



mc²

THE **ANSWER** TO THE **INNOVATION** EQUATION IS **COLLABORATION**

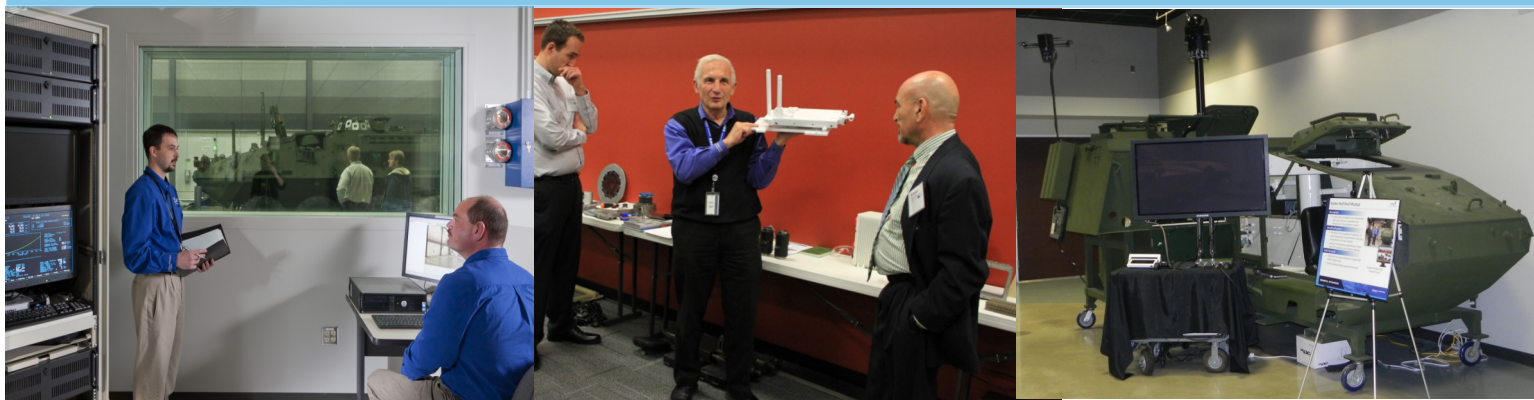
START COLLABORATING TODAY

<https://collaboration.gdls-mc2.com>

GENERAL DYNAMICS
Land Systems

THE MANUEVER COLLABORATION CENTER (mc²)

1. **A NEW MODEL FOR COLLABORATION** that leverages General Dynamics Land Systems' strong system engineering and integration heritage. This new process enables speedy and agile innovation for military vehicles and system product improvement.
2. **A VIRTUAL COMMUNITY** that enables the collaboration process between our team of world-class engineers, General Dynamics teammates, customers, suppliers, academia, and most importantly, Warfighters.
3. **A STATE-OF-THE-ART FACILITY** with a complete "alpha to omega" life cycle laboratory where promising ideas can be conceived, examined and implemented.



TECHNOLOGY THRUST AREAS



System Integration & Architecture

Modular, scalable architectures, crew systems and vehicle improvements to enhance crew safety and operational effectiveness.



Reduce Operations & Support Cost

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



Lethality

Advancements in neutralizing opposition and controlling the battle space for the Warfighter.



Automation & Autonomous

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



Survivability

General technology areas of interests: penetration resistance, hit avoidance, detection/acquisition avoidance, and control of the combat encounter.



Mobility, Power & Energy

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



Subsystem Development

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



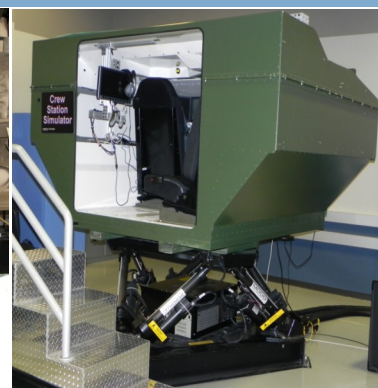
Process Technology/Other

Innovations in design, development, manufacturing, assembly and logistics processes associated with military vehicles.

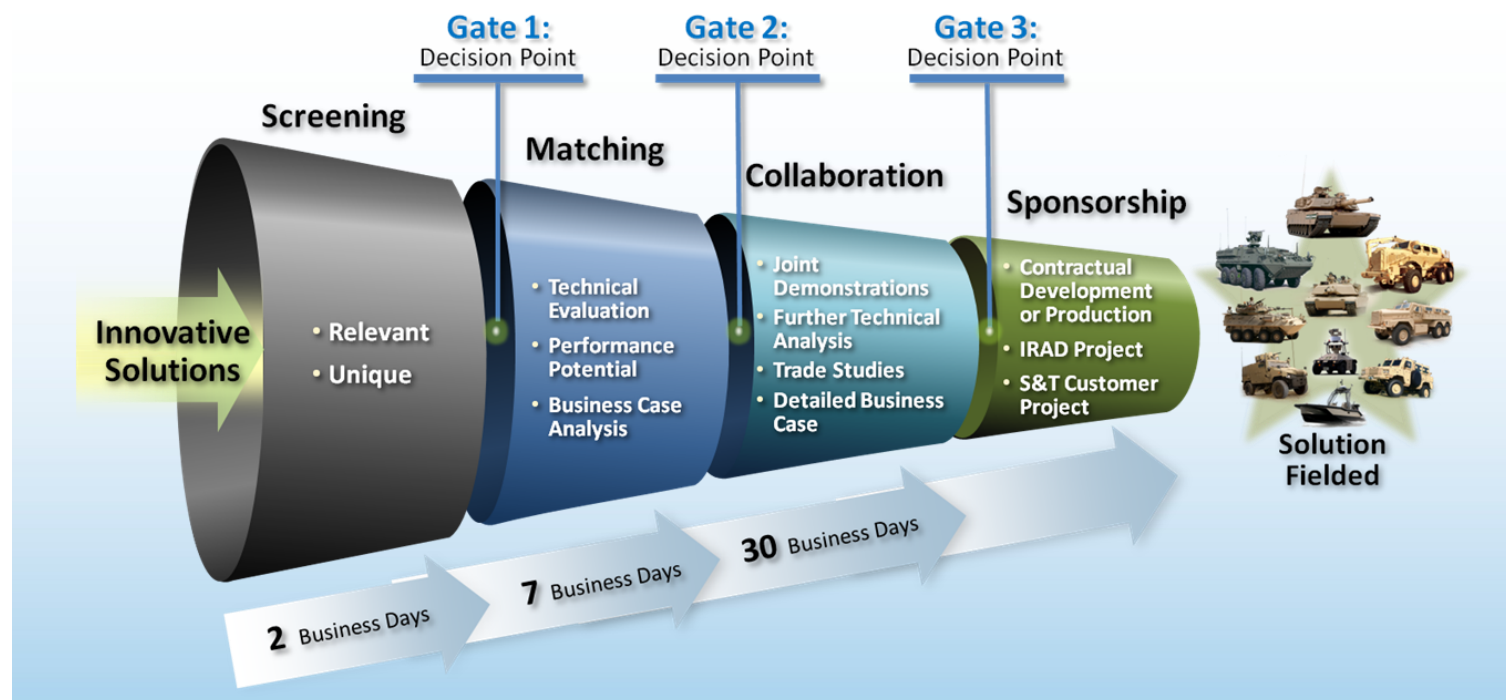
Need Help? Email: mc2help@gdls.com

NEED STATEMENTS

Need Statements reflect new requirements or enhancements to GD Land Systems platforms, future systems, customer inputs, or research areas of interest. They can originate from various sources, internally and externally. Once gathered they are refined and communicated to mc² members via the Virtual Community and categorized by Technology Thrust Areas.



INNOVATIVE SOLUTION PROCESS



STATE-OF-THE-ART FACILITY

Main Lobby



Battle Lab



Warfighter Integration Lab (WIL)



Enterprise Collaboration Room



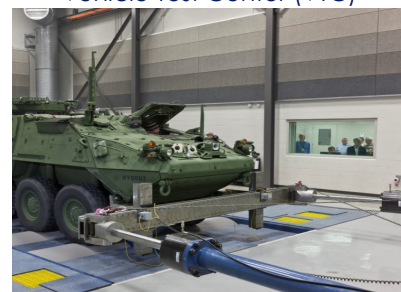
Vehicle Center



Innovators Lab



Dynamometer Lab, Vehicle Test Center (VTC)



START COLLABORATING TODAY

Collaboration begins in the Virtual Community. To start collaborating follow these instructions:

1. Access <https://collaboration.gdls-mc2.com>
2. Select Register on the right hand side, and fill out the fields.
3. A Username will be emailed within 1 business day.
4. Upon receipt of the email, login and complete your profile.
5. Review the Need Statements and Submit an Innovative Solution. Contact mc2help@gdls.com for assistance.



mc² MEMBERSHIP

The Maneuver Collaboration Center (mc²) opened in October 2010 with a state-of-the-art collaborative innovation facility and a Virtual Community. mc² allows General Dynamics Land Systems to join forces with military personnel, suppliers (small & large), academia and government officials to develop innovative combat solutions.

Our Virtual Community is free to join and registration is based on each individual user (not by company or organization). Once in the community, you can view posted Need Statements categorized by Technology Thrust Areas and submit Innovative Solutions. If you need assistance during registration, e-mail mc2help@gdls.com.

The key is to submit an **INNOVATIVE SOLUTION**.

STRENGTH ON YOUR SIDE

Protecting those who guard our freedom: that is the mission of General Dynamics Land Systems. It is only by working together that we can continue to keep Warfighters on the path to victory and out of harm's way. With the collaboration and innovation of mc² we are forging the future, a powerful equation for success.



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