

Enterprise Architecture

Our Enterprise Architecture (EA) practice aligns technology activities and assets with business priorities by documenting existing relationships between people, processes, data, and systems. Technica EA engineers work with agency stakeholders to define the desired technology state, develop a transformation roadmap, and execute change to IT systems. We combine expertise in EA frameworks and methodologies with deep knowledge of federal business processes, data architecture, and systems development.



OUR ENTERPRISE ARCHITECTURE SERVICES:

- Managed Network Services
- Systems Engineering
- Enterprise Application Integration
- Internet Protocol (IP) Networking
- Data Architecture
- Systems Development

Technica EA engineers have institutional experience in implementing and managing IT transformation via the Department of Defense Architecture Framework (DoDAF) specific to the U.S. Armed Forces. The DoDAF conceptual framework supports EA designers in defining the basic structure (data descriptions, architectural rules and baselines) of IT environments that are orderly and produce predictable results. Because DoDAF produces predictable results based on consistent IT environments, the information outputs of a DoDAF-conforming EA are readily accessible and consumable across military branch, mission, component, and program boundaries. Our EA work on DoDAF supports information sharing throughout DoD, with the Information Community (IC), and with our NATO allies.

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Through our Business Process Reengineering (BPR) practice and use of EA modeling tools like IBM Rational Rose, Technica engineers help customers to align EA against federal reference models and ensure they are “fit for purpose” as defined by DoDAF. Technica supports the development of system tools and templates that allow data to be input and displayed in predictable “views.”

This consistent format for data presentation allows DoD to share information in ways that are agile and universal. In addition to consistent information sharing, DoDAF supports key IT decision support processes within DoD including the

Joint Capability Integration and Development System (JCIDS), the Defense Acquisition System, Planning, Programming, Budgeting, and Execution (PPBE), Net-centric Integration, and Portfolio Management.

All DoD IT capabilities are required to develop and maintain an EA in conformance with DoDAF, and our EA practice ensures our customers meet this requirement. DoDAF also supports compliance with a number of federal laws and policy guidance (including the Clinger-Cohen Act, the E-Government Act of 2002, and OMB Circular A-130).

What Sets Technica Apart

An intimate understanding of existing architecture is critical in order to perform EA realignment that truly supports agency needs and goals. We have long-term experience with DoD, designing, developing, and supporting mission-critical information delivery networks and structures—including the Global Information Grid (GIG) and the Defense Information Systems Network (DISN)—that provide communications links for the U.S. warfighter and with NATO Forces and the IC. Our BPR practice encompasses ITIL and CMMI as well as DoDAF, providing our engineers with the tools and understanding to:

- **Analyze** the current technology state (modeling existing data flows and evaluating operating characteristics)
- **Define** the desired technology state (what elements will comprise the DoDAF-compliant environment required by the customer)
- **Develop** a transformation roadmap (developing data representation models and preparing systems for DoDAF)
- **Execute** change to IT systems (implementing and deploying the DoDAF-compliant environment)

We provide our customers with the environments necessary to create, store and share mission-critical information quickly and efficiently between warfighters and those supporting them.



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About Us

Technica provides professional services, products, and innovative technology solutions to the Federal Government. We specialize in network operations and infrastructure; cyber defense and security; government application integration; systems engineering and training; and product research, deployment planning, and support.

Company Information

- IT Solutions Since 1991
- CMMI Level 2, DEV and SVC v1.3
- Certified PMP Resources
- Certified ITIL v3 Expertise