sgi™

SGI™ Digital Library Solution

With Informix® Media360™

Benefits

- Full vertical movement and arbitrary grouping of all asset types and metadata within a collection

- Flexible management of a wide variety of content

- Ability to create effective workflows in data-intensive environments

- Flexibility to select a variety of internal and external storage options

- Easy accessibility through advanced indexing and cataloging

- Ease of use for nontechnical personnel

- Increased productivity through low-resolution browsing functionality
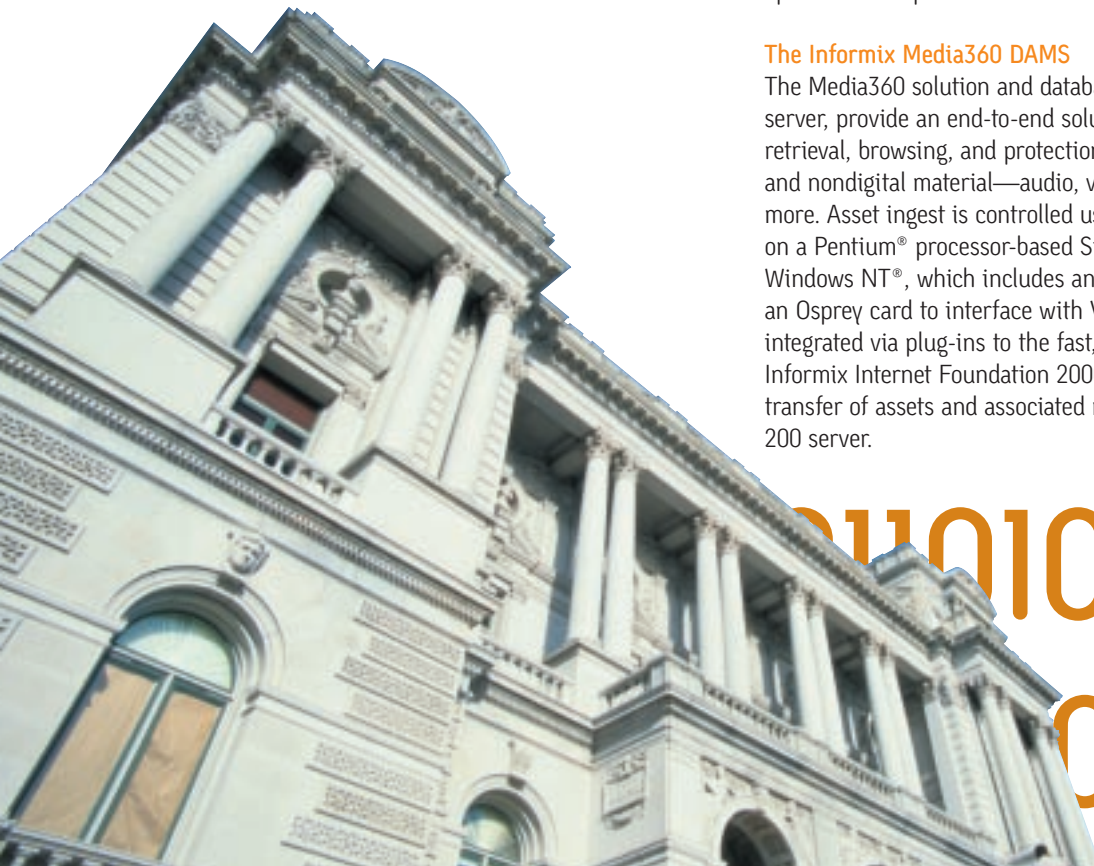
The Power of the Digital Library

To thrive in the information age, companies must have control of their data, from video and audio to business documents and images. To address this vital business need, SGI has joined forces with database industry leader Informix to create the SGI Digital Library solution with Informix Media360. This powerful solution combines the performance and proven reliability of the SGI™ Origin™ 200 server with the robust flexibility of the Informix Media360 Digital Assets Management Solution (DAMS). The result is a system that gives editors and content managers the ability to process digital media throughout its entire life cycle: from digitization, indexing, cataloging, and metadata creation to storage and delivering content over an intranet or the Internet.

High-Performance SGI Origin 200 Server

The powerful SGI Origin 200 server delivers optimized media distribution solutions in a scalable, yet incredibly reliable package. Based on the industry-leading ccNUMA architecture, the SGI Origin 200 server offers rack-based multiprocessing power that grows with your business. It provides interoperability support for serving multiple platforms and Fibre Channels for high-bandwidth data streams, hosting the Media360 software and acting as a Web server in the Media360 configuration. Embedded environmental sensors and IRIS FailSafe™ technology ensure uninterrupted operation on a proven server that keeps digital content flowing.
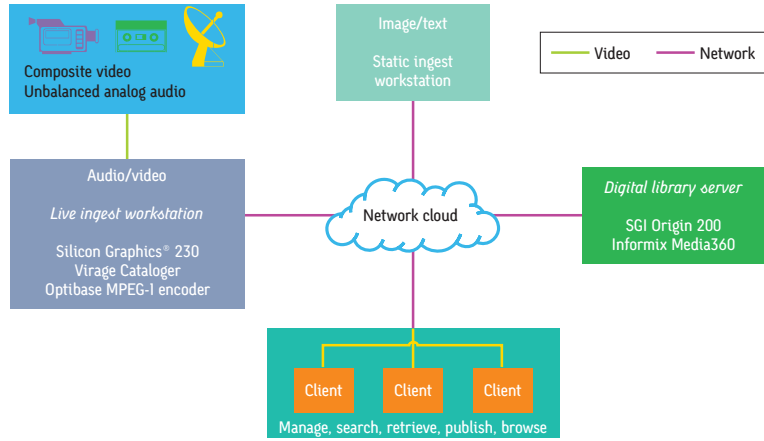
The Informix Media360 DAMS

The Media360 solution and database, which reside on the SGI Origin 200 server, provide an end-to-end solution that handles all of the storage, retrieval, browsing, and protection of any media asset, including both digital and nondigital material—audio, video, Web pages, maps, 3D imagery, and more. Asset ingest is controlled using Virage content management software on a Pentium® processor-based Silicon Graphics® 230 workstation running Windows NT®, which includes an OptiBase Moviemaker encoder card and an Osprey card to interface with Virage. The ingest workstation is fully integrated via plug-ins to the fast, flexible, object-relational database Informix Internet Foundation 2000, which in turn provides instantaneous transfer of assets and associated metadata into Media360 on the SGI Origin 200 server.

Composite video
Unbalanced analog audio

Image/text
Static ingest workstation

Video — Network

Audio/video

Live ingest workstation

Silicon Graphics® 230
Virage Cataloger
Optibase MPEG-1 encoder

Network cloud

Digital library server

SGI Origin 200
Informix Media360

Client   Client   Client

Manage, search, retrieve, publish, browse

Industry-Specific Customization and Ease of Use

The SGI Digital Library solution can be configured to meet the specific needs of any organization in any industry, providing both out-of-the-box functionality and user interfaces that can be easily customized for unique applications through the Media360 Java™ Runtime Environment and XML programming. The indexing and cataloging features maximize large stores of digital assets. Editors may access and modify content via an EDL (edit decision list), and even non-technical personnel can run fast and effective searches and retrievals on digitized information collections, taking advantage of Java language—based, low-resolution browsing capabilities to access high-resolution intellectual assets. Data storage can be handled by customized RAID configurations, but a number of other forms of external storage/retrieval are also supported, from automated tape libraries to nondigitized, offline resources.

Complete Digital Library Solutions for Your Organization

SGI Professional Services gets you up and running with the digital library you need to meet your business goals. We offer fast, cost-effective, high-end digital asset management solutions supported by expert consulting services and staff training programs to enable the knowledge transfer process. Providing industry-specific consulting, expert technology services, and ongoing support operational services, SGI addresses your most complex asset management challenges to help you achieve long-term success.

Contact your SGI representative or your local sales office for more information, or visit our Web site at *http://ps.csd.sgi.com/consulting/index.htm.*

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