

**SERVER CAL SUITES
COMPONENT PRODUCT SPECIFIC DETAIL**

| Product | Component of | Key Benefits | Enhancements from previous versions |
|----------------------------|----------------|--|--|
| Windows Server 2003 R2 CAL | Core CAL Suite | <ul style="list-style-type: none"> • Dependable- Windows Server 2003 is the fastest, most reliable, most secure Windows server operating system ever offered by Microsoft. • Productive- Windows Server 2003 provides the tools that simplify deployment, management, and administration and maximize productivity. • Connected- Windows Server 2003 provides an extensible application platform for quickly building solutions that keep employees, partners, systems, and customers connected. • Best Economics- When combined with products and services from the many Microsoft hardware, software, and channel partners, Windows Server 2003 provides the choices that help you get the greatest return on your infrastructure investments. | <p>Simplified Branch Office Server Management</p> <ul style="list-style-type: none"> • More centralized management for file and print functions • Reduced remote management • through local administration and backup • Better WAN efficiencies through faster data replication <p>Improved Identity and Access Management</p> <ul style="list-style-type: none"> • Greater user efficiency through extranet Single Sign-On and identity federation • Enhanced IT efficiency with centralized administration of extranet application access • Better security through automated "shut off" of extranet access • Better regulatory compliance by logging user access to partner applications in external security domains • Improved interoperability through synchronization with Unix Network Information Systems <p>Reduced Storage Management Costs</p> <ul style="list-style-type: none"> • Better storage utilization information through detailed storage reports • Better quota management with monitors and controls for disk space usage • Better file screening with limits on types of files allowed on servers • Simpler storage configuration tools for provisioning storage area networks (SANs) <p>Rich Web Platform</p> <ul style="list-style-type: none"> • Windows SharePoint Services delivers a cost-effective collaboration solution • ASP.NET enables fast development of rich, Dynamic Systems Initiative-ready Web Services and applications • IIS 6.0 delivers a more secure, high-performance Web server • x64 support enables better performance at lower cost <p>Cost-Effective Server Virtualization</p> <ul style="list-style-type: none"> • Better value in server virtualization with licensing policy changes that allow customers to run up to 4 virtual instances of Windows Server 2003 R2 Enterprise Edition on one licensed physical server or hardware partition <p>Seamless Interoperability with Unix</p> <ul style="list-style-type: none"> • Cross-platform management for UNIX administrators across UNIX and Windows systems using familiar tools and utilities • Integrate UNIX applications through a source- |

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| Exchange Server 2007 Standard CAL | | | <ul style="list-style-type: none"> • compatibility subsystem for compiling and running custom UNIX-based applications on Windows Server • Migrate UNIX applications by allowing most custom applications to be re-compiled and run natively on Windows |
| | Core CAL Suite | <ul style="list-style-type: none"> • Outlook Web Access: SharePoint portal access outside the firewall, better scheduling functionality, more efficient out-of-office communications • Mobility: Direct-push email, mobile security, policy and device-wipe functionality, broad device support • Anti-Spam: DMZ deployment, quarantine, edge rules, safe-sender aggregation • Organization-wide policy management: Easier and faster auditing, cross mailbox search, mail flow rules for enforcing encryption and rights management (leveraging Windows RMS), and routing policies. | <p>Enhancements from Exchange 2003</p> <ul style="list-style-type: none"> • Improved Anti-spam • Better Manageability • Enhanced mobile security <p>New Offerings</p> <ul style="list-style-type: none"> • External access to documents behind firewall • Org-wide policy management • Cross-org mailbox search • Mail flow rules • Server roles |
| Exchange Server 2007 Enterprise CAL | Enterprise CAL Suite | <ul style="list-style-type: none"> • Hosted, secure email filtering protects businesses' inbound and outbound email from spam, viruses, and phishing in a managed, hosted solution • Unified Messaging: Single inbox for voicemail, email, fax, and calendaring. • Policy Compliance: Use journaling to enforce per-user policies for messaging content, storage and retention. Enforce security policies around the ability to send messages or attachments to defined audiences. • On-premise anti-virus/anti-spam for Exchange. With the inclusion of Forefront Security for Exchange, this provides unique multi-engine anti-malware capability and a continuously updated, anti-spam solution, resulting in a robust solution for messaging security. Forefront Security for Exchange minimizes exposure without adversely impacting performance and provides content-based policy enforcement mechanisms | <p>New CAL → All New Offerings</p> |

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| Office SharePoint Server 2007 Standard CAL | Core CAL Suite | <ul style="list-style-type: none"> • Workflow- 5 out of box workflows, reporting for ECM • Document & Web Content Management- Policy, Management, Auditing, Records Management and Rights Management (leveraging Windows RMS) • Site Model, Security, and Management- Personalization, Deployment, Site Manager • Search- Extensible and customizable search of enterprise content and people | New Offerings <ul style="list-style-type: none"> • Blogs, wikis, social networking web parts • Portal Site Manager and Site Templates • Integration with Outlook and Office • People Search • Records Management, Business Document Workflow Support, Document Management Site Templates • Web Content Management |
| Office SharePoint Server 2007 Enterprise CAL | Enterprise CAL Suite | <ul style="list-style-type: none"> • Report Center: Broadly share business data through personal or shared dashboards that include Excel controls and key performance indicators. • BDC: Discover more information through the ability to index business data and access it through your portal. • Excel Svc: Secure, Manage and Control Spreadsheets • Excel Svc: Integrate Excel as a part of your business intelligence infrastructure • Forms Svc: Enable the storage and organization of rich, dynamic server-based forms to gather, share, reuse, and manage information. | New CAL → All New Offerings |

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| Systems Management Server (SMS) 2003 R2 Configuration Management License (CML) | Core CAL Suite | <ul style="list-style-type: none"> • Application Deployment- Deliver critical business productivity applications reliably and easily to users in the right place at the right time. • Asset Management- Reduce software costs and stay compliant by understanding the installed application base and their usage. • Security Patch Management- Improve security of the Windows® environment through increased vulnerability awareness and reliable targeted delivery of updates. • Mobility- Deliver enterprise management to the growing mobile workforce through industry standards independent of connection or location. • Windows Management Services Integration- Reduce operational costs by fully utilizing the management capabilities built into the Windows® platform. | <p>New in SMS 2003 R2</p> <ul style="list-style-type: none"> • Third Party and Custom Application Updating - Simplify keeping systems updated and secure through the ability to deploy third party and custom application updates. • Vulnerability Assessment - Increase system security by quickly scanning for almost 100 critical system vulnerabilities and configuration errors. |
| Microsoft Office Communications Server 2007 Standard CAL | Enterprise CAL Suite | <ul style="list-style-type: none"> • Scalable, secure, 1:1 and group Instant Messaging • Find and collaborate with others quickly and easily, with integrated personal availability • Move into contextual IM conversations from with Outlook, SharePoint | <ul style="list-style-type: none"> • Rich presence – ability to define different levels of presence information for different groups • Ability to send IMs to Exchange Distribution Lists • Add/pick-up subject line information for IMs |
| Microsoft Office Communications Server 2007 Enterprise CAL | Enterprise CAL Suite | <ul style="list-style-type: none"> • Reduces T&E costs while increasing the effectiveness of remote meetings through an easy-to-use solution • Allows users to easily schedule and conduct online meetings while ensuring that all remote participants can attend and participate successfully with participants both inside and outside of your organization. • Out of the box support for multiparty audio/video • Ad-hoc and scheduled meeting capabilities | <p>New CAL → All New Offerings</p> |

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| Microsoft Windows Rights Management Services | Enterprise CAL Suite | <ul style="list-style-type: none"> • Safeguard business confidential and sensitive information • Apply persistent protection that lives with the document or email • Flexible and customizable information protection platform • Low-overhead administration and ease of use for end users | Office 2007 <ul style="list-style-type: none"> • IRM capabilities are extended to InfoPath • IRM is enabled in Office 2007 Professional Plus and Office Enterprise MOSS 2007 <ul style="list-style-type: none"> • IRM-enabled document libraries • Protected content can be indexed and search as it is protected on download • IRM is enabled in Office SharePoint Server 2007 Standard and Enterprise CAL Exchange 2007 <ul style="list-style-type: none"> • Better customer experience with batched / pre-licensed IRM emails • Policy applied automatically on the gateway without user intervention (rule-based RMS application) • IRM is enabled in Exchange Server 2007 Standard and Enterprise CAL |
| System Center Operations Manager 2007 Client Operations Management License (OML) | Enterprise CAL Suite | <ul style="list-style-type: none"> • Find problems that may, or may not, have been reported to the Helpdesk and find fixes for them before they impact the productivity of more users and cause more calls to the Helpdesk • Proactively monitor clients and applications to find problems before they have an impact on end users and cause Helpdesk calls • Quickly and remotely gather troubleshooting and performance data • Execute corrective actions to resolve end user problems | New Product → All New Offerings |
| Forefront Security Suite <ul style="list-style-type: none"> • Forefront Client Security • Forefront Security for Exchange Server • Forefront Security for Office SharePoint Server • Forefront Security for Office | Enterprise CAL Suite | <ul style="list-style-type: none"> • Unified, multi-layered approach to securing client PCs as well as server applications and OS, provides robust, in-depth protection from known and unknown threats, including protection against virus, spyware, rootkit and spam. • Targeted security products, optimized for Microsoft applications servers such as Exchange and SharePoint, and the unique multi-engine approach, offers the greatest protection against the new generation of application-specific attacks. • Policy enforcement mechanisms ensure centrally managed compliance with security policies as well as policies around | Forefront Client Security <ul style="list-style-type: none"> • Unified visibility and control • Simplified, centralized management • Integrated with MOM, SQL Server, SMS and WSUS Forefront Server Security <ul style="list-style-type: none"> • Unique multi-engine approach to anti-malware that provides minimizes exposure without adversely impacting performance • Provides content-based policy enforcement mechanisms Exchange Hosted Filtering <ul style="list-style-type: none"> • Enhanced protection from multiple filtering layers helps secure networks from |

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| Communications Server <ul style="list-style-type: none"> • Exchange Hosted Filtering | | the inappropriate inclusion or distribution of content. | unwanted e-mail <ul style="list-style-type: none"> • Intelligent detection algorithms and continual updates from the expert spam team help eliminate tuning by administrators • Features to help support enforcement of e-mail policies • Creation of custom-fit policy rules with flexible rule authoring • Comprehensive set of SLAs backing network performance and spam/virus filtering effectiveness |