

# Cohesion 3.0

## Alignment with COBIT Areas/COSO Components (Sarbanes-Oxley §404 Compliance)

COBIT Area	COSO Component						Cohesion Feature Support
	Control Environment	Risk Assessment	Control Activities	Information and Communication	Monitoring		
<b>Plan and Organize (IT Environment)</b>							
IT strategic planning	•	•		•	•		Automatic emailing of service-based reports on inventory, policy violations, and <u>state changes to all who request it.</u>
Information architecture		•	•				Complete inventory capture of application infrastructure. Ability to categorize <u>configuration items. Secure access based on roles defined.</u>
Determine technological direction							Not applicable.
IT organization and relationships			•				Discovery and inventory of applications, components and their assigned owners. Flexible role-based access. Policy violations trigger emails or SNMP traps. Reports of <u>all user Change Job activities.</u>
Manage the IT investment							Business attributes provide alignment of application inventory with specific <u>business owners and services.</u>
Communication of management aims and direction			•		•		Policies defined in Cohesion can be automatically applied to like components and <u>applications.</u>
Management of human resources			•				Change Jobs can be scheduled to run automatically.
Compliance with external requirements			•		•		Policies can be customized to support new requirements as needed. Rules can be <u>applied to all components.</u>
Assessment of risks	•						Snapshot capability allows creation of staging states to support impact analysis of changes. Continual historic record of change to identify critical trends. Identify <u>security policy violations across components.</u>
Manage projects							Snapshots provide historic record of application state to facilitate transitions <u>during project lifecycle.</u>
Management of quality		•		•	•		Built-in knowledgebase provides area for context-sensitive notes to document changes. Automatic audits provides reports on changes detected and violations, as well as <u>critical and non-critical ones.</u>
<b>Acquire and Implement (Program Development and Program Change)</b>							
Identify automated solutions							Automated change detection and policy-based corrective change functions for <u>heterogeneous application environments.</u>
Acquire or develop application software		•					Not applicable.
Acquire technology infrastructure		•					Not applicable.
Develop and maintain policies and procedures		•		•			Customizable rules allow flexible design of configuration policies and best practices. Companies can also define enforcement rules to automate corrective <u>measures.</u>
Install and test application software and technology infrastructure		•					Comparisons between development, testing and production stage applications to <u>ensure consistent configurations and inventory.</u>
Manage changes		•			•		Changes are detected between hosts and histories. Configuration changes can be made <u>immediately or scheduled as part of a job.</u>
<b>Deliver and Support (Computer Operations and Access to Programs and Data)</b>							
Define and manage service levels		•			•		Gold standard application states ensure optimum configurations to achieve <u>prescribed service levels.</u>
Manage third-party services	•	•			•		Actively manage third-party services remotely with Cohesion.
Manage performance and capacity		•			•		Receive accurate capacity information routinely or on-demand. Define and enforce rules to support performance and capacity policies. Regulate capacity maintenance by scheduling automatic custom and vendor-specific scripts and diagnostics.
Ensure continuous service							Aid in planning of business continuity and disaster recovery by saving snapshots of <u>application states.</u>
Ensure systems security		•	•		•		Rules for every file, parameter, or setting that affect application security can be <u>created and automatically enforced.</u>
Identify and allocate costs							Not applicable.
Educate and train users			•				Built-in knowledgebase and links to vendor documentation provides context- <u>sensitive information on every configuration item.</u>
Assist and advise customers							Not applicable.
Manage the configuration		•	•				Detects changes and takes corrective action to all application state inventory. <u>Records historic application states.</u>

Manage problems and incidents		•	•		•	Fix problems on the spot by correcting configuration. Prevent future incidents by establishing rules against specific configuration items, automatically employing rules across nodes, and being alerted if the condition re-occurs.
Manage data		•	•			Define and enforce rules for configuration parameters that affect retention periods, distribution, and access.
Manage facilities	•					Business attributes provide location of application inventory with specific business owners and services. Track changes made to database tables.
Manage operations				•	•	Provides active and historical operations framework for application management activities.
<b>Monitor and Evaluate (IT Environment)</b>						
Monitoring				•	•	Automatically distribute Change Detection reports of IT change activities.
Adequacy of internal controls					•	Rule Compliance reports provide success/failure measurements of policies.
Independent assurance	•				•	Not applicable.
Internal audit					•	Ability to audit general and application IT controls and within the application lifecycle.

COBIT (Control Objectives for Information and related Technologies) alignment with COSO (Committee of the Sponsoring Organizations of the Treadway Commission) *Internal Control-Integrated Framework* is based on *IT Control Objectives for Sarbanes-Oxley*, produced by the IT Governance Institute ([www.itgi.org](http://www.itgi.org))

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