Central Library

Central Library is the server foundation of MDL Information Systems' solution for combinatorial chemistry, providing enterprise-wide information management for chemical libraries.
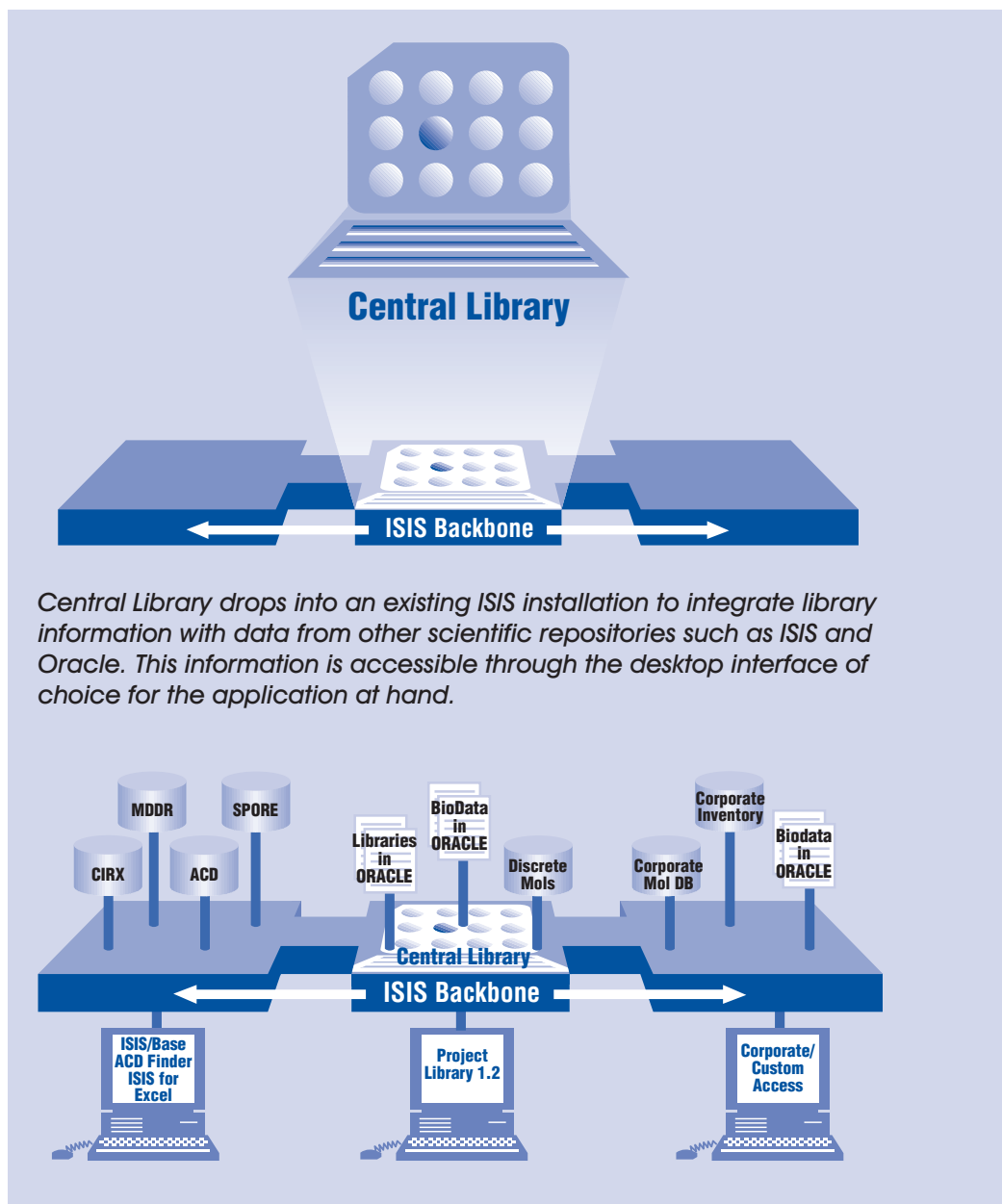
A drop-in addition to the ISIS backbone, Central Library offers integrated access to chemical libraries, single molecule repositories, and corresponding biological and administrative data. Central Library streamlines the creation of new libraries by allowing direct and easy access to corporate and commercial databases, including MDL's Available Chemicals Directory (ACD), the industry choice for chemical supplier information.

Central Library integrates data stored in Oracle and ISIS so that research organizations can avoid the issues associated with duplicate systems and at the same time leverage their prior investment in software and expertise. As a result, with Central Library, organizations can keep their legacy systems even as they make more use of relational and object-oriented technology.

Central Library is a scalable client/server system that supports the individual researcher as well as the organization. Built on ISIS technology, Central Library delivers the flexibility required of today's laboratory support systems. Central Library can be integrated with other MDL tools as well as third-party and custom-built tools. Adaptable to a variety of workflows, Central Library supports the work of library planning and facilitates the logistics of library synthesis.
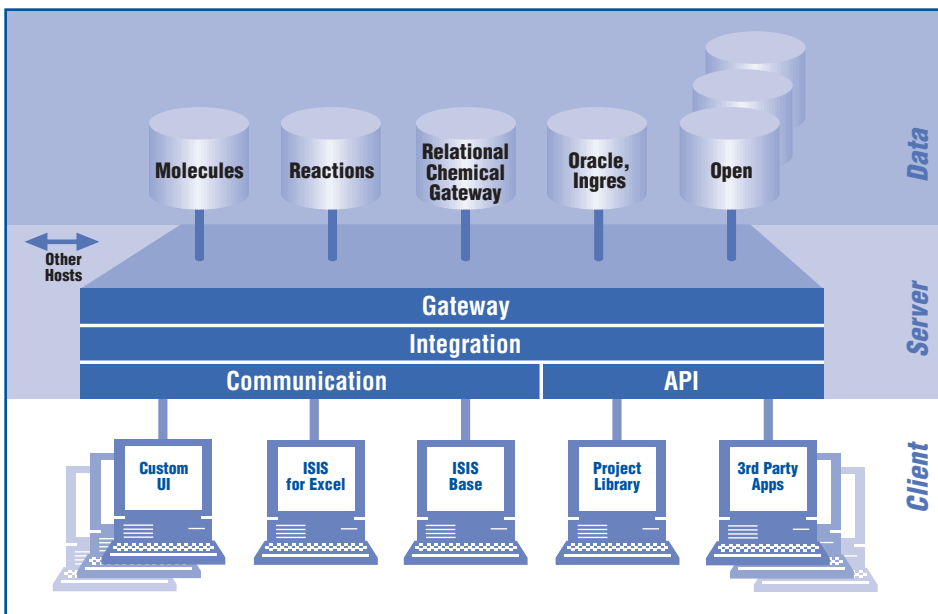
About Central Library

- **Centralized, multi-user registration system for chemical libraries**
  Allows desktop access to combinatorial chemistry data from MDL's Project Library, ISIS/Base, ISIS for Excel, third-party and custom applications.

Central Library drops into an existing ISIS installation to integrate library information with data from other scientific repositories such as ISIS and Oracle. This information is accessible through the desktop interface of choice for the application at hand.

- **Supports local and remote databases**
  Provides a single management tool for individual and workgroup projects, and for corporate information.

- **Links chemical libraries with assay data**
  Library and individual structures are integrated with biological data.

- **Complete library management system**
  Allows precisely controlled enumeration of library structures and tracks relationships between library members.

- **Simplifies library planning**
  Direct access to ACD and corporate reagent databases provides researchers with all available information for project planning.

- **Built on ISIS and Oracle technology**
  Commit/Rollback, security, and audit features ensure data integrity.

MDL®
Information Systems, Inc.

Central Library extends ISIS technology to the realm of combinatorial chemistry and high volume synthesis. Together, Central Library and ISIS integrate library information with the larger corporate information infrastructure.

System Requirements

Client
- Microsoft Windows 3.1 or higher
- Macintosh System 7.0 or higher

Server
- Digital's Open VMS alpha 6.1
- SGI R4000 or later, with IRIX 5.3
- ORACLE

About MDL

MDL Information Systems, Inc. is a leading provider of integrated solutions that accelerate high-throughput discovery and development in the life science and chemical industries. Our software systems, databases, and services help customers manage, communicate, and analyze the volumes of data associated with modern R&D workflows. With applications supporting chemical and biological information management, bioinformatics, automated synthesis and screening, and materials science, MDL is committed to keeping pace with new technologies in the pharmaceutical, chemical, and biotechnology industries. MDL has offices worldwide with headquarters in San Leandro, California.