



The Web content management solution for the enterprise.

Content Management Server 2002 is the Web content management system that provides a fast and cost-effective way to create, deploy, and maintain mission-critical, content-rich Web sites.

www.microsoft.com/cmserver

Product Highlights

Microsoft® Content Management Server 2002 enables companies to quickly and efficiently build, deploy, and maintain content-rich, mission-critical Web sites. By streamlining the process for Web publishing, Content Management Server 2002 helps reduce the need for costly, ongoing site maintenance and at the same time empowers business users to manage their own content. As a result, Content Management Server 2002 helps organizations to reduce the overall costs of online communication and increase employee productivity.

A Comprehensive Solution for Managing Web Content

Empower your business users to create, publish, and manage content that is richly formatted, timely, accurate, and personalized. Through easy-to-use tools for authoring and scheduling content, creating workflows, and meta-tagging, your employees can more effectively leverage the Web to run their part of the business.

Faster Time to Deploy and Lower Total Cost of Ownership

Build and deploy Web-based business solutions faster and more cost-effectively than ever with a rapid application development (RAD) environment and tight integration with Microsoft Visual Studio® .NET. Content

Management Server 2002 also offers integration across the rest of the Microsoft .NET Enterprise Servers, including Microsoft Commerce Server and Microsoft SharePoint™ Portal Server. The Microsoft Solution for Internet Business Solution Sites Prescriptive Architecture Guide (PAG) offers prescriptive best practices, services, and support.



Content contributors can use centrally controlled templates in either a simple browser-based interface or Microsoft Word to publish and manage their own content.

Mission Critical Abilities

Industry-standard load balancing and failover technologies provide proven scalability and reliability. And with extensibility throughout the architecture and support for XML content and XML Web Services, customization and standards-based interoperability are simple and straightforward.

Product Features

Content Management Server 2002 offers complete feature sets for site development; site management and deployment; and content creation, publishing, and storage to enable businesses to effectively create, deploy, and manage mission-critical content-rich Web sites.

Content Creation, Publishing, and Storage	
Distributed Authoring Tools for Business Users	Content Management Server provides non-technical business users with easy-to-use applications, helping them to create and publish rich and personalized content directly to corporate Web sites from either their browsers or from within Microsoft Word. This role-based, distributed publishing model also incorporates multi-level workflow approval, automatic content scheduling and archiving, and content meta-tagging. Centrally created and managed page templates ensure adherence to corporate publishing standards and branding.
Template-Based Publishing	Centrally control corporate publishing standards as well as branding, page, and navigation layout through authoring and presentation templates.
Publishing Workflow	Ensure that content is properly reviewed and approved prior to publishing by using a multi-step, role-based workflow.
Content Scheduling	Ensure that content is always published on time and is never out of date by automating its publishing and archiving schedule.
Real-Time Site Updates	Streamline the content deployment process by enabling business users to publish content in the development environment, the staging environment, or directly onto the production Web servers.
Page Revision History	Enable users to perform ad hoc audits with automatic storage of content revisions and page versions.
Object-Based Repository	Store content as reusable XML, HTML, and binary content objects to flexibly meet today's needs as well as future requirements. Objects are stored in a Microsoft SQL Server™ repository and are managed separately from the design elements (templates) of the Web site. By managing the objects separately from the format, content can easily be repurposed across a variety of applications within the organization and for partners.
Dynamic Page Assembly	Personalize content based on user profile, click-through analysis, browsing device, and language preference.

Web Site Development	
Visual Studio .NET Integration	Build content management applications quickly and easily in Visual Studio .NET with integrated Content Management Server projects, template manager, solution explorer, and drag-and-drop server controls gallery.
Content Management Server Controls	Access drag-and-drop controls that connect WebForms directly to the Content Management Server repository. In a similar fashion to how database controls can easily be configured to connect to a SQL data source through GUI properties dialogs, Content Management Server controls can be configured to connect to the Content Management Server content repository through their properties dialogs. This removes the need to write low level data-access plumbing code and lets developers focus their efforts on higher level business logic and design elements.

Web Site Development (continued)

Management of Code and Content	Most content management systems store the Web site's source code in the content repository as if it were content. While this may simplify storage, it results in a poor experience for developers who have to manage source code on complex Web projects. Content Management Server has been built to give both content users and developers the best possible integrated experience. Developers are free to use their source code management system of choice to manage their code. Content Management Server integrates the code into the Web site dynamic through Template Objects.
Managed APIs	Content Management Server functionality and content repository are available to developers through managed COM+ APIs. This allows for maximum flexibility in building powerful Web sites and Web services.
Extensibility	Being able to extend your business system to evolve with your business needs and integrate with other systems is critical to any strategic infrastructure plan. Content Management Server offers extensible interfaces throughout its architecture, including workflow, Web Author Client, deployment, object properties, and more.
Support for the .NET Programming Framework	Use the full power of .NET in content management applications through support for the .NET Framework.

Web Site and Content Deployment

Site Deployment Manager	Import and export content and template objects for deployment and replication between servers.
Integrated Deployment Solution with Microsoft Application Center	Use integration scripts to take advantage of Application Center deployment capabilities and provide system administrators with a deployment solution that support scheduled and automated deployments, incremental deployments for maximum performance, and transactional deployments for rollback support in case of hardware failure.
Managed Deployment API	Extend the integrated deployment solution for highly customized deployment operations using the Managed Deployment API.

Scalability, Reliability, Extensibility, Interoperability

Scale out and Provide Maximum up Time with Server Load Balancing	Support for load-balanced Web farms for maximum scalability and availability using industry standard software or hardware-based load balancing technology.
Scale Up SMP Support	Scale up with your hardware through direct support for multiple CPUs within the same physical server.
Standards-Based Interoperability with XML Content and Web Services Support	Native support for managing content in XML format and for exposing content and functionality within the system as standard XML Web Services provides the standards-based interoperability needed to integrate smoothly with existing business systems.
Extensibility throughout the Content Management Server Architecture	Extend your business system to evolve with your business needs and integrate with other systems. Extensible interfaces include workflow, Web Author Client, deployment, object properties, and more.

System Requirements

Below are the minimum recommended system requirements for Microsoft Content Management Server 2002.

To use Content Management Server 2002 server software, you need:

- Computer with Pentium III compatible or higher processor
- Microsoft Windows® 2000 Server or Windows 2000 Advanced Server with Service Pack 2 (SP2)
- 512 megabytes (MB) of RAM
- 500 MB of available hard disk space for Content Management Server, 1 gigabyte (GB) for database services; 150 MB of available hard disk space at all times
- Microsoft SQL Server 2000 with SP2
- Microsoft Internet Information Services (IIS) 5.0
- Microsoft .NET Framework with SP2

To use Content Management Server 2002 client software, you need:

For Site Manager

- Computer with Pentium II compatible or higher processor
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server, Windows Millennium Edition, or Windows XP Professional with SP1
- 128 MB of RAM
- 20 MB of available hard disk space
- Microsoft Internet Explorer 5.x or higher

For Web Author

- Computer with Pentium III compatible or higher processor
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server, Windows Millennium Edition, or Windows XP Professional
- Microsoft Internet Explorer 6.x or higher

For Authoring Connector for Microsoft Office

- Computer with Pentium III compatible or higher processor
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server, or Windows XP Professional
- Microsoft Office XP

For Visual Studio .NET Integration

- Computer with Pentium III compatible or higher processor
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server, or Windows XP Professional
- Microsoft Visual Studio .NET

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Microsoft Corporation • One Microsoft Way • Redmond, WA
98052-6399 • USA