

DELIVERING SCALABILITY
AND LONGEVITY INCREASES
DATA VALUE THROUGH A
CONTENT MANAGEMENT
SOLUTION THAT IS NOT ONLY
DYNAMIC AND SUSTAINABLE
BUT ALSO COST EFFECTIVE
AND STANDARDS COMPLIANT

MAXIMIZE DATA ACCESS THROUGH EXTREME SCALABILITY



The Oracle Optimized Solution for Lifecycle Content Management provides a proven, highly efficient enterprise class content management system and an infrastructure architecture for “at-scale” compliance and archiving environments. The Oracle Optimized Solution for Lifecycle Content Management is designed to maximize

the overall value of data by improving search and access to data of any age or location while simultaneously reducing storage costs.

Realize the True Value of Data Through Collaboration and Re-Use

Data is the lifeblood of many businesses and organizations, so it must be managed and protected throughout its lifecycle. Some data is transient, needing to exist for only seconds, minutes or hours. Other types of data must be kept accessible for months, years, or even indefinitely, to meet compliance regulations as well as to support ongoing use of the data for product, business, and collaborative needs.

Content management is not just about managing data when it is created, but concerns managing data throughout its lifecycle, making information of any age or location easily searchable and accessible. The most important aspect of content management is providing reliable and dependable access, even over long retention periods, which in some cases could be forever. Delivering scalability and longevity to enterprise data requires a content management solution that is not only dynamic and sustainable but also cost effective and standards compliant.

COMPLETE LIFECYCLE MANAGEMENT OF YOUR CONTENT

- Centralized management of unstructured content including documents, images, video and records
- Content management capabilities include flexible security, version control, customizable metadata, workflow engine, and rendition engine
- Automates data migration to reduce operational costs
- Lowers the cost of storing “at-scale” archives by as much as 70% as compared to disk only solutions
- Reduces implementation and operational risks by delivering a pretested highly available and optimized system solution
- Accelerate and enhance business analysis and decision making by keeping more data online for longer periods of time

Designed and Engineered to Work Together

Oracle Optimized Solutions are designed, tested, and fully documented architectures that are tuned for optimal performance and availability. They are based on uniquely matched components including Oracle's engineered systems, servers and storage, operating systems, virtualization, database, middleware, and enterprise applications. While it's a given that everything in the Oracle technology stack works with everything else—with Oracle Optimized Solutions, everything works smarter. For example, applications work with middleware to give you faster performance, and software takes advantage of hardware features so you can store more data, faster. The Oracle Optimized Solution for Tiered Storage Infrastructure provides a scalable architecture complete with hardware and software that has been tested and fully tuned for optimal performance and availability.

Integrating Best In Class Storage Hardware and Software Technology

END-TO-END SOLUTION ARCHITECTED AND OPTIMIZED TO ACHIEVE

- Take the guess work out of deploying new solutions with pre-tested, certified solutions from Oracle Optimized Solutions
- With Oracle Optimized Solutions, you can lower your total cost of ownership (TCO), reduce risk, and create an IT infrastructure that will make your users more productive and help your business respond faster to change.
- Flexible by design, Oracle Optimized Solutions can be implemented as an end-to-end solution or easily adapted into existing environments.

RELATED PRODUCTS

Oracle SPARC T-Series Servers
 Oracle Solaris
 Oracle StorageTek Storage Archive Manager
 Sun ZFS Storage Appliance
 Oracle StorageTek Tape Storage
 Oracle WebCenter Content

RELATED SERVICES

Oracle Premier Support
 Oracle Advanced Customer Support Services
 Oracle Consulting Services

The Application

Oracle WebCenter Content provides organizations with a unified repository to house unstructured content, and deliver it to business and industry data users in the proper format, and within the context of familiar applications to fit the way they work.

Oracle WebCenter Content realizes the vision that content management is a core component of today's enterprise infrastructure - a flexible platform that empowers employees and content-enables business processes throughout the enterprise. Oracle WebCenter Content consolidates unstructured content from across diverse systems so it can be centrally managed and then exposes it from within desktop productivity tools and applications to drive productivity and business process efficiencies. New to this release is the healthcare standards-based specification, XDS, for sharing of documents across systems. This gives WebCenter Content the ability to act as the Document Repository for patient electronic healthcare records in a single repository.

The Infrastructure

Oracle's SPARC T-Series servers running Oracle Solaris are ideal for mission-critical applications that require high performance, best-in-class availability, and unmatched scalability. SPARC T-Series servers running Oracle Solaris Cluster software provide a scalable and secure platform for running the StorageTek Storage Archive Manager software. Oracle Solaris Cluster is a comprehensive HA and disaster recovery (DR) solution for Sun SPARC and x86 servers. It supports a broad spectrum of Oracle technologies and is the only HA solution that integrates with Oracle Solaris at the kernel-level, enabling faster failure detection for servers and storage.

Oracle's StorageTek Storage Archive Manager software provides a configurable file system with scalable storage, archive management, and retrieval capabilities. The software delivers dynamic management of data placement on appropriate storage based on policies. It also automates the migration of data to new devices to provide continuity to the archive through technology changes.

Oracle's Sun ZFS Storage Appliance family delivers enterprise-class network attached storage (NAS) as well as Storage Area Network (SAN) capabilities with leading Oracle integration, simplicity, efficiency, performance, and TCO. The appliances utilize flash-enabled Hybrid Storage Pools to accelerate I/O response time by automatically placing active data in flash drives that offer very low latency. Sun ZFS Storage Appliances have demonstrated clear leadership in price/performance in audited SPC-1 and SPC-2 benchmark results¹. Oracle's Pillar Axiom 600 storage systems are based on a highly scalable Storage Area Network (SAN) architecture that can scale performance and capacity independently. Pillar Axiom's unique Quality of Service capability enables the storage system to align storage resources as needed to provide guaranteed service levels for critical tasks requested from the StorageTek Storage Archive Manager software.

Oracle's StorageTek tape solutions provide extremely cost-effective long-term storage and data protection as part of the tiered storage architecture. Their performance and capacity is enhanced by the StorageTek T10000C tape drive, which delivers leading throughput and capacity, storing up to 5.5 TB of uncompressed data in a single tape cartridge. The efficiencies of the T10000C tape drive help improve I/O throughput while also enabling a high-density, low-cost tape archive. With no impact on performance, StorageTek Data Integrity Validation assures data availability through its complete lifecycle.

¹ Oracle Sun ZFS Storage 7420 SPC-1 results as of October 3, 2011 available at http://www.storageperformance.org/results/benchmark_results_spc1/#spc1. Oracle Sun ZFS Storage 7420c SPC-2 results as of April 12, 2012 available at http://www.storageperformance.org/results/benchmark_results_spc2.

Reduced Implementation and Operation Risks

The Oracle Optimized Solution for Lifecycle Content Management leverages real customer experiences and has gone through extensive testing within the Oracle engineering labs resulting in a pre-tested, optimized, and validated configuration that can significantly reduce the initial design and architecture phases as well as the time-consuming effort of integrating and testing a stable production-ready configuration. Oracle Optimized Solutions shorten design, build, integration, and validation schedules so they are up to five times shorter than conventional deployment methods. In this way IT staff can spend more time on strategic projects, reduce IT project backlog, and get to deployment and revenue generating value more quickly.

Getting Started

The Oracle Optimized Solution for Tiered Storage Infrastructure is just one of many optimized solutions Oracle offers. Oracle's expertise – based on working with thousands of customers and one of the largest engineering organizations in the world - can help you build a business case and create a road map with migration plans for enhanced IT stability and performance. You can also leverage the global network of Oracle Solutions Centers to do performance testing or run a proof of concept within a controlled environment. Oracle Advanced Customer Support Services offers mission critical support services from installation, configuration and performance reviews to dedicated advanced support and preventative monitoring.

Innovative financial offerings such as the [Oracle Upgrade Advantage Program](#), which provides trade-ins on existing Oracle and non-Oracle systems, and [Oracle Financing](#) enable you to take on new projects faster and lower upfront cost.

Contact Us

For more information about the Oracle Optimized Solution for Lifecycle Content Management, visit us at oracle.com/optimizedsolutions or call +1.800.ORACLE1 to speak to an Oracle representative.



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Hardware and Software, Engineered to Work Together