

# Rapid Defense Experimentation Reserve (RDER)

## Overview

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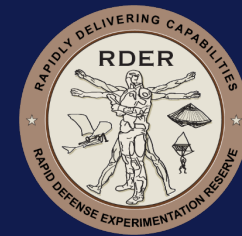
Prototypes & Experiments  
Office of the Under Secretary of Defense for  
Research & Engineering

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# What is RDER?



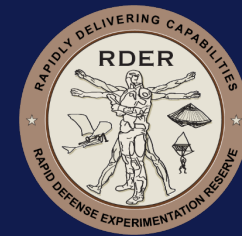
Pronounced “Raider,” it’s an initiative that will facilitate more rapid modernization by focusing prototyping and experimentation efforts on multi-Component missions.

*“RDER will drive efforts to compete with peer and near-peer adversaries through the development of capabilities that support the Joint Warfighting Concept (JWC) including, but not limited to, fires, command and control, logistics, and capabilities that will drive information advantage.” – Deputy Secretary of Defense Dr. Kathleen Hicks*





# How does RDER work?



The Secretary of Defense has created a budget reserve for allocation in the FY 2023 President's Budget request to expand multi-Component experimentation in a structured, multi-year campaign of learning.

The Secretary selects among proposed experiments based on alignment to Joint missions and potential to yield demonstrable warfighting utility.

Demonstrations and experiments will be conducted at key exercise venues.

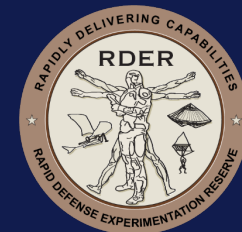
Successful demonstrations and experiments will be quickly transitioned to the Components for fielding as new systems or approaches.

Lifecycle costs will be considered for any RDER initiative that has the potential to result in a new capability.





# What will RDER do for the DOD?



RDER will bring three benefits to the DOD:

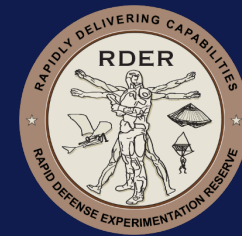
- It will enable the Department to bring new capabilities to the Joint Force, transitioning systems and approaches more quickly.
- It will better align current experimentation efforts to the Joint Warfighting Concept (JWC).
- It will leverage end-to-end mission analysis and experimentation to capitalize quickly on innovative ideas.



**RDER results inform the JWC, Joint Requirements, and the Department's Senior Leaders to enable rapid modernization**



# How to participate in RDER



RDER's initial projects in Fiscal Year 2023 (FY23) are already selected and under coordination for funding.

RDER will soon issue a call for proposals for FY24 projects from the Military Services, Combatant Commands, other DOD and U.S. Government entities, Coalition partners, academia, and industry. RDER will screen these proposals and select those most highly aligned for multi-Component experimentation for DOD senior leader approval.

For more information:

- Visit the RDER website (requires a CAC):  
<https://www.dodtechipedia.mil/dodwiki/x/oQYzLg>
- Send an email to the RDER Program Office group account:  
[osd.pentagon.ousd-r-e.mbx.joint-experimentation-proposal-submiss@mail.mil](mailto:osd.pentagon.ousd-r-e.mbx.joint-experimentation-proposal-submiss@mail.mil)