

Comparison Chart of Magnolia CMS Editions

Topic	CE	EE	EE Pro
Content Creation and Administration			
Instant inline editing With Magnolia CMS, content authors no longer need to switch between different navigation mechanisms to make a small change on a web page. They can quickly switch to edit-mode for any page currently being displayed in their browser for instant editing within the exact same look and feel of the public website.	☑	☑	☑
Browser-based user interface All authoring tasks such as managing the site hierarchy and inline editing are carried out in a browser - no more client installations are needed, no platform dependencies need to be taken care of.	☑	☑	☑
Runs with any browser Magnolia CMS authoring environment works in all major browsers. Authors can use the one they like best – not the one a software vendor likes best.	☑	☑	☑
Move, copy, reorder Authors can move or copy entire site-structures with ease in Magnolia CMS. They can reorder pages and page content via drag and drop – directly in an Internet browser.	☑	☑	☑
AJAX The administration interface of Magnolia makes use of AJAX technologies to provide intuitive content management and a rich user experience.	☑	☑	☑
Concurrent editing Magnolia CMS allows high speed content authoring without losing data. Members of editorial teams can edit pages simultaneously and coordinate all their activities without leaving the authoring interface.	☐	☑	☑
4-eye workflow Magnolia CMS is delivered with a standard 4-eye workflow that allows a second person to check content before it is activated. The Enterprise Edition has additional workflow options.	☑	☑	☑
Undo (single-version versioning) A backup version of Magnolia content is automatically created when you activate a page. You can restore this backup should you need to.	☑	☑	☑
Versioning All Magnolia content is automatically versioned. You can always go back to a previous version to track differences between the versions. You can configure the number of kept versions to balance between business needs and storage requirements.	☐	☑	☑
Compare versions (Diff view) With Magnolia CMS, content authors never miss a beat of what has changed content-wise when they work in collaborative editorial teams. They can compare every detail of any edits to different page versions.	☐	☑	☑
Dependency management of content elements It is easy to see in Magnolia CMS if all the information a page depends upon will be available once it is published. In the opposite direction, the system also informs you which pages refer to a page.	☐	☑	☑
Deletion approval and undo Magnolia CMS supports non-immediate deletion, undo of deletions, and the ability to have custom deletion workflows.	☑	☑	☑
Document Management System (DMS) Easily combine web content management and manage documents through a web-based application, assign customizable meta-data and fine-grained access-rights to each document and store, publish, categorize and retrieve documents efficiently.	☑	☑	☑
Imaging Engine (scale, crop & filter images) The Imaging Engine significantly simplifies the publishing workflow, as Magnolia can now use a single source image to automatically generate a multitude of different images. This is especially useful for article teasers, which often use a different image format than the teased article.	☑	☑	☑
Dynamic lists Pages, documents and any other kind of data can be queried from within Magnolia to display a dynamic list of digital content.	☑	☑	☑
Automatic form-dialog generation Form dialogs for data entry are generated automatically. The Magnolia Form module provides server-side data-validation, logging and personalized confirmation mails.	☑	☑	☑
Multi-step forms Splitting a large form into multiple steps allows the visitor to focus on one step at a time while none of the provided data will be lost when going back.	☐	☑	☑
Role-based user management Define roles for content access and assign them to your users to make sure each user has only the rights that he or she should have. Content can only be seen, read and changed by those who are allowed to do so.	☑	☑	☑

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Multilingual admin interface Each Magnolia user can choose to work with Magnolia in over 15 languages.	☑	☑	☑
UTF-8 page names You can use international characters for node names such as pages. Since the node names are used to build URLs, UTF-8 support means more options for your search engine optimization (SEO).	☑	☑	☑
Multilingual content It is straightforward to manage and serve several languages from within Magnolia by creating one site content tree per language.	☑	☑	☑
Translation Magnolia speeds up translations for international enterprises that have to maintain sites in various languages. It allows to export and re-import all text translated by in-house teams or external agencies.	☐	☑	☑
Web-based spell checker support In Magnolia CMS you can configure the rich text editor to perform spell checking.	☑	☑	☑
Scheduled aka time-based publishing Magnolia CMS allows content authors to activate or de-activate content based on various criteria. For example, content can be published or unpublished based on date and time. The combination of meta-data information and a powerful workflow engine make Magnolia very flexible in this respect. Helpful for those press-releases that absolutely positively have to be online at 5 AM Monday morning.	☑	☑	☑
Workgroup collaboration The system can be set up in such a way that workgroups have shared access to resources, e.g. a folder in the document management system.	☑	☑	☑
Address book The address book functionality allows users to centrally manage contact details within the data module of Magnolia CMS.	☑	☑	☑

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Frontend and Templating			
Friendly URLs The URLs of web pages created with Magnolia CMS are human readable. This makes them easy to communicate, easy to bookmark and easy to spider by search engines.	☑	☑	☑
SEO optimized Magnolia CMS delivers content to the Web optimized for search engines.	☑	☑	☑
Accessibility conformance Magnolia CMS templates follow the guidelines of W3C Web Content Accessibility Guidelines (WCAG2m) as well as Germany's BITV (Barrierefreie Informationstechnik-Verordnung).	☑	☑	☑
Standard Templating Kit (STK) The STK is a complete, out-of-the-box website layout that conforms to accessibility standards. It provides „templating best practice“ and an extensive set of ready-made functionality that can easily be extended for custom designs and content output. The STK includes templates such as Home-page, Section-page, News, Events Calendar, Article, Image-Gallery, Form, Categorized Articles, Glossary, FAQ, Sitemap. It also includes various templates for paragraphs (content types) including fancy teasers, text & image, video, teasers, stages, tabbed content, latest events, latest news, commenting, forum, RSS aggregation, category cloud, contact details from address book and more.	☑	☑	☑
Standards-based templating in JSP and Servlets Utilize your existing Java knowledge – no need to learn proprietary script languages any more.	☑	☑	☑
Freemarker as a template language The Templating Kit is written in Freemarker, which provides new possibilities and makes the development of templates faster and easier than using JSP. JSP remains fully supported and in true Magnolia-fashion, you can mix and match both templating languages to secure your investment and profit from the latest developments at the same time.	☑	☑	☑
Code highlighting Magnolia CMS assists administrators and designers when editing templates with code highlighting and line numbering.	☑	☑	☑
Custom tag library speeds up templating The Magnolia CMS tag library allows you to customize the authoring environment and create templates in a fast, efficient and re-usable way. Magnolia additionally supports third-party tag libraries such as JSTL to minimize the amount of code you have to write.	☑	☑	☑
Unlimited page and paragraph designs Magnolia CMS gives developers the flexibility they want while preserving corporate design guidelines.	☑	☑	☑
Templating Engine Site templating by default is done in JSP or Freemarker and allows unlimited page and paragraph designs. The templating engine is pluggable and can be replaced by other implementations of so desired. Magnolia CMS gives you the flexibility you want while preserving corporate design guidelines.	☑	☑	☑
Multi-site support Magnolia can manage multiple sites within a single installation. Sites can be completely independent or share content, templates or any other data between each other, depending on your needs.	☐	☐	☑
Themes A theme defines the look & feel of a Magnolia CMS website. Themes are managed independently from editorial content. This makes it easy to change the look & feel of your website.	☑	☑	☑
WebDAV The WebDAV interface provides an easy entry path for users to create, edit and manage templates on the Magnolia CMS server as if they were residing on their local file system, and eliminates the need for any Java or system-specific knowledge when creating templates.	☑	☑	☑
Configuration extension Configuration extension (a.k.a. "configuration inheritance") simplifies life for administrators and developers. You no longer need to copy a site or dialog configuration in order to customize it. A configuration can contain a link to the master configuration and add or overwrite any property as needed. This avoids duplication and lowers maintenance effort.	☑	☑	☑

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Web 2.0			
Podcasts, Webcasts, video Easily publish Web 2.0-style audio and video content via multiple channels with Magnolia CMS Enterprise Edition.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User Generated Content (UGC) User-generated content (UGC) can be clustered and thus made available at all public sites at the same time. Examples of UGC include the Forum, Commenting and Public User Registration.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Multichannel Publishing			
Instant mobile sites Make your websites instantly mobile by using Magnolia's unique Standard Templating Kit (STK). Your mobile site's look & feel is completely customizable and can be previewed for smartphone and tablet.	☑	☑	☑
Channel definition Publish to the Web, smartphone, tablet, ebook, newsletter or any other output channel from a single source. Channels can be defined by location, device or any user behavior you can define and even customize your own previews.	☑	☑	☑
Email module Attachments can be sent from within Magnolia CMS for HTML as well as plain text emails. When sending a page, images and links are automatically being processed. Email templates can be build with FreeMarker. The new mail module supports the "SMTP Service Extension for Secure SMTP over TLS" (see RFC2487).	☑	☑	☑
Syndication and staging The built-in publish & subscribe mechanism allows you to syndicate content easily to any other Magnolia application.	☑	☑	☑
RSS generation & aggregation RSS feeds can easily be provided for web pages created within Magnolia CMS. Additionally, Magnolia can aggregate external RSS feeds and render them for inclusion in any web page.	☑	☑	☑

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Marketing			
<p>Campaign Monitor integration</p> <p>Increasingly, corporate newsletters are being distributed through third-party services to avoid the corporate domain getting blacklisted as a spammer by accident. Magnolia CMS includes a subscribe/unsubscribe user interface that interacts with Campaign Monitor.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Meta Data and Tagging			
<p>Customizable, standards-based meta data (Dublin Core)</p> <p>Magnolia uses the Dublin Core meta data standard for rapid deployment and easy integration. Additionally, custom meta data fields can easily be changed through the GUI, are fully indexed and in every aspect look & feel exactly like the build-in meta data. Meta data fields allows you to categorize and retrieve content based not on the content itself, but on information about the content.</p>	☑	☑	☑
<p>Automatic meta-data storage</p> <p>Magnolia CMS automatically saves meta-data such as the name of an author and the last authoring date.</p>	☑	☑	☑
<p>Article categorization (tagging)</p> <p>Categorization features enable editors to categorize articles and to display them in grouped lists for hierarchical navigation or access through a category cloud. Furthermore, categories can be related to each other. Categorization allows you to build highly dynamic, interactive sites.</p>	☑	☑	☑

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Content Repository and Retrieval			
Integrated full-text search Magnolia's integrated full-text search easily lets website authors and visitors find what they are looking for.	☑	☑	☑
Access-controlled search also based on meta-data Search is fully access controlled within Magnolia and returns only the content which users have access to. One can search over all accessible information or retrieve content by typed meta-data information such as author, year, keywords or any other information that has been configured as a search option.	☑	☑	☑
Google Sitemap generation Magnolia CMS automatically generates sitemap XML files to allow Google search engine spiders to crawl a site more intelligently.	☑	☑	☑
JSR-283 Java Content Repository (JCR) Magnolia uses the JSR-283 standard API to access its content. This makes content storage independent of the CMS to avoid black-box content silos and allows the usage of various implementations. Additionally, JSR-283 makes it extremely easy to customize Magnolia and unify content access.	☑	☑	☑

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Single Sign-on and Directory Servers			
Integrate with your existing user management infrastructure (LDAP/ADS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Enterprise Edition makes it easy to deploy Magnolia CMS in large scale intranet environments where an enterprise-grade user management infrastructure already exists. Magnolia CMS is using the JAAS standard for authentication and authorization. Company-wide single-sign-on authentication mechanisms can be implemented.			

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System Integration and Business Logic			
Easy integration of third-party frameworks Magnolia CMS's high extensibility makes integration with other frameworks a snap. Examples are available for integration with Spring (EE only), Struts, and Stripes.	☑	☑	☑
CMIS - Content Management Interoperability Services Easily access and edit Magnolia documents with enterprise systems such as Sharepoint, Alfresco or Photoshop, as if they were local documents.	☑	☑	☑
Customizable, extensible workflow Magnolia has integrated a leading cross-platform workflow engine, which allows for extensive customization of workflows and the integration of Magnolia as part of a business process managed architecture.	☑	☑	☑
Pluggable Digital Asset Management (DAM) Magnolia CMS provides an API to integrate with custom asset management systems. By default, the system ships with implementations for direct file upload (assets are stored on the web page they are used) and for the Document Management (assets are stored independetly of the page structure and can easily be reused). Other options include "Magnolia On Air", our high-end multimedia asset management solution, available separately.	☑	☑	☑
Structured data management (Data Module) Magnolia CMS allows for easy management of both unstructured and semi-structured content with the help of use a hierarchical content repository. On top of that, the Data Module provides an advanced environment to manage structured data. This approach is very flexible: In Magnolia CMS, structured data is indexed, searchable, access is unified, it can be activated and mirrored and treated exactly the same way as any other information in the system. Examples for structured content include product catalogs, employee directories or skill inventories.	☑	☑	☑
Observation of content changes Magnolia CMS's observation mechanism allows you to observe changes to the repository and act upon them. This makes it straightforward to decouple business logic from events that trigger them and allows powerful extensions that react on data changes.	☑	☑	☑
Shell access Magnolia CMS provides various modules for access to the repository through a command shell directly integrated in the GUI. This allows for powerful ad-hoc queries or data-manipulation. Implementations are available for a Bean shell and a Groovy shell.	☑	☑	☑

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Scalability			
Caching Magnolia has its own caching mechanism to increase speed and minimize CPU load. The cache is written on the file system and is automatically updated whenever needed. It is configurable by tree or by page.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced cache strategies The caching API allows for highly customizable caching strategies. Magnolia Enterprise Edition comes with a set of default strategies that provide superior caching behaviour.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unlimited scalability, clustering and load-balancing The integrated publish & subscribe mechanism allows you to mirror your website to as many physically distributed servers as you want.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transactional activation This Enterprise-only feature ensures that activated content is either published in its entirety to all Magnolia instances in a staging environment, or - should anything go wrong - no changes are performed at all. It ensures the integrity of the published content.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Distributed architecture Magnolia is distributed as two web-applications, one acting as the authoring and one as the public environment. This allows for better security by having one application inside your firewall, and one outside.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Backup and Migration			
<p>Backup</p> <p>Backup is possible through various means depending on your specific needs. The repository implementation might provide backup tools of its own itself. In addition the default import/export mechanism can be used for backups.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Scheduled backups</p> <p>Configure time-based backups and define if version information should be exported as well. Backups can also be achieved through the package manager or by using the CRX content repository.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Backup of revisions</p> <p>Magnolia includes a backup facility which allows to restore revisions of content. The new backup feature is a helpful tool for migrations from one Magnolia instance to another, and allows to easily switch repositories or databases without losing any content.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Version export / import</p> <p>Allows the user to backup all content including revisions, and import the version information as needed. This tool makes it possible to migrate all information from one system to another, for instance to change the underlying repository or database without losing version information.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Deployment and Maintenance			
100% Java/J2EE compliance Magnolia CMS is developed in Java and runs on any J2EE compliant application server.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Single download installation Magnolia CMS is available as a bundle together with Apache Tomcat for immediate deployment without the need for additional software.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deployment management The package manager included in Magnolia CMS Enterprise Edition enables developers to have full control of installing updates, adding new functionality and custom backups. By creating and managing standardized Magnolia packages, they can deploy changes to Magnolia instances without risk even in multi-staging scenarios	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Compatibility with Tomcat All editions of Magnolia are compatible with Tomcat application server.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Compatibility with JBoss Standard and Pro versions of Enterprise Edition are compatible with JBoss application server.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Compatibility with Websphere, Weblogic Only the Pro version of Magnolia CMS Enterprise Edition can be deployed on Websphere or Weblogic application server.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Logging with Apache Log4j Magnolia uses standard Log4j logging. Its extensive customization options allow developers to tailor logs to their particular needs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>