



Discipline

DEFINITION

<i>Name</i>	Platform
<i>Description</i>	Defines the roles, standards, and decision-making criteria for the acquisition and deployment of computing hardware, data storage hardware, operating software, systems and utilities. The Platform discipline provides for the inclusion of industry standard platforms in use. This discipline will also provide for cost containment through deployment strategies and maintenance strategies.
<i>Rationale</i>	This discipline is an essential element in the standardization of computer hardware and software. These standards were developed for the State of Missouri to provide economies of scale through purchasing agreements. These standard implementations also increase employee efficiency through common interfaces and better interoperability.
<i>Benefits</i>	<ul style="list-style-type: none"> • Enables a seamless data interchange capability • Enables interoperability across the enterprise • Provides cost efficiencies by enhancing purchasing power • Lessens the complexity of systems management and administration, by providing selection criteria for the acquisition and usage of related technologies and services. • Enables standardized training and resource sharing.

BOUNDARY

<i>Boundary Limit Statement</i>	<p>The Platform discipline defines hardware and software standards and utilities, including the following:</p> <ul style="list-style-type: none"> • Computer Hardware (Servers, Desktops, and Laptops) • Computer Software (Operating Systems or Network Operating Systems) • Data Storage (e.g., SANs, NAS, Tape, Disks, and Optical) • Input/Output Devices (e.g., Printers, monitors, scanners, Facsimiles, Copiers, and etc.) • Platform Tools and Utilities (e.g., Installation Utilities, Health Monitors, Disc Defrag, Performance Monitors, Terminal Emulators and et. al.) • Cost Containment and Fiscal Responsibility (e.g., Deployment and Maintenance Strategies.) • Lifecycle Management <p>This discipline does not include elements of the Network Discipline, but these standards are needed for best implementation practices.</p> <p>This discipline does not include responsibility for data or application level considerations.</p>
---------------------------------	--

ASSOCIATED ARCHITECTURE LEVEL

<i>Specify the Domain Name</i>	Infrastructure
--------------------------------	----------------

CRITICAL REFERENCES

Related Domains/Disciplines

<input type="checkbox"/> Interface – Branding	<input checked="" type="checkbox"/> Integration – Functional Integration	<input checked="" type="checkbox"/> Systems Mgt – Business Continuity
<input checked="" type="checkbox"/> Interface – Access	<input type="checkbox"/> Integration – Middleware	<input checked="" type="checkbox"/> Security – Managerial Controls
<input checked="" type="checkbox"/> Interface – Accessibility	<input checked="" type="checkbox"/> Application – Application Engineering	<input checked="" type="checkbox"/> Security – Technical Controls
<input type="checkbox"/> Information – Knowledge Mgt	<input type="checkbox"/> Application – Electronic Collaboration	<input checked="" type="checkbox"/> Security – Operational Controls
<input type="checkbox"/> Information – Data Mgt	<input checked="" type="checkbox"/> Systems Mgt – Asset Mgt	<input type="checkbox"/> Privacy – Profiling
<input type="checkbox"/> Information – GIT	<input checked="" type="checkbox"/> Systems Mgt – Change Mgt	<input type="checkbox"/> Privacy – Personification
<input checked="" type="checkbox"/> Infrastructure – Network	<input checked="" type="checkbox"/> Systems Mgt – Console/Event Mgt	<input type="checkbox"/> Privacy – Privacy
<input checked="" type="checkbox"/> Infrastructure – Platform	<input checked="" type="checkbox"/> Systems Mgt – Help Desk/Problem Mgt	

Standards Organizations/Government Bodies

<i>List Standards Organizations</i>	Internet Engineering Task Force (IETF), International Telecommunications Union (ITU), Institute of Electronics and Electrical Engineers (IEEE), American National Standards Institute (ANSI), Telecommunications Industry Association (TIA), Electronic Industries Alliance (EIA), Internet Assigned Numbers Authority (IANA), International Standards Organization (ISO), Underwriters Laboratory (UL)
<i>List Government Bodies</i>	National Institute of Standards and Technology (NIST), Federal Communications Commissions (FCC), Public Service Commission (PSC), OIT Office, ITAB

Stakeholders/Roles

<i>List Stakeholders</i>	All State Agencies, Departments, and Commissions within the three governmental branches.
<i>List Roles</i>	

Discipline-specific Technology Trends

<i>List Discipline-specific Technology Trends</i>	<ul style="list-style-type: none"> • Free/Open Source Software (F/OSS) <ul style="list-style-type: none"> http://www.egovos.org/Resources http://europa.eu.int/information_society/activities/opensource/cases/text_en.htm http://opensource.mit.edu/online_papers.php • Open Standards <ul style="list-style-type: none"> http://perens.com/OpenStandards/Definition.html • Grid Computing <ul style="list-style-type: none"> http://public.eu-egee.org http://www.gridcomputing.com/ http://www-1.ibm.com/grid/ http://www.nature.com/nature/webmatters/grid/grid.html • Storage -- <ul style="list-style-type: none"> SAN NAS Solid State Storage (e.g. Flash) • Server Density -- <ul style="list-style-type: none"> Blades <ul style="list-style-type: none"> http://www.serverworldmagazine.com/webpapers/2002/04_idchp.shtml
---	---

	http://itresearch.forbes.com/data/rlist?t=1016747970_87768843 <ul style="list-style-type: none"> Patents http://www.bitlaw.com/software-patent/history.html		
<i>Technology Trend Source</i>			
ASSOCIATED COMPLIANCE COMPONENTS			
<i>List Discipline-level Compliance Components</i>			
METHODOLOGIES			
<i>List methodologies followed</i>	N/A		
DISCIPLINE DOCUMENTATION REQUIREMENTS			
<i>Provide documentation requirements for this Discipline</i>	Documentation includes both Product and Compliance Components.		
ASSOCIATED TECHNOLOGY AREAS			
<i>List the Technology Areas associated with this Discipline</i>	<ul style="list-style-type: none"> Hardware Software Storage I/O Devices Platform Tools, Utilities & Subsystems Lifecycle Management 		
CURRENT STATUS			
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>		
AUDIT TRAIL			
<i>Creation Date</i>	3-4-2004	<i>Date Approved/Rejected</i>	4/13/04
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			