



Defense and Security

With 20 years of enterprise architecture modeling and process optimization expertise, the MEGA solution for Defense and Security enables the description of large, potentially complex system architectures based on the most recent versions of recognized architecture frameworks.

The Challenge

In large system engineering projects, such as defense or security contracts, and very large public/private projects, multiple contractors must collaboratively build specialized components to be integrated into a system of systems. With such a complex system architecture,

- How can the contributions of multiple independent contractors be aligned into a system, or a system of systems?
- How can the impacts of change in the architecture be assessed?
- How can compliance with required standards, in a collaborative project environment, be ensured?

The MEGA Defense and Security Solution

The MEGA Defense and Security software solution helps organizations collaboratively describe and manage large system architectures in accordance with internationally recognized standards such as DoDAF, MODAF, and NAF. MEGA offers out-of-the-box support of DoDAF 1.5 and NAF 3.1.

This solution offers a flexible software technology, a common repository, a comprehensive information model for impact analysis, and a powerful collaborative environment. MEGA's expertise and proven tools for EA modeling are well-suited to the complex architecture needs.

Our software solution is reinforced by process expertise from MEGA's international team of consultants. MEGA consultants provide a prioritized understanding of risks and their impact on business. They help manage the changes linked to an organization's performance improvement project.

BENEFITS

Optimize processes and improve the use and deployment of resources

by architecting very large and complex systems using a standard architecture framework on a reliable platform.

Ensure coherence within a system, and between systems, in a multi-contractor distributed project environment, with a collaborative, repository-based tool.

Provide decision-making support with advanced scenario analysis and impact analysis across the architecture.

Related Software Tools

As a recognized Enterprise Architecture leader for the past 2 decades, MEGA integrates all Enterprise Architecture practices into a common software platform, providing the dedicated tools to meet with each stakeholder's objectives.

→ Three main products are used to support the leading Defense and Security architecture frameworks:

MEGA Suite for DoDAF

- BPMN compliance
- Support for DoDAF 1.5
- Creation and manipulation of the DoDAF views
- Automatic generation of reports
- Planning features to support scenario analysis and decision-making
- Information flow management
- Requirements management (option)

MEGA Requirement Tracker

- Requirement Mapping
- Requirement tracking
- IBM® DOORS® Interface

MEGA Suite for NAF

- BPMN compliance
- Support for NAF 3.1
- Creation and manipulation of the NAF views
- Automatic generation of reports
- Information and communications technology modeling

Implementing a pragmatic approach to support your project

The MEGA consulting EA practice

Expert business consultants ensure the appropriate management of your EA programs at the right pace to fit your business objectives:

- Implementing the tools, methods and frameworks as required from the start.
- Simplifying roles and responsibilities, defining simple collaboration processes and structuring the team according to deliverables, models and pace.
- Defining ground rules around the EA practice and providing basic information about EA in the company, such as objectives, the operating model and rules for engaging a project.



Insight. Collaboration. Value.

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