# Agnicient
## technology's firebrand

# Portal Content Management Server
## Putting Content to work for your Enterprise

- Web Page Manager
- Templates & Style Sheet Manager
  - Dynamic Template Switching
  - Dynamic Page Assembly
- Web Objects Manager
- Assets Manager
- Version Tracking Control
- Content Tracking
- Authoring & Publishing Workflow
  - Approval Management
  - Content/Update Approvals
  - Publishing Tasks
- Content Scheduling
- Real-Time Site Updates
- XML, J2EE, .NET and Web Services Compliant
- Multi-lingual Support

*Content Management Made Simple. For the Enterprise.*

Agnicient's Portal Content Management Server (CMS) is an enterprise grade system that provides an easy, quick and efficient way to create, manage, publish and deliver web content.

It leverages common business tools & existing infrastructure to allow business and technology users to share information and support a diverse range of business requirements. The integrated environment of Agnicient's CMS offers an easy-to-use graphical interface, similar to that of Microsoft® Word, allowing business users to create, distribute and archive all types of digital content.

## PRODUCT HIGHLIGHTS

Agnicient's Content Management Server enables companies to quickly and efficiently build, deploy, and maintain content-rich, mission-critical Web sites.

Providing unified access to unstructured information from a single, secure repository reduces the costs of managing content and enables centralized control and reporting. Backup and recovery solutions already in place can easily be extended to cover unstructured information in the central repository. By implementing a single solution to manage your organization's content, you can reduce the total cost of ownership, minimize vendor-related risks, consolidate the number of suppliers and leverage economies of scale.

Agnicient's multisite Web content management server provides the critical framework and necessary tools to effectively manage internal and external Web sites. It dramatically improves productivity and allows organizations to maintain accurate, timely, and current web content with consistent branding and

presentation across all corporate sites. With Agnicient Portal Content Management, you can centralize control of site architecture and presentation while distributing development

and ongoing maintenance to the business units.

## MANAGE WEB CONTENT COMPREHENSIVELY

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.

Agnicient CMS allows section-level access for each user. You can choose which user in the enterprise has access to which section, which sub-section and which content. You can allocate individual rights to each user, allowing them to create, modify or publish content.

Every user can, depending on his rights assigned by the site administrator, search content from a large variety of data, create

suitable content for online
publishing and trigger a workflow
for approvals, and final publishing.
The system operates within
existing collaboration systems.

## KEY FEATURES & BENEFITS

*KEY FEATURES*
- *In-context Web site contribution, preview, updates, and approvals*
- *E-mail notifications during workflow*
- *Library services, including full-text search, check-in or check-out, and version control*
- *Flexible metadata and security*
- *Template-based pages*
- *Libraries of reusable components and XML-based fragments*
- *Native content conversion to Web-viewable formats, including HTML, XML, and PDF*
- *Dynamic delivery and scheduled publishing models*
- *Personalized content delivery*
- *Content release and expiration*
- *Full digital asset and records management features included*

*KEY BENEFITS*
- *Minimizes Web development costs*
- *Reduces risk while ensuring Web content accuracy and quality*
- *Lowers help desk and customer service center costs*
- *Easily manages multiple sites with a consistent corporate brand*

## CONTENT CREATION & PUBLISHING

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 or from within a Microsoft Word type control. This role-based, distributed publishing model also incorporates multi-level workflow approval (up to 25 customizable levels), 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

Centrally control corporate publishing standards as well as branding, page, and navigation layout through authoring and presentation templates. Agnicient CMS provides integration with leading email & collaboration systems – Lotus Notes, Microsoft Exchange, or any IMAP, POP3 or MAPI-compliant systems.

### Content Scheduling

Ensure that content is always published on time and is never out of date by automating its publishing and archiving schedule. Agnicient provides easy integration into existing scheduling systems.

### 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. It also enables users to perform ad-hoc audits with automatic storage of content revisions and page versions.

### Web Objects Modeling

Agnicient CMS provides industry leading Web Object Modeling into the content manager. 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 ODBC-compliant 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.

## WEBSITE DEVELOPMENT

Access drag-and-drop controls that connect WebForms directly to the Agnicient CMS repository. In a similar fashion to how database controls can easily be configured to connect to a data source through GUI properties dialogs, Agnicient CMS controls can be configured to connect to the 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.

### Management of Web Content & Code

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. Agnicient CMS 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. Agnicient CMS integrates the code into the Web site dynamic through Template Objects.

Agnicient CMS 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.

### Enterprise Integration

Being able to extend your existing business system to evolve with your business needs and integrate with other systems is critical to any strategic infrastructure plan. Agnicient CMS offers extensible interfaces throughout its architecture, including workflow, Web Author Client, deployment, object properties, and more.

## INTEROPERATIBILITY

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.

## SITE MAP

Agnicient CMS offers an easy-to-use dynamic site map to navigate users through the various sections of the internet, intranet or extranet websites. It uses a dynamic, real-time update of the website for changes to the web sections or

pages. You can easily create, modify or delete sections, pages and sub-sections, make a page visible/invisible, and dynamically update the site map. The Agnicient CMS controls the site map in real-time.

## WYSIWYG EDITOR

A powerful WYSIWYG editor allows support for multiple content types – text, rich-media, flash etc. Just type in your content, with basic formatting, and use a single-click upload dynamically to the website.

## STANDARDS

Agnicient CMS supports industry's leading standards – available on .NET, J2EE and Web 2.0 platforms, it provides an out-of-the-box graphical editor with functions such as-

- Smart Paste
- HTML Editing
- Drag-and-Drop
- Spell Check

## IN-CONTEXT MANAGEMENT

To simplify content editing and creation, Agnicient has introduced

in-line management facilities. These features enable the content worker to navigate the Web site as an end-user would and search for particular content to edit. Roles-based security provides appropriate access to each user and limits unauthorized users from accessing management features of a given portion of the site. Specifically, the in-context management facility provides the following management features:

- Navigation and pages

- Presentation templates

- Content editing and review

- Ad hoc workflow initiation

- Content approval and publishing

In effect, the user is editing content via a "preview" version of the delivery application, or end-user site, which provides a true reflection of what the audience will experience. It allows organizations to update sites more quickly, increase internal adoption rates of the management application, reduce training costs and improve the site's overall effectiveness.

## SMART PUBLISHING

Agnicient CMS provides a publishing cycle that allows the system to check for all of the dependencies and components needed for each page. These services are provided by way of one-click, intelligent Web publishing. Dependencies and locations of assets are internally managed and preserved. These publishing activities are typically process driven, which are visually designed and audited. The system is secure and utilizes HTTP and HTTPS to guarantee delivery. This increases the speed and efficiency of content distribution and improves site accuracy and consistency, since all updates are made automatically. Finally, organizations can enjoy reduced risk by knowing that information is secured and guaranteed to be published intact according to auditable, reliable processes.

## MULTI CHANNEL OUTPUT

Organizations have more choices than just the Web channel when deciding how to distribute their content. Presentation templates inherently have the ability to define the output formats as well. The variety of presentation output formats may include HTML, PDF or WML. Content can also be syndicated in formats such as XML, RSS, and RDF. And, content can be delivered via a scripting model such as ASP or JSP.

This allows organizations to reuse content easily across formats and delivery channels, enabling them to quickly extend reach of information to the Web and beyond. This flexible, standards-based content distribution approach reduces costs with reuse of content and template components.

## SECURE ADMINISTRATION

Agnicient CMS provides a robust roles-based administration framework with which to distribute access to the various assets in the system. This secure, flexible authorization model allows administrators to propagate settings down through a hierarchy tree and fine-tuning capabilities with access control lists. Users can have differing roles with which to act upon different sites and projects within the system.

To streamline the process of establishing an authorization process, Agnicient CMS is shipped with pre-configured roles, such as Content Contributor, Content Management, and Administrator among others. These out-of-the-

box roles can be tailored to meet specific needs of the business.

Delegated administration provides a unique approach to the granting of administrative rights of specific system areas to one user, while still maintaining global control. For example, IT can delegate the management of individual sites and projects to the associated Lines of Business thereby reducing time and cost by empowering the content owner, while maintaining control over corporate policies and security guidelines.

## THE VALUE

Agnicient CMS provides a cost-effective, standards-based and powerful solution for creating and managing information from across the organization, destined for Web sites and portals inside and outside the enterprise.

Designed specifically to empower business users to leverage the online channel to deliver information effectively, in real-time, to targeted audiences, Agnicient CMS quickly meets an organization's evolving content management needs and helps to save time, minimize risk and reliably deliver mission-critical content to customers, employees, suppliers and partners.

## Effectively Manage & Consolidate Web Sites & Portals

With Agnicient CMS, organizations have a standardized, consistent, effective and scalable solution that can help:

- Centralize and consolidate the number of Web properties maintained by IT, emphasizing cost containment

- Leverage and share content and processes across applications, without duplication, to increase accuracy and relevancy of content between applications

- Adopt strategic long-term goals with a system that can be easily configured to evolve as requirements change

- Improve operational efficiencies through content reuse and streamlined business processes

## Increase Operational Efficiency

Agnicient CMS helps to enhance business user productivity with intuitive interfaces for managing the content lifecycle. With Agnicient CMS, organizations empower their business users to:

- Quickly deploy an easily extensible content management application complete with a unified administrative console,

predefined workflows and content types

- Automate the process of assembling and publishing content, without duplication, inside and outside the business

- Streamline frequent editorial process controls through roles-based "in-context" editing of the previewed Website, facilitating an easily understood model to locate and change Web content, pages and presentation

- Find information simply and efficiently through embedded enterprise parametric search across the entire virtual repository

- Increase repeatability and consistency by managing

- Content through reusable objects and templates related to specific business needs (e.g., articles, product launch campaigns) instead of as individual files.

## Adapt to meet challenging business needs

Agnicient CMS can help lower the total cost of ownership by empowering enterprises to quickly deploy and easily manage content in a highly scalable and reliable way. Agnicient participates in a number of technology standards governing bodies and leverages these open standards extensively.

As the cornerstone to efficiently extend content management beyond the technical realm, Agnicient CMS allows organizations to:

- Minimize the need to purchase or create additional components in the enterprise infrastructure by leveraging current investments in hardware, software and knowledge workers.

- Support n-tiered staging (e.g., development, testing, and live stages) with advanced deployment and delivery capabilities for both static and dynamic delivered content

- Maximize reliability and scalability through a tiered architecture leveraging integrated caching, clustering and fail-over to ensure availability, performance and uptime across XML, J2EE, .Net and Web Services

- Support compliance, globalization and consolidation efforts with a proven comprehensive, integrated and extensible multi-site management application

## Enforce Repeatable & Consistent Business Processes

Agnicient CMS helps organizations to run more efficiently by providing consistent, documented and repeatable business processes managed through the unified Command Center. With Agnicient CMS, organizations can:

- Standardize and enforce business practices from one central location and manage them through delegated administration

- Provide greater control, consistency and visibility into brand and policy management with central administration of distributed content contributors

- Audit completed tasks and view tasks in progress, allowing managers to track and enforce greater accountability, governance and reliability in enterprise business processes

- Optimize operations using system reports to identify bottlenecks and inefficiencies in the process

- Deliver Superior Online Experience

- Agnicient CMS can increase return on investment by providing a content management application that aligns business

needs with the end-user demands to efficiently deliver content for Web sites, portals and other applications.

With Agnicient CMS, organizations can:

- Choose from static or dynamic content delivery to help support business goals for improved customer loyalty, increased employee productivity or product and services revenue gains

- Support distributed delegated ownership of information across the enterprise with simultaneous change control and incremental content publishing to multiple channels

- Choose from delivery options to publish content to multiple formats and languages utilizing a presentation assembly model

## Ordering Information

*ENTERPRISE VERSION*

**AGNI-900745CMS-50**
Starter Pack for Enterprises, 50 users, 12m support

*STANDARD VERSION*

**AGNI-900407CMS**
Starter Pack Standard Edition, Single User, 12m support

*ADDITIONAL USER PACKS*

**AGNI-900007CMS-10**
Additional 10 users

## System Requirements

*SERVER*
Minimum P-IV based system, 4GB RAM, 100GB HDD

*CLIENT*
LAN-based PC, P-IV, 512MB RAM

*Agnicient is a business technology consulting and services company, headquartered at New Jersey, USA. Incepted in 1999, Agnicient has since delivered innovative business solutions to its' worldwide clients. Other similar solutions from Agnicient include Fleet Management, Vehicle Tracking & Dispatch, Innovation Management Portals, Resource Management Portals, Workflow Management & Document Management Systems.*

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