Micro Focus Content Manager

A single solution for governance-based enterprise content management
Table of Contents

Unlock the Benefits of Managing Content Throughout Its Lifecycle ................. 1
Simplify How You Manage Electronic Documents In Line With Policy ............ 1
Enhance Your Compliance State and Reduce Risk ........................................ 1
Overview of Enterprise Content Management Capability .............................. 2
Overview of Document Storage Capability .................................................. 6
Content Manager Architecture ....................................................................... 7
Conclusion .................................................................................................... 7
Micro Focus Content Manager is a governance based enterprise content management (ECM) system designed to meet the global needs of government, regulated industry and enterprises.

**Unlock the Benefits of Managing Content throughout Its Lifecycle**

More organizations are now realizing the benefits of integrating electronic records management into their enterprise content management practices. This is because of its proven mechanisms for proactively capturing and organizing the documentary evidence that makes up the regular course of business—activities, transactions, internal and external communications, protective markings, and retention requirements. An information governance program built on strong records management principles can also significantly improve business efficiency and productivity, information security, and operational cost savings. The program proactively manages both business content and records throughout the content lifecycle, from the point of creation through to disposal.

In today’s business environment, compliant Enterprise Content Management (ECM) is a complex undertaking. Content Manager responds to this need to deliver integrated, proven content management and governance for your entire enterprise. Micro Focus can help you manage both physical and electronic content within a single ECM solution.

**Simplify How You Manage Electronic Documents in Line with Policy**

Content Manager offers a flexible design that allows government, regulated industry, and global enterprises to respond to their regulatory and business requirements by embedding electronic records management practice into daily business processes. By incorporating knowledge from 30 years of continued customer engagement and market leadership, Micro Focus has created a governance based ECM system with enhanced usability, performance, and functionality.

Integration with desktop applications enables your staff to manage their information via a single interface across multiple devices. Productivity tools such as workflow, highly configurable metadata profiles, and tight integration with line-of-business applications such as SAP allow for process improvements and greater user adoption. All of this is based on our core strength and unparalleled capabilities in policy, security, and governance, which are applied automatically in the background to help you improve compliance and appropriate levels of access for all stakeholders.

**Enhance Your Compliance State and Reduce Risk**

Content Manager offers integrated, governance based enterprise content management functionality created for organizations that have moved past the days of managing paper-only records. Information today is diverse, requiring you to manage business records in a variety of forms, including emails, Web content, Microsoft Word documents, video, and text messages—all while providing rigorous security and user-friendly access from a range of devices at any time. A proven solution, Content Manager capabilities include ideas and enhancements driven by a global customer base of more than 1.8 million users.

The desire to comply with international electronic records management standards continues to be an important driver for our customers and factors greatly in product development. Content Manager has been
designed to ISO 15489-1:2001 Information and documentation—Records Management and supports elements of ISO:16175-2:2011, which provides internationally agreed upon principles and functional requirements for software used to create and manage digital information in office environments. Certification with DoD 5015.2 V3 and VERS is continuously maintained. Choosing Content Manager means you can be confident in supporting the management of content and records in business context, linking information, people, process, and policy together.

**Overview of Enterprise Content Management Capability**

This table provides a summary of the enterprise content management functionality and capabilities of Content Manager.

<table>
<thead>
<tr>
<th>Advanced disposal processing</th>
<th>■ A workflow tool that guides the user through the processing of disposal consignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit logs</td>
<td>■ Extensive audit logs maintained</td>
</tr>
<tr>
<td></td>
<td>■ Old values stored for comparison with new values</td>
</tr>
<tr>
<td></td>
<td>■ Audit logs stored as a record</td>
</tr>
<tr>
<td></td>
<td>■ Active audit events can be applied to all objects within the system</td>
</tr>
</tbody>
</table>

| Auto-classification        | ■ Micro Focus Content Manager leverages IDOL categories to auto-classify content |
|                            | ■ IDOL categories are trained on Micro Focus Content Manager’s classification scheme or selected documents or records |
|                            | ■ A minimum confidence threshold can be set to improve classification accuracy |
|                            | ■ Classified items can be attached directly to the classification term or placed into an existing or newly created folder |

![Figure 2. Auto-classification dialogue](image)
_Client and matter record structures_

- Micro Focus Content Manager allows for the simultaneous management and use of the business classification scheme (BCS) and legal filing structures
- Micro Focus Content Manager enables the legal department to work with client and matter files
- Client and matter files fit within the BCS hierarchy for enterprise navigation and management
- Users can navigate from a client file directly to the related matter files

\[Figure 3. Client and matter filing Structures\]
Document encryption
- Documents encrypted during communications and transmission
- Documents encrypted in the store using symmetric key encryption—prevents data center staff viewing documents

Document routing and tracking
**Actions and procedures:**
- A single action or sequential actions defining a process
- Description, time frame, and responsibility can be defined

**Workflow:**
- Sequential or parallel processes, decision branches, and looping and nested activities
- Description, duration, responsibility, escalation, and authorization can be defined
- Graphical interface to illustrate process flows

Email capture
- Integration with Outlook and Lotus Notes mail
- Email capture via menu options or drag-and-drop
- Mail folders mapped to folders within Content Manager
- Server-side integration for Exchange and Lotus Notes mail
- Thin Outlook integration supports; check-in new and existing Outlook items, check-in email attachments only, check-in emails on send, insert record links, attach Content Manager files, and open Content Manager records from within Outlook

Email conversation tracking and message ID
- Email message and conversation IDs captured as metadata (Outlook)
- Duplicate checking and prevention
- Conversation retrieval

![Figure 4. Email conversation navigation](image)

**Emailing documents**
- Documents can be emailed from within Content Manager
- Either full document or document link can be emailed

**GPS location**
- The GPS location is a property field associated with either a record or location object
- GPS locations can be associated with content to show how specific content is linked to a location or asset.

*Continued on the next page*
GPS-based search can be used to find content within a specific range of the GPS location. The GPS data can be entered manually as text or via a kwick-select button that displays a Google Map where a marker is used to pinpoint the location.

![GPS location](image)

**Figure 5.** GPS location

<table>
<thead>
<tr>
<th>Google apps authentication</th>
<th>Authentication of users against Google Apps uses the OAuth 2.0 authentication protocol to implement single sign-on (SSO) authentication.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image capture</td>
<td>The Content Manager scan tool supports low-volume, single-page scanning from a TWAIN-compatible flatbed scanner. SDK supports customer integration to high-volume scanning systems.</td>
</tr>
<tr>
<td>Kofax Ascent Capture release script</td>
<td></td>
</tr>
</tbody>
</table>
| Integration: External warehouses (Iron Mountain and oneiBridge) | oneiBridge  
Content Manager’s optional warehouse integration supports oneiBridge software to facilitate advanced requests such as; temporary retrieval of physical records, new record pickup, and returning record pickup. Requests are processed and updated automatically between the two systems. |
| Iron Mountain              | Content Manager’s optional warehouse integration for Iron Mountain facilitates advanced requests such as; temporary retrieval of physical records, recurring retrieval, permanent retrieval, new record pickup, and returning record pickup. Requests are processed and updated automatically between the two systems. |
| Integration: Micro Focus ControlPoint | Facilities in-place management of content and policy application to content outside Content Manager. Enables legacy data clean-up of enterprise content with the ability to migrate valuable content and records into Content Manager where it makes sense to do so. Facilitates automatic records declaration. Identifies sensitive information such as personally identifiable information (PII), personal credit information (PCI), and personal health information (PHI). |
| Integration: Line-of-business applications | Fully documented and supported software development kit (SDK). SDK exposes most content management functionality for programmatic use. .NET API, COM API, and a Web service provided in the SDK supports a variety of programming languages. |

Continued on the next page
Table 1. Summary of Content Manager’s functionality

Overview of Document Storage Capability
This table provides a summary of Content Manager’s document storage capabilities:
Improving Performance with Caches

Table 2. Content Manager document storage capabilities

| Document cache options | ■ Ability to use caching or not  
|■ Synchronous or asynchronous document transfers  
|■ On-demand caching  
|■ Pre-emptive caching  

| Distributed stores and caching | ■ Stores and caches can be set up at multiple sites, as required  
|■ Supports central location and remote sites  

| Metadata cache options | ■ Highly developed system of metadata caches in both client software and on workgroup server  
|■ Intelligent pre-fetching of object data  
|■ Workgroup server metadata memory cache for common lookup tables  

**Content Manager Architecture**

**Support for Geographical Distribution over a WAN**

Content Manager implements a system of document stores and caches that allow you to achieve the benefits of both LAN and WAN worlds. Its central WAN connected records database and decentralized document caches allow document sharing at LAN speed. The Content Manager multi-tier architecture includes a layer of workgroup servers that are specifically designed to serve decentralized business groups on their own WAN. The design of the workgroup server keeps it specifically lean and focuses on the caching of data, rather than packing it full of business logic. This can be deployed on modest hardware even in the smallest of remote sites.

**An example of decentralized implementation:**

![Figure 6 Decentralized implementation example 1](image)

The design of Content Manager allows you to scale up to the largest enterprises in the world. It has been built and continually refined based on our experience with large enterprises that have hundreds of thousands of users, hundreds of millions of documents and records, thousands of different business processes—falling under dozens of different regulators. This results in a system that scales not only from a technical standpoint but also from a logical aspect.

**An example of decentralized implementation:**

![Figure 7 Decentralized implementation example 2](image)

**Conclusion**

With Content Manager, each user in your enterprise can experience productivity increases based on your corporate records management policies while performing their daily tasks using standard processes and familiar terminology. Content Manager enables you to balance the
daily collaboration needs of staff with the long-term compliance and productivity requirements of the business by:

- Simplifying the management of your content where it delivers the most value
- Delivering intuitive and authorized access across a range of devices at anytime
- Scaling to the largest organization, while adapting to individual processes
- Reducing information footprint and storage costs
- Safeguarding business and executives through standards compliance, security, and audit

- Providing transparent automatic governance of SharePoint content without sacrificing user flexibility

As a cornerstone of the Micro Focus Information Management and Governance portfolio, Content Manager enables you to meet your requirements today, while catering for your information governance needs of the future. Content Manager is a solution that can grow with your organization.

Learn more at [www.microfocus.com/contentmgr](http://www.microfocus.com/contentmgr)