



PRODUCT COMPONENT TEMPLATE

DEFINITION

<i>Name</i>	SMS (Microsoft's System Management Server)
<i>Description</i>	SMS provides a solution for change and configuration management for the Microsoft platform, enabling organizations to provide(push) relevant software and updates to users.
<i>Rationale</i>	Deploys a wide range of products to Window's platforms.
<i>Benefits</i>	<ul style="list-style-type: none"> • Application Deployment <ul style="list-style-type: none"> ○ Detailed deployment reports ○ For planned deployment it provides target group's current hardware base, existing applications, and version information, as well as the current service pack and hot-fix levels of the system ○ Software distribution and other management tasks can be specifically targeted to machines and users using a wide variety of properties including network and hardware configuration, Active Directory® organizational unit, and group membership and software installation status. ○ When changes are made to previously deployed software package sources, only the source changes are propagated between SMS 2003 site servers and distribution points, rather than the entire application image. ○ Supports the Windows Installer service (.msi), it is able to switch user account contexts during a package installation allowing for self-healing application installation on "locked-down" systems. ○ Applications can be easily published to the Add/Remove Programs interface to provide users with a consistent way of installing applications. • Asset management <ul style="list-style-type: none"> ○ Summary and detail reports can be generated specifying which applications were used by users, how long they were used, and on which managed systems they were used. Usage can be tracked by user or computer, and reports can be created comparing concurrent usage data to current license ownership (compliance reports). ○ Can configure SMS to get you all the asset discovery you need, and only what you need. ○ Windows Management Instrumentation (WMI) enhancements allow improved client-side performance during inventory scans and provide a set of inventory data, including BIOS and chassis enclosure data. ○ 120+ pre-built reports are included, covering hardware and software inventory as well as computer status and software deployment progress. • Security Patch Management <ul style="list-style-type: none"> ○ Standard Microsoft security tools like the Microsoft Baseline Security Inventory Analyzer and the Microsoft Office Inventory Tool for Updates enable you to inventory your systems for applicable patches and vulnerabilities. ○ A simple console wizard is provided to assist administrators in deploying required patches to managed devices. ○ After missing security patches have been identified, these individual scans are then posted to the central database for reporting and targeting purposes. ○ As missing patches are deployed the data may be optionally updated in real time • Mobility <ul style="list-style-type: none"> ○ Bandwidth-aware clients use the Background Intelligent Transfer Service (BITS) technology to automatically detect the capacity of the client network connection and adjust transfer rates efficiently. ○ Checkpoint/restart. Upon reconnection, any partial downloads to client computers will continue where they left off; there is no need to restart transmissions because of a disconnected session. Checkpoint/restart works at the byte level, requiring only the download of those bytes in a package that haven't already been transferred. ○ Mobile users receive software packages and updates from the nearest appropriate installation source, and are not required to install software across the enterprise wide area network (WAN). • Windows management Service integration <ul style="list-style-type: none"> ○ Can automatically discover the Active Directory properties of both users and systems, including organizational unit container and group level membership. Software packages can then be targeted based on these Active Directory attributes. ○ Site boundaries can be based on Active Directory site names, rather than on (IP) subnets. ○ Built-in computer and local system accounts can be used for all server functions (such as database access), dramatically simplifying the management of accounts and passwords within SMS and making the enterprise more secure by not creating extra high-rights accounts ○ Status tools provides real-time information about the current state of SMS processes, both on servers and clients.

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Application
<i>Specify the Discipline Name</i>	Development Tools
<i>Specify the name of the associated Technology Area</i>	Change Management

KEYWORDS

<i>List Keywords</i>	SMS
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VENDOR INFORMATION

<i>Vendor Name</i>	Microsoft	<i>Website</i>	www.microsoft.com
<i>Contact Information</i>			

POTENTIAL COMPLIANCE SOURCES

<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			

COMPONENT REVIEW

<i>List Desirable aspects</i>			
<i>List Undesirable aspects</i>			
<i>Operating System</i>	Windows	<i>Platform</i>	

ASSOCIATED COMPLIANCE COMPONENTS

Product

<i>List the Product-specific Compliance Component Names</i>	
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Configuration Links

<i>List the Configuration-specific Compliance Component Names</i>	
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COMPONENT CLASSIFICATION

<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>
<i>Sunset Date</i>	

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
<input type="checkbox"/> <i>Technology Watch</i>		
<input type="checkbox"/> <i>Variance</i>		
<input type="checkbox"/> <i>Conditional Use</i>		

RATIONALE FOR COMPONENT CLASSIFICATION

<i>Document the Rationale for Component Classification</i>	
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MIGRATION STRATEGY

<i>Document the Migration Strategy</i>	
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IMPACT POSITION STATEMENT

<i>Document the Position Statement on Impact</i>	
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AGENCIES

<i>List the Agencies Currently Utilizing this Product</i>	Department of Social Services
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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>
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AUDIT TRAIL

<i>Creation Date</i>	6-7-05	<i>Date Approved / Rejected</i>	8/9/05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			