The release of Oracle Enterprise Content Management Suite 11g (Oracle ECM Suite) realizes the vision that content management is a core component of today’s enterprise infrastructure—a centralized, but open platform with pervasive services that ‘content-enable’ business operations throughout the enterprise. Oracle ECM Suite 11g consolidates unstructured content across diverse systems to be centrally managed, and then exposes it from within desktop applications, Websites and business applications to fit the working realities of today’s users. This document highlights the new features in Oracle ECM Suite 11g and its product components, demonstrating how the release delivers on its promise of a complete, open and integrated ECM platform for Oracle’s customers.

What’s New in Oracle Enterprise Content Management Suite 11g

At the Suite-level, the 11g release provides a number of new features and enhancements to its platform, core content services and repository management that are carried across product components, including:

- **Oracle Fusion Middleware infrastructure:** Oracle ECM Suite 11g has been fully transitioned to the Oracle Fusion Middleware platform, with all applications being supported by Oracle WebLogic Server and an Oracle Enterprise Manager dashboard for centralized system installation, configuration, monitoring, logging, performance metrics and diagnostics. And as a “hot pluggable” Oracle Fusion Middleware product, customers will soon be able to use certified third-party web application servers with Oracle ECM Suite 11g. Additionally, the Content Server Inbound Refinery now runs on Oracle WebLogic Server, enabling organizations to easily stop/start and monitor multiple refineries from a centralized location. The engine has been updated to be multi-threaded to handle even greater loads and now supports multi-part output.

- **Unified content repository:** Oracle Content Server provides a unified repository for all Oracle ECM Suite 11g applications, to facilitate the deployment of all services on one infrastructure. The 11g release of Oracle Content Server provides unprecedented levels of performance and scalability, whereby it can be tuned for multiple uses for high volume ingestion and access.

- **Broad server platform and directory support:** Oracle ECM Suite 11g offers more choice for organizations with heterogeneous environments, by offering server platform operating system support for Linux, Solaris, AIX, HP/UX and Windows across all applications. The 11g release also expands directory support for all components, adding Oracle Internet Directory and OpenLDAP, in addition to continuing support for Active Directory.

- **Secure Web services:** Enables WS-Security for all ECM services, providing support for Security Tokens such as SAML assertions, Kerberos tickets, X509 certificates and custom tokens.

- **Out-of-the-box “Fast Check in” capabilities:** Fast Check-in enables organizations to pick and choose which applications and check-in service calls they want to tune for extreme content...
ingestion speeds – enabling organizations to support multiple types of applications on one unified repository and platform supporting high volume imaging to collaborative document management, and access-intensive digital asset and Web site management.

What's New in Oracle Enterprise Content Management Suite 11g – Components
Oracle ECM Suite 11g product components include:

- Oracle Universal Content Management (UCM) 11g; for document management, Web content management, digital asset management, and built-it retention management.
- Oracle Imaging and Process Management (I/PM) 11g; for document imaging and business process management related to automating paper-intensive, back office operations.
- Oracle Universal Records Management (URM) 11g; for applying records and retention policies to physical and electronic content in a single consolidated system or “in place” across other content stores.
- Oracle Information Rights Management (IRM) 11g (restricted use); for securing sensitive content beyond the network to user’s desktops, flash drives, and laptops to prevent unauthorized usage.

What’s New in Oracle Universal Content Management 11g

- Next-generation desktop integrations: New Microsoft Office integration provides menus to access managed content, insert managed links, and compare managed documents using standard Office reviewing tools. Identity tagging of documents now occurs automatically upon download, to help users understand which versions they are viewing and prevent duplicate content items in the content repository. In addition, new “smart productivity folders” show users their workflow inbox, saved searches and checked out content directly from Windows Explorer.

- Open Web content management: This new capability brings Web content management (WCM) authoring, design and presentation capabilities to multiple types of sites, portals and Web applications. Whether sites are designed from the ground up using WCM or where WCM plays a supporting role in custom applications – Oracle’s open WCM strategy fits directly into how organizations design sites and applications. By replacing content in templates with a simple tag, organizations can simply take in the right amount of WCM that meets their needs – all without having to rewrite the application or port it over to a new technology stack or framework.

- Additional new Web content management features: Include new servlets and tag libraries for all Web content management functions and enterprise content management services, enabling Web developers to add WCM to JSP, JSF & ADF applications; Flexible deployment options with a built-in smart cache so organizations can deliver Web sites or Web applications without requiring a Content Server; An Oracle JDeveloper plug-in which brings Web content management directly into Oracle’s free integrated development environment with end-to-end support for modeling, developing, debugging, optimizing and deploying Java applications and Web services; and a new Web site “design mode” for business users, enabling them to have more site design controls directly from the Web site.

- New digital asset management (DAM) end user features: Include enhanced Flash support enables business users to easily edit and contribute content to Flash animation available on Web sites, or select Flash as an automatically generated video rendition; Additionally, users can now easily manage, search and review Flash videos by automatically creating storyboards for flash videos that users to scan and start right where they want to watch; New features also empower business users to search on embedded image XMP & EXIF metadata (often added to PDFs, photography and to images using photo editing applications) as well
as apply watermarks, color profiles and text overlays directly to managed images or even size and crop images on-demand;

- **New DAM conversion features**: Include extended support for a variety of new conversion engines such as PhotoShop – allowing marketing departments to automate the creation of image renditions for multiple users; And the new rich media functionality for Web content management enables administrators or business users to make any automatically generated rendition available as a statically delivered asset for high performance Web site and choose specific renditions directly from the WCM editor.

What's New in Oracle Imaging and Process Management 11g

- **Embedded Oracle BPM Suite workflow engine**: Oracle I/PM 11g leverages Oracle BPM Suite for process automation, which is Oracle’s standardized platform for BPM for both cross-product solutions and increasingly for native workflow capabilities within applications. Oracle BPM Suite provides Oracle I/PM 11g with a standards-based tool for both the human workflow and system integration/process orchestration aspects of business process management. It also offers much richer functionality than was provided by Oracle I/PM 10g’s embedded BPM capability, including a business rules engine and a business activity monitoring dashboard.

- **Updated application integration framework**: Oracle I/PM 11g leverages an updated Application Extension Framework (AXF) that is installed with Oracle I/PM to ease application integration set-up, and provides for centralized system configuration for both Oracle I/PM and AXF-based integrations, thereby easing ongoing administration.

- **New image viewers with simplified security model**: New for 11g, the Oracle I/PM “advanced” viewer has been re-written as a Java applet with cross browser support, to provide easier and more flexible access. There is also a “basic” HTML viewer, that provides access to images to those outside the ERP environment, and does not provide mark-up and annotation capabilities. Annotation security now features a simplified model, whereby annotations can be applied, edited or viewed as mapped to three classification levels, in accordance with a user’s permissions.

What's New in Oracle Universal Records Management 11g

- **Enhanced user experience**: Oracle URM 11g makes records management easier for both business users and records administrators. Simplifications in the end user experience allow the creation of bookmarks into often-used part of the file plan, easy copying of categories and dispositions, and integrated folder and records search. The records management dashboard provides a consolidated view into records administrator tasks and system performance.

- **Expanded functionality through Oracle integrations**: Oracle URM 11g allows for an expanded set of functionality through integration capabilities with other Oracle products. Complete integration with Oracle UCM, including web content management with Oracle URM 11g configurable records definition capabilities. The available integration with Oracle BI Publisher provides easily configured and robust reporting. The available integration with Oracle SES enables real time full text discovery across disparate systems in an organization.\(^1\)

- **DoD 5015.2 v3 certification**: Oracle URM 11g is fully certified against all part of the US Department of Defense records management standard – baseline, classified, and Freedom of Information and Privacy Act. This enables Federal, state, & local governments & public agencies, as well as private companies, to maintain regulated compliance.

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\(^1\) Oracle UCM, BI Publisher, and SES licenses are not included from Oracle URM.
What’s New in Oracle Information Rights Management 11g

- **Best practice rights model - global roles and templates:** This new feature improves Oracle IRM’s built-in classification system – the context rights model – by providing the ability to globalize across all classifications, roles and context definitions. For example, you can define a group of Oracle IRM users with one global role and permissions; should it be required to modify those rights at any time, you can make one simple change in Oracle IRM 11g to this role, to cause an almost immediate effect to every user it was assigned and the associated documents.

- **Extensible classification model:** For complex security rights use cases that are not natively supported by Oracle IRM’s context rights model, Oracle IRM 11g now offers the ability to leverage any other rights model outside of the system. For example, Oracle IRM 11g can provide document security, but the control of who has access to what is defined in another application. One of the key use cases where this functionality is being leveraged is with integrations with data loss prevention technologies, demonstrating how Oracle IRM 11g has evolved beyond document security to providing security services that underpin enterprise applications.

- **FIPS 140-2 certified cryptographic algorithms:** Oracle IRM 11g now supports the Federal Information Processing Standard Publication 140-2, a U.S. government security standard for accreditation of cryptographic modules. With Oracle IRM 11g, U.S.-based companies and agencies that must adhere to this standard can now use its document security capability to protect their most sensitive content.

Contact Us

For more information about Oracle Enterprise Content Management Suite 11g, visit www.oracle.com/goto/ecm, or call +1.800.ORACLE1 to speak to an Oracle representative. And stay up to date with Oracle ECM product release news at wwwblogs.oracle.com/ecmalerts