



# How to Submit an Innovative Solution?



MANEUVER COLLABORATION CENTER

# (1) From the Home page, under **Networks** > **Select Opportunities and Needs.**

## Where do you want to go?

Networks

**Opportunities and Needs**

Help

Frequently Asked Questions (FAQs)

Projects

Groups

Search

## Welcome.

MC<sup>2</sup> is a world-class collaborative innovation center and online community that allows GDL8 engineers to join forces with military personnel, suppliers, and government officials - from anywhere, at anytime - to develop innovative combat solutions. To submit your creative ideas, visit an innovation area of interest to you, review our opportunities and needs, and submit an innovative solution based on technologies that you are currently working. We look forward to hearing from you.

### Choose an innovation area that interests you.



#### System Integration & Architecture

Modular, scalable architectures, crew systems and vehicle improvements to enhance crew safety and operational effectiveness, and development of modeling and simulation tools.



#### Reduce O&S Cost

Reduction in vehicle maintenance cost, logistics support, and overall ownership cost for the Warfighter.



#### Lethality

Advancements in neutralizing opposition and controlling the battlespace for the Warfighter.



#### Automation & Autonomous Systems

Critical systems and enhanced capabilities to reduce the warfighter operational burden and safety risk.



#### Survivability

Identifying, maturing, exploiting and implementing survivability technologies that enhance combat vehicle and soldier survivability. General technology areas of interest are penetration resistance, hit avoidance, detection/acquisition avoidance, and control of the combat encounter via integrated situational awareness.



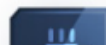
#### Mobility, Power & Energy

More efficient, more powerful, and more mobile military platforms, including alternative fuels, propulsion systems, etc.



#### Subsystems Development

Improvements to the key subsystems and components required for successful military vehicle design and integration.



#### Process Technology/Other

## Helpful Links

Click here to take our survey about our MC<sup>2</sup> Community Site.

If you are a supplier and having trouble with this site, please click here to email the supplier development team.

If you are an employee and having trouble with this site, please click here to email the site admin.

## Popular Tags

- customer\_demo diagnosis
- fuel\_efficiency grand\_opening
- human\_factors innovative\_solutions
- knowledge\_management mc2
- medical\_treatment
- need statement**
- opportunity** process
- quick\_reduce\_crew\_burden
- screening\_process screening\_team
- technology\_warfighter\_forum
- weight\_reduction

View all

# Opportunities and Needs

Overview

All Content (0)

Need Statements (0) Set as default tab



























(2) From the list, click the **need statement** you want to create an innovative solution for.

2

## Thrust Areas

- Automation and Autonomous Systems
- Lethality
- Mobility, Power & Energy
- Reduce Operations and Support Cost
- Subsystem Development
- Survivability
- System Integration and Architecture
- Process Technology / Other

## Recent Need Statements

 <b>Over The Tire Track for Military Vehicles</b> 1 day ago in Mobility, Power & Energy	by Justin B Holmes	
 <b>Increased Survivability and Fire Resistance of Fuel Storage and Delivery Systems</b> 6 days ago in Survivability	by Michael P Huetteman	
 <b>Indirect Driving &amp; 360 degree Situational Awareness</b> 2 weeks ago in Subsystem Development	by Robert Otlowski Jr	
 <b>APS for RPG (and potentially ATGM) defeat</b> 2 weeks ago in Survivability	by Robert Otlowski Jr	
 <b>Sensor/Health Monitor for Soldiers</b> 3 weeks ago in System Integration and Architecture	by Carl Copp	
 <b>Mobile Medical Diagnostic/Treatment Equipment</b> 3 weeks ago in System Integration and Architecture	by Carl Copp	
 <b>Machining Technology</b> 1 month ago in Process Technology / Other	by Eugene Shaw	
 <b>Assembly Technology</b> 1 month ago in Process Technology / Other	by Eugene Shaw	
 <b>Material Joining</b> 1 month ago in Process Technology / Other	by Eugene Shaw	
 <b>Process Quality Control</b> 1 month ago in Process Technology / Other	by Eugene Shaw	
 <b>Sights, Sighting Systems</b> 1 month ago in Lethality	by Michael Patterson	
 <b>Fuel Efficiency</b> 1 month ago in Mobility, Power & Energy	by Michael Patterson	
 <b>Water Generation</b> 1 month ago in Subsystem Development	by Michael Patterson	

### (3) Click Create An Innovative Solution.

MC2 Community > Opportunities and Needs > Reduce Operations and Support Cost > Need Statements

▲ Up to Need Statements in Reduce Operations and Support Cost

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## Diagnostic, Prognostic

VERSION 1

Created on: Oct 6, 2010 5:13 PM by Jenita Davis - Last Modified: Oct 6, 2010 5:14 PM by Jenita Davis

Diagnosis and prediction of critical system and subsystem failures. Goal is to reduce total maintenance downtime by 10%.

0 Views  Tags (edit): reduce, diagnostic

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CREATE AN INNOVATIVE SOLUTION 

Average User Rating













(0 ratings)

Comments (0)

There are no comments on this document.

#### Actions

-  Edit document
-  Manage versions
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-  Receive email notifications
-  Send as email
-  View as PDF
-  View print preview
-  Bookmark this

#### Bookmarked By (0)

View:

No public bookmarks exist for this content.

#### More Like This

## Create Innovative Solution in Reduce Operations and Support Cost

1 If your design concept or innovative solution is NON-PROPRIETARY, please submit here in description here, and then create a link to the proprietary documentation in your PROPRIETARY records, as this will not be viewable after submission. If you require help on attaching a link to help on TRL or MRL levels, please see our help section.


2 Need Statement: Diagnostics, Prognostics



Diagnostics and prediction of critical system and subsystem failures. Goal is to reduce

- (4) Enter the **Subject** and a **Description** of your solution in the body.
- (5) Select the **TRL** and **MRL** level with justification.
- (6) Enter tags that define the content of your solution.
- (7) Click **Create Innovative Solution**.

4

Subject:

Font Family 10 pt 

**B** *i* U   Style ▾

5

Technology Readiness L

TRL 4 ▾


Manufacturing Readiness Level (MRL) (Required)

MRL 2 ▾

TRL/MRL Justification

prototype phase ▾

6

 **Tags** Use networks to separate multiple tags, use an underscore to combine two words

**Popular Tags:** Below is a list of frequently used tags in this network.

diagnostics life\_cycle\_cost need\_statement opportunity prognostics test\_data\_reduction

+ Collaboration Options

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Create Innovative Solution

Cancel

(8) This confirms that your solution has been received. You will receive further notification of your solution status.

MC2 Community > Opportunities and Needs > Reduce Operations and Support Cost >

## Thank you for submitting your innovative solution

Your input is of critical value as we collectively work toward providing our ultimate customer, our soldiers and marines, with the most mission effective solutions that provide maximum protection and safety in the most expeditious manner. Our GDLS team of subject matter experts will evaluate your submission for opportunity. We may, as a result request additional information from you to evaluate your concept's maturity level, and/or request that a technology demonstration be conducted to further evaluate your solution or product and possible approach for integration. By submission of your solution there is no guarantee it will result in further activity by GDLS, or otherwise result in a business agreement with GDLS. Thank you again on behalf of the Warfighter, and please visit us again soon, as we greatly value your input.

[Create another Innovative Solution](#)

[Return to Thrust Area](#)

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