

tlmNEXUS is a professional services company that provides bespoke web-based software solutions that help our clients improve productivity and service delivery.

A listed supplier on MOD FATS/3 (Framework Agreement for Technical Support) and an ISO 9001:2000 company, tlmNEXUS works closely with our clients to devise a solution that really works for them, taking time to understand the unique challenges they face on a day-to-day basis, and developing a system that embraces and enhances their culture and best practice, yet improves access to information and knowledge share.

Our internal team consists of dedicated software developers, project managers and business analysts, many of whom are Microsoft and Prince2 certified and possess Masters degrees in a variety of subjects including Information Systems. They thrive on innovative problem solving, excellence, and harnessing new technologies to get the best for our customers.

## ENTERPRISE ARCHITECTURE

In today's times of austerity and transformation, organisations need more from their enterprises than ever before. However, disconnected systems often mean teams working in multiple locations struggle to communicate and share information, and stakeholders find it difficult to locate 'one single view' of their key products. Is there a way people can link systems and information to provide visibility?

### ***This is Enterprise Solution Architecture (ESA)***

The answer is yes. Enterprise Architecture (EA) is a detailed description of the elements in the enterprise, including actors, processes, components, computer systems, and their relationships to one another. These applications are often engineered in a structured yet loosely coupled fashion to allow for adaptability. Here, solution architects can gain an understanding of your requirements and select appropriate technology that will optimise the process and integrate with the rest of the enterprise. This is service orientated architecture (SOA) – where design principles such as layering and modularity help create scalability and robustness.

At tlmNEXUS, our architectural team's knowledge of Defence and its key technologies allows us to provide strong solutions that are aligned to your business, solutions that can be readily maintained and are modular, extensible and inter-operable. This combination creates an architectural solution that allows applications to integrate across the enterprise and grow more easily.

Our EA team is currently developing applications that provide clients with improved connectivity and visibility. Recent projects include providing the MOD with a NATO data link through IBM middleware through to its partner BAE Systems, via messaging technology.

Designs that employ Enterprise/Solution Architecture mean:

- Increased visibility leading to improved communication & collaboration
- Better information leading to enhanced decision-making and performance
- Lower costs of managing data
- Better performance and value for money
- Increased scalability
- Enhanced robustness
- Integrative capability via SOA allowing others to easily share your data and vice versa
- Aligned growth to your business
- Domain-centred design (DDD)

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