

# Enterprise Technical Architecture Domain Definitions

This document provides the current enterprise technical architecture domain definitions.

Revised 07-20-2006

Present State	Technical Domain	Domain Definition (as of 07-20-06)
Domain Report, Version 1.0, July 10, 2006	Application	The Application Domain provides agencies with a foundation of development and support platforms, tools, processes, practices and requirements that can be used to implement business processes and meet the Commonwealth's ever changing business needs.
Domain Report, Version 1.0, July 10, 2006	Database	The Database Domain defines the principles, standards, requirements, and recommended practices that address technical topics and components of the software systems that support storage and retrieval of data, and the types of database software that will support applications.
Domain Report, Version 1.0, July 10, 2006	Information	The Information Domain describes the logical structure of databases and the methodology used to correlate data in multiple databases. It also provides a framework for defining responsibility for data integrity and distribution.
Domain Report, Version 2.0, July 10, 2006	Integration	The Integration Domain defines the functions that enable communications in a distributed system and the tools that improve the overall usability of an existing architecture made up of products from many different vendors on multiple platforms. Integration software is software that allows organizations to share data between disparate systems that do not communicate easily.
Domain Report, Version 2.0, July 10, 2006	Network and Telecommunications	The Network and Telecommunications Domain defines a communications infrastructure model for the Commonwealth. It defines the various technologies required to enable connections among governmental units and their citizen and business sector constituents.
Domain Report, Version 2.0, July 10, 2006	Platform	The Platform Domain defines the personal and business computing hardware systems to be used by agencies. The platforms may include servers (e.g., high-end servers and midrange to small servers), storage systems, personal computing devices (desktops, notebooks, and hand-held computing devices), and other hardware (e.g., printers). The Platform Domain also addresses operating systems, configurations, network and device-to-device interfaces, and selected peripherals (e.g., floppy drives).

ITRM Policy, Standards, and Guideline	Security	The Security Domain defines the set of components required for a comprehensive Commonwealth security program. It also defines for each component the technologies, standards, practices and policies, which are needed to protect information assets and ensure authorized access. In this manner, the Security Architecture supports and promotes the consistent and effective development and implementation of Security programs by the State's Agencies and across the enterprise.
Domain Report: July 10, 2006	Enterprise Systems Management	The Enterprise Systems Management Domain defines how the hardware and software components of the infrastructure will be administered, monitored and controlled. Enterprise systems management includes the automation and control of platforms and associated resources, networks and applications and the coordination and control of work flowing through the infrastructure systems. It focuses on issues of configuration management, event and state management, fault detection and isolation, performance measurement, and problem reporting.