The Operations Analysis Directorate is the focal point of Marine Corps operations research, rigorous quantitative analytic support, and studies management. We provide critical support to the Marine Corps by blending a comprehensive understanding of military operations with advanced analytic tools.
Acquisitions Decision Analysis

“What are the requirements? How many do we need, and how many can we afford? What affect does it have on battle outcome?” These are just a few of the combat development and acquisition questions we can help answer through rigorous, quantitative techniques.

OAD leads many important Analyses of Alternatives, and our products often feed the acquisitions decision-making process.

Optimization & Statistical Analysis

Through statistics and data mining, we can help separate the signal from the noise. Using powerful optimization methods, we can make your organization more effective and efficient—we can help you do more with less.

Current Operations Support

Since 2003, OAD has deployed Marine and civilian analysts to support operations in Iraq, Afghanistan, and Africa. Our analysts provide responsive and relevant analyses and assessments on kinetic activity, casualties, targeting, logistics, host nation effectiveness, manning levels, and other mission-related topics.

Our analysts provide detailed trend and geospatial analysis to the warfighter.

Analytic Modeling & Simulation

OAD is the home of analytic modeling & simulation (M&S) in the Marine Corps. We use a variety of high-end M&S tools including COMBAT XXI, STORM, Systems Toolkit (STK), OPNET, and STOMM-V/S to provide timely analysis to decision-makers.

The Synthetic Theater Operations Research Model (STORM) is a cutting-edge 3D analytic environment, used in numerous unmanned aerial system (UAS) and communications studies.

OAD analysis using M&S identified the heavy-lift requirement that will be satisfied by the new CH-53K.

Strategic Analysis

OAD engages in joint and external analyses to represent and protect the equities of the Marine Corps, coordinating with the joint community to inform strategic decision-making.

We assist in the development of joint scenarios.