

## W2COG

The W2COG Institute is a collaborative community of experts that has been established to enable agility via netcentricity, OTD, SOA, etc. in federal agencies and DoD, as well as commercial firms, by removing the traditional barriers to sharing capabilities. While SOA and the netcentric model represent the IT paradigm selected by DoD, much of the federal government, and industry, there is a gap between the potential and the reality at the implementation level. W2COG provides the mechanism for understanding and addressing the issues that face organizations seeking enhanced agility. W2COG brings together experts from government, industry and academic to bridge this gap through engineering, demonstration projects and certifying foundational elements of the service based model. While any of the challenges above are within scope, W2COG currently focuses on the infrastructure, information assurance and acquisition processes needed to support service oriented solutions.

In particular, W2COG focuses on engineering, assurance and procurement activities to enable the SOA/netcentric vision. For example, as described below, W2COG offers Testing as a Service through GIGLite - a laboratory for streamlined testing and certification of service and supporting technologies. In addition, W2COG undertakes demonstration projects to support net centricity, such as the Trusted Enterprise Service Buss (T-ESB) project to engineer a secure, open-source platform for service-based message exchange.

