



Insight from Luna Imaging

The Power To Build, Manage And Share Your Digital Collections



Key Highlights

Company

Luna Imaging, Inc.
www.lunaimaging.com

ISV Overview

Founded in 1993, Luna Imaging is a respected leader in the digital imaging field

Key Industry Needs

A new generation of media software that ensures flexible, distributable and scalable access to digital collections from anywhere.

Solution

Luna Imaging produces the Insight Software Suite, which provides a complete visual environment for cataloging and working online with high-resolution images and data from anywhere at anytime. In addition, Luna Imaging provides the highest quality scanning services at the most competitive rates to convert collections into digital form.

Key Business Benefits

Luna Imaging has built a solid reputation working with some of the most prominent and demanding museums, archives, universities, and other organizations from around the world to create high quality digital image collections, along with the tools for working with these important resources.

Sun and Luna Imaging

The fact that about half of Luna's customers run on Sun reflects their confidence in Sun's ability to provide an available, reliable, and dependable hardware platform.

Products

The Insight Software Suite
Collection Hosting
Digitization and Consulting



The company was founded in 1993 with support from the J. Paul Getty Trust and the Eastman Kodak Company. Luna Imaging Inc. enables museums, libraries and archives to build and distribute high-quality visual collections in digital form and provides sophisticated software to manage, access, and use image collections over the Internet. Luna has worked with some of the most prominent and demanding museums, archives and universities around the world.

Solution Overview

Luna's flagship product, the Insight Software Suite, revolutionizes the way leading educational and cultural heritage institutions archive, research, teach and distribute digital content. Its award-winning features empower users to build dynamic digital collections of any size and manage, access, use and present those collections over a network or the Internet.

Unique to Insight is a rich toolset for working with images and media, including zooming on image details, conducting side-by-side comparisons, annotating images and more. Complete cataloging data accompanies every image, allowing for simple to more in-depth searches across one or multiple collections, no matter where they reside. Insight interoperates with Blackboard and other eLearning applications.

Clients:

- Insight Browser and the Insight Java Client represent the core of Insight. They provide the end-user interface for searching, viewing, and managing images, audio, video, and other media.
- Inscribe offers superior media display tools for cataloging directly from the digital image, and for linking images with data records. Inscribe's customizable data entry forms support a wide range of cataloging requirements and metadata schemas, and provide productivity tools like support for optional vocabularies.
- Insight Studio makes collection building quick and easy. Select from the templates provided, or build your own. Custom templates can also be shared with the Insight Community. Batch process media and create derivative image formats including JPEG2000. Share Studio throughout your institution for distributed collection building.
- Built into the Insight Java Client, Personal Insight revolutionizes how digital libraries are being built and used. With Personal Insight, users can catalog and build their own personal collections. With simple drag and drop functionality and step by step instructions, Personal Insight makes collection building a snap. Unify institutional, community, and personal content within one easy-to-use interface.
- The Insight Administrator Tools allow a collection administrator to dynamically manage collections and allow for multiple user access levels.

Server Components:

- The Insight User Manager functions as a single point of entry for all Insight Collection and Personal Insight Managers. It consolidates the functions of authentication and authorization for all shared resources within Insight.
- The Insight Collection Manager provides a common interface between client requests and the underlying data repository. Each Collection Manager may contain multiple collections and Virtual Collections of consistent or heterogeneous structures.
- The Personal Insight Manager, a specialized version of the Collection Manager, supports the creation of Personal Collections with the Insight Java Client.
- The Insight Media Manager is built around a basic JSP Server, and manages access to Insight's media content. The Media Manager supports direct upload of processed content, optional upload of source content, and also manages access to the JPEG2000 wavelet images that power Insight's Image Workspace.
- The XML Gateway provides a Web-services-based interface for searching and retrieving content stored within Insight collections. The XML Gateway is middleware that allows back-end interaction between Insight and other XML-aware applications.
- Insight has a utility to generate a static OAI repository for any or all Insight collections in accordance with OAI guidelines.

Benefits

Insight's component-based, multi-tier

architecture enables organizations to meet varied and changing requirements for managing and deploying collections over the Internet. Insight can as easily address configurations that distribute functions and resources over multiple, international sites, as it can address the requirements of organizations providing centralized access from within a local intranet.

Major changes in the distribution of resources can be accomplished by simple changes to system profiles, without interruption of user services. Insight anticipates scaling, segmenting content, mirroring, and system expansion for the enterprise. Luna's Java™-based applications and attention to platform independence ensures the maximum flexibility in an organization's choice of system hardware and software.

Luna Imaging also provides complete digitization services, beyond the scope of typical scanning vendors, that create lasting digital archives. Luna consistently employs the most up-to-date equipment and image processing power to handle the largest image collections.

Insight Software Suite on Sun

Luna's applications are Java-based and run on the Solaris™ 10 operating environment. The fact that about half of Luna's customers run on Sun reflects their confidence in Sun's ability to provide an available, reliable, and dependable hardware platform.

Sun is a recognized leader of open standards and architectures. With over 600 innovations and the best UNIX® to Linux interoperability, Solaris 10 sets a new benchmark for operating system performance, vendor neutrality, and security.

Drake Zabriskie, Luna's CTO, is a busy man with ongoing product development and client satisfaction accounting for much of his day. When providing technical support

to the sales team some of the best news he can hear is that the proposed Insight implementation will be on Sun, knowing that his involvement in the sales cycle will be reduced. In fact, Luna hosts client collections on their new Sun SPARC Enterprise T2000 Server.

Representative Luna higher education customers include:

- Birkbeck College, University of London
- Colby College
- Columbia University
- Cornell University
- Latrobe University
- New School University
- New York University
- North Carolina State University
- Rutgers University
- Stanford University
- University of Delaware
- University of Kansas
- University of Manchester

Sun Education and Digital Repositories

Sun enables library and digital repository customers to build secure, scalable, open environments for knowledge development, discovery, management, and sharing. Sun has over a decade of experience collaborating with library solution vendors, national and state libraries, museums, government agencies, academic institutions, and public libraries and consortia. In partnership with our customers, Sun has developed technology architectures for longterm preservation and archiving, eResearch collaboration, thin client deployment, and ubiquitous access to digital repositories and web content.

To find out more about Sun's technology and solutions for Education and research, visit www.sun.com/edu

