



CONNECTING THE WARFIGHTERS

Joint Net-Centric Operations (JNO)
“Enable DECISIVE Full Spectrum Military Effects”



Joint Net-Centric Operations (JNO) addresses the following military problem: *The Joint Force and mission partners must have **rapid access to relevant, accurate, and timely information**, and also the **ability to create and share the knowledge** required to make superior decisions in an assured environment amid unprecedented quantities of operational data.*

JNO is the core concept that guides the transformation of the U.S. military. In the Information Age, efficiency and awareness is increasingly derived from information sharing, information access, and speed, all of which are facilitated by organizations networked together in some fashion to allow communications via web pages, e-mail, file sharing, chat, Voice-over Internet Protocol, and similar services. JNO will provide an *integrated global network enabling the ability to share the right information at the right time so the **WARFIGHTERS** can act before the enemy acts.* But JNO involves more than just employing new technologies - it also involves a *transformation in how information is managed.*

In the past, information would be sent in a sequential flow to only the organizations/people determined to be in need of it by the supplier. JNO seeks to build an environment which places the consumer of information in control. Suppliers post information in a parallel manner to websites or to multiple users where the information can be accessed by many consumers, who take on ownership for processing and using information in a manner tailored to their individual needs. Hence, **JNO is a new way of thinking** about how public and private entities operate and organize, both internally and among all levels of government and the private sector.

Successful implementation of JNO concepts, while relying on integration of technological enablers, is equally dependant on shifts in **information sharing policy, organizational innovation, and business/agency cultural acceptance** of new ways to exchange information. Indeed, the development of web based concept for information sharing depends on all of these -- ultimately a shift from system-agency-centric to net-work centric thinking, touching the entire scope of an organization's enterprise architecture. JNO links a multitude of people, sensors, operating centers, and decision aids. These sources of information produce relevant, up-to-the second, accurate, and credible information to allow informed decisions in routine, planned, or crisis events. The result – faster decision making, increased collaboration, and better decisions based on access to more information.

By providing the Joint Force and mission partners with the technical connectivity and interoperability necessary to rapidly and dynamically share knowledge among decision-makers and others—while protecting information from those who should not have it — **JNO will facilitate the coherent application of joint action.** Indeed, JNO has the potential to **revolutionize joint operations** by **optimizing** and even **transforming** how information and knowledge are generated, presented, and used throughout the Joint Force and mission partners.

“Delivery of Joint Net-Centric Capabilities to the warfighters is our priority and should serve as a means of contributing to the Chairman's priorities of accelerating transformation and strengthening joint warfighting,”
Nancy Brown, Vice Admiral, United States Navy, Director of C4 Systems, The Joint Staff