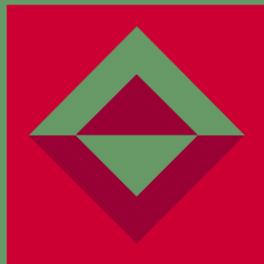


TECHNOLOGY ARCHITECTURE

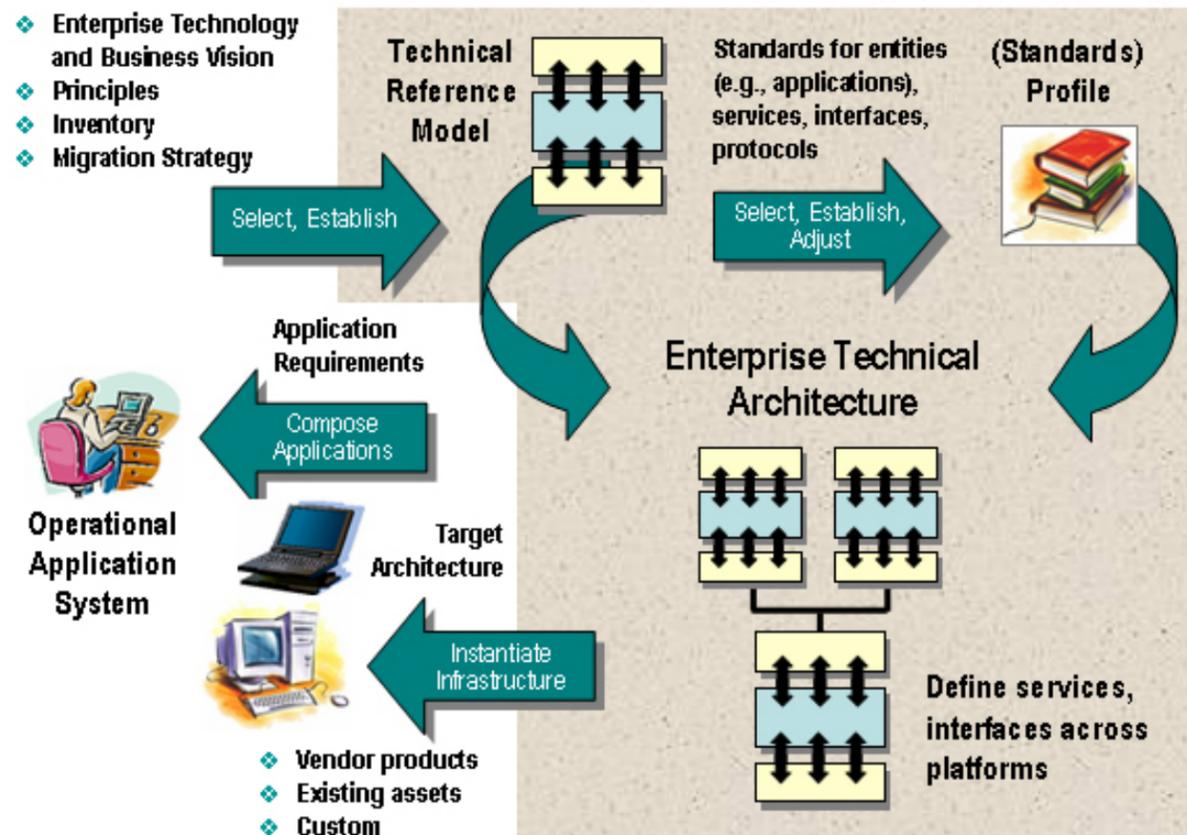
Technology Solution Architectures / Sub-Component of the Architectural Review Board



TECHNOLOGY MANAGEMENT

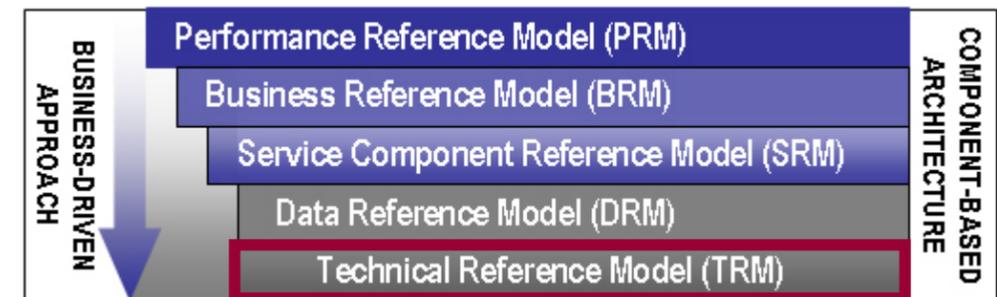
Technology Management strives to guide the Technical Enterprise Architecture to open standards, interfaces, and platforms through the **Architectural Review Board (ARB)**, **Technical Advisory Groups (TAGs)**, and align with the **Technical Reference Model (TRM)**. By including our business partners as voting members, the ARB seeks to focus both business and technologies on the true functional needs of the BLM.

By providing a standards-based approach to align business functions or patterns to the TRM, common environments, data repositories and reuse opportunities are created. Ultimately, this reduces cost and speeds delivery of applications through component and platform reuse.



ROLE OF THE TRM WITHIN THE FEDERAL ENTERPRISE ARCHITECTURE (FEA) FRAMEWORK

The FEA is constructed as a collection of interrelated "reference models" designed to facilitate cross-agency analysis and the identification of duplicative investments, gaps and opportunities for collaboration within and across Federal Agencies.



The BEA Technology Team manages the TRM as an integral part of the overall Technology Infrastructure

TECHNICAL REFERENCE MODEL (TRM)

- ❖ Describes Information Technology (IT) principles and best practices
- ❖ Defines technology standards to ensure cost effective acquisitions

The TRM provides a foundation to describe the standards, specifications, and technologies to support the construction, delivery, and exchange of business and application components (Service Components) that may be used and leveraged in a Component-Based or Service-Oriented Architecture.

The TRM is a component-driven, technical framework used to identify the standards, specifications, and technologies that support and enable the delivery of service components

ARCHITECTURAL REVIEW BOARD (ARB)

- ❖ Facilitates evolution of the Infrastructure Enterprise Architecture (IEA)
- ❖ Identifies updates to the TRM
- ❖ Helps identify business functional requirements through its voting membership
- ❖ Helps define the Enterprise Architecture Infrastructure
- ❖ Acts as technical advisor to the Information Technology Investment Board (ITIB)

TECHNICAL ADVISORY GROUP (TAG)

- ❖ Established by the ARB
- ❖ Addresses specific technical issues
- ❖ Facilitates updates to the TRM
- ❖ Researches emerging technologies



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ARB Brochure / Technology Focus

Revision History

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Final	5/17/2007	H.Karlson	QA for delivery	tech_info_070517.pub