 - PEO Land Systems Issues Lvl 1
 - PEO Missiles and Space Lvl 1

Issues

Show: Issues in Child Folders Shared Issues Closed Issues Issues on Watch

ID	Title	Rating	Status
137	Separator material failed to insulate	3	1st Level Approver
138	Overheating of advanced technology batteries	2	Baselined
139	Power Source Technology Readiness Level	4	Watch
140	Issue Correction	3	Baselined
143	Training Example - Loss of Transportation	5	2nd Level Approver
149	Hazardous Waste Removal	4	Baselined
151	Overheating of Lithium batteries	1	Baselined
158	Copy of Proposed new approach - Cost	3	2nd Level Approver
601	Overheating of advanced technology batteries...	3	Candidate
5947	Battery overheating	5	Candidate
5948	Battery Overheating Risk #1	5	Candidate
6016	Overheating of advanced technology batteries..	5	Candidate
6131	Battery overheating	4	Candidate
6159	Overheating of advanced technology batteries.	4	Candidate
6193	SDFasdf	4	Candidate
7221	ABC Production Proposal Estimate Significantly...	1	Candidate
7222	DCGS is not ready for MS-001 Integration	3	Candidate
7223	Program Staffing	3	Candidate
7224	PMO Staffing Levels	3	Candidate
7225	Check Source for Users	3	Candidate
10001	Mobility Drive Mechanisms	4	Candidate
23044	Overheating of Advanced Technology Batteries	4	Candidate

Modifying the New Issue Properties



The “Created from Risk ID:” field will represent a trace reference back to the original Risk ID.

Modify the Problem Statement field to reflect the content of the newly created Issue. Remove the ‘If’ phrase from this statement as there is no need for a Likelihood condition for an Issue. Record any other modifications need to the Problem Statement to reflect the current consequence or impact. Refer to the Issue User Guide manual for assistance with any other properties.

The screenshot shows the 'Issue Info Sheet' form with various tabs and fields. A red arrow points from the yellow text box to the 'Created from Risk ID' field, and another red arrow points to the 'Problem Statement' field.

Issue Info Sheet	Documents	Discussions	Links	Shared Folders	History
Save	Save and Notify Team	Issue Info Team	Related Risks	ABC	
<input type="checkbox"/> On Watch	Submit Issue	Reject Issue	Close Issue	Bypass ▾	
Complete all required fields (marked with asterisk*) to save Issue.					
Issue Analysis					
Folder Path:	Issue Recon » PEO / Command » PM/PMO/RDEC » PRODUCT/PLATFORM » PROJECT/TECH OR FUNCTIONAL AREA » TECH OR FUNCTIONAL AREA				
Issue ID:	23044				
Created from Risk ID:	3622				
User Defined Issue ID:	<input type="text"/>				
Display of Custom Field:	<input type="text"/>				
Title:*	<input type="text" value="Overheating of Advanced Technology Batteries"/>				
Problem Statement:*	<input type="text" value="If the (ATB) Advanced Technology Battery reaches a sustained temperature of 130 degrees °C for 30 minutes, due to extreme engine temperatures, then the probability of ignition is reduced to 80% resulting in potential loss of vehicle power impacting the soldier's confidence in executing their mission."/>				
Urgent:	<input type="checkbox"/> Check to alert first level approvers of time sensitive issue				
Date Initiated:*	<input type="text" value="4/5/2022"/>				
Last Saved On Date:	<input type="text" value="4/5/2022 10:58:30 AM"/>				
Estimated Closure Date:	<input type="text"/>				
Issue Lead:*	<input type="text" value="Carter, Ronald"/>				
Issue Originator:	<input type="text"/>				
Functional Groups:	<input type="text"/>				
Consequence:	<input type="text" value="In terms of cost, schedule, performance and other"/>				

Rating The New Issue



Immediately after conversion, the Consequence rating values will appear in the Issue Matrix in the same position that aligns with where they were on the Risk Matrix. If any adjustments need to be made to the Consequence rating, the icons can be moved via drag/drop. Remember to save all changes.

Issue Assessment

Both O and C tiles are required* to be placed on the matrix.

			C*	O*	
1	2	3	4	5	

CONSEQUENCE

Drag and drop O, C, and R buttons to proper matrix cells. If a corrective action plan has been applied, then C is determined by completed corrective action steps and can not be edited here.

O* = Original
C* = Current
R = Residual

Consequences
1 = Minimal Impact
2 = Minor Impact
3 = Moderate Impact
4 = Significant Impact
5 = Critical Impact

Issue Assessment

Both O and C tiles are required* to be placed on the matrix.

R		C*	O*	
1	2	3	4	5

CONSEQUENCE

Drag and drop O, C, and R buttons to proper matrix cells. If a corrective action plan has been applied, then C is determined by completed corrective action steps and can not be edited here.

O* = Original
C* = Current
R = Residual

Consequences
1 = Minimal Impact
2 = Minor Impact
3 = Moderate Impact
4 = Significant Impact
5 = Critical Impact

Converting the Mitigation Plan to a Corrective Action Plan



Immediately after conversion, the Corrective Action Plan for the newly created Issue will contain all of the Mitigation Plan and Step Properties of the source Risk.

Mitigation Plan | Mitigation Steps | Plan History | Step History | Archived

Save | Save and Notify Team | Mitigation Info Team | ABC | Status

Submit Plan | Reject Plan | Close Plan | Bypass

** Submission is blocked since the risk is not BASELINED. **

Complete all required fields (marked with asterisk*) to save Mitigation Plan.

Mitigation Plan Summary

Plan ID: 17676

Mitigation Title:* Electrically insulated separators

Open Date:* 2/28/2018

Last Saved On Date: 4/26/2018 7:15:33 AM

Risk Mitigation Method:* Control

Review Frequency: Monthly

Mitigation Plan Lead:* Carter, Ronald

Mitigation Plan Summary: Utilize separators to electrically insulate materials with

Corrective Action Plan | Corrective Action Steps | Plan History | Step History | Archived

Save | Save and Notify Team | Plan Info Team | ABC | Status

Submit Plan | Reject Plan | Close Plan | Bypass

** Submission is blocked since the issue is not BASELINED. **

Complete all required fields (marked with asterisk*) to save Corrective Action Plan.

Corrective Action Summary

Corrective Action Plan ID: 18389

Corrective Plan:* Electrically insulated separators

Open Date:* 4/5/2022

Last Saved On Date: 4/5/2022 10:58:30 AM

Review Frequency: Monthly

Corrective Action Plan Lead:* Carter, Ronald

Corrective Action Plan Summary: Utilize separators to electrically insulate materials within the battery.

Setting the Issue's Applied Term



Immediately after conversion, the Corrective Action Plan for the newly created Issue will contain any previous Mitigation Plan data converted to the Corrective Action Plans. However the 'Applied Term' radio buttons will be unchecked. For an Issue, there are 2 options for 'Applied' – Short & Long Term. A Short Term Plan would normally include an engineering correction approach to the Issue as soon as possible, compared to a Long Term approach which would utilize strategic tactics with defined executable actions centered on long term objectives. It is possible that 2 plans could be executed, one after the other. (i.e. Short and Long Term Plan)

Title	Applied Short Term	Applied Long Term	Corrective Action Plan Status	Corrective Action Plan Lead
Electrically insulated separators	<input type="radio"/>	<input type="radio"/>	In Development	Carter, Ronald
Temperature sensors	<input type="radio"/>	<input type="radio"/>	In Development	Carter, Ronald

Corrective Action Plan | Corrective Action Steps | Plan History | Step History | Archived

Save | Save and Notify Team | Plan Info Team | ABC

Status: In Development

Submit Plan | Reject Plan | Close Plan | Bypass

** Submission is blocked since the issue is not BASELINED. **

Converting Mitigation Steps to Corrective Action Steps



After converting a Risk to an Issue, the newly created Issue's Corrective Action Steps will also be populated from the mitigation step detail of the source Risk. This new step detail should be reviewed and modified accordingly based on its application to the new Issue.

Corrective Action Plan										
Corrective Action Steps										
Plan History										
Step History										
Archived										
#	Corrective Step	Step ID	Planned Finish	Actual Finish..	Progress	Status	New Consequ	Rating	Step Owner	Cost
1	Create separators installation requirements	23445	5/21/2020	5/25/2020	Complete		(4) Signifi...	4	B. Leece, Graf, Becker	EVB \$80
2	Test performance of new materials	23446	7/15/2020	8/1/2020	Complete		(4) Signifi...	4	ABC Contractor	
3	Design one polymer to soften at 130 °C	23447	12/15/2020	12/15/2020	Complete		(4) Signifi...	4	B. leece	
4	Design separator with 2 polymers	23448	1/18/2021	1/26/2022	Complete		(4) Signifi...	4	B. Leece	
5	Second polymer to melt above 190 C	23449	7/24/2021	3/8/2022	Complete		(4) Signifi...	4	B. Leece	
6	Install new separator material	23450	8/16/2021		In Progress		(4) Signifi...	4	L. Graf	
7	Create document with comparison of all data	23451	10/10/2021		Not Started		(4) Signifi...	4	B. Leece	\$15k
8	Present final findings to upper management	23452	12/15/2021		Not Started		(4) Signifi...	4	M. Scientific	

Additional Publications



Following is a List of Additional Project Recon User Guides:

- Documenting a New Risk in Project Recon
- Creating a Mitigation Plan in Project Recon
- Documenting a New Issue in Project Recon
- Creating a Corrective Action Plan in Project Recon
- Documenting a New Opportunity in Project Recon
- Creating a Growth Plan in Project Recon
- Creating Traceability Links in Project Recon
- Sharing a Risk With Other Product Teams in Project Recon

Resources



Available Project Recon Services:

- Monthly Public Virtual Training Sessions
- Online Demonstrations via MS TEAMS
- Test Accounts for Purposes of Evaluation

To learn more about any of these services or obtain additional information regarding the Project Recon tool please contact any of the following resources:

- ARMY DEVCOM GVSC SE Tools Help Desk, usarmy.detroit.devcom-gvsc.mbx.ace-support@army.mil, 586-764-3099
- Ron Carter, SE Tools Training Lead, ronald.d.carter61.ctr@army.mil, 571-588-6474
- Donna Matti, Customer Lead, donna.r.matti.civ@army.mil, 571-588-7474
- Hanna Yaldo, Technical Lead, hanna.l.yaldo.civ@army.mil, 571-588-8500