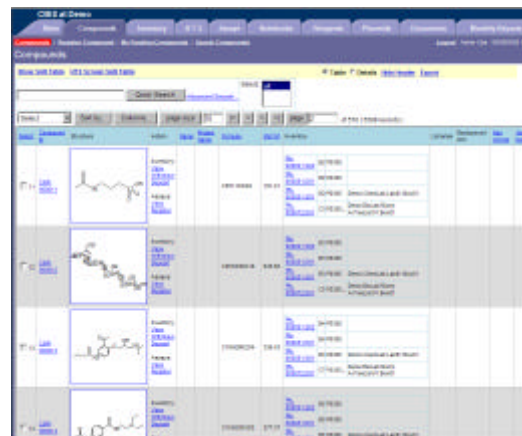# CBIS ™

CBIS is a Web-based application framework combining the latest data management technologies and powerful tools. It provides integrated and customized solutions for managing your chemical and biological data.

Customized & Integrated Solutions for Data Management

- Synthesis Cloning
- Experiments
- Assays
- Workflows
- Collaboration
- Registration
- E-Notebook
- Data Analysis
- Project Management
- Report Generation
- Inventory Management
- Data Collection
- Data Mining
- Document Management

CBIS enables your company to:

- Dynamically link, manage and use chemical, biological, and other types of data through the Internet/Intranet using a single User Interface.
- Quickly search structures, sequences, assays and property data in all corporate databases, including pictures embedded in Word Documents.
- Choose any of the CBIS modules that are complementary to your existing systems. Customize modules according to your requirements.

CBIS Features and Benefits

Areas	Highlights
Compounds	▪ Register compounds, salt forms, and background information. ▪ Calculate and store various types of properties. Automatic IUPAC name assignment. ▪ Search by structures, properties. Links to E-Notebooks, Assays, Inventory.
Bio-Materials	▪ Manage databases of cells, plasmids, cosmid libraries, genomic DNA, enzymes, and other biomaterials. ▪ Integrated with Sequence 4-D. Store vector maps, cloning schemes, inheritance. Search sequences and properties.
Inventory Management Reagents	▪ Inventories of compounds and biomaterials. Integrated with purchasing, EHS management. ▪ Container-based. Combined deposit and QA/QC control process. Print and scan **barcodes**.
Assays	▪ Support multiple assay types. Response curve fitting, EC50/IC50 determination. ▪ One-button click to create **SAR Tables**.
HTS	▪ HTS compound and plate registration. Inventory tracking. Plate reformatting. ▪ Primary screen, secondary screen. Data validation and QC customization. Automatically calculate assay results.
E-Notebooks	▪ **Chemical Reactions**, **Cloning Schemes**, and other types of experiments. ▪ Store experimental data files. Built-in calculators for scientists. Print pages for physical notebooks. ▪ Automatically link to other databases (Compounds, Plasmids, Inventory, etc).
Documents Reports	▪ Manage all types of documents: Word, PowerPoint, PDF, Images, experimental data files and more. ▪ Support Workflows & Organizational Units. Registration and Approval processes. Extract data from Word documents. ▪ Search structures, sequences, properties and text in Word documents.
Sequence 4-D	▪ Draw vector maps and cloning schemes. Full control of graphic display for features, enzymes. ▪ Publish graphics with embedded sequence data. Restriction analysis, ORF, translations, property calculation. ▪ Visually merge multiple vectors simultaneous. Automatically track inheritance information.
Chem 4-D	▪ Draw structures, reaction schemes. IUPAC name assignment and interpretation. Mass Calculator. ▪ Publication-quality graphics. Store all types of pictures in databases.
User Access Control Workflows Collaboration	▪ Secured database access. User account management. Integrated with Active Directory. Support Organizational Units. ▪ Flexible control of user Read/Write accessibility of databases, records, and pages. ▪ **Workflows** for any type of items in databases. Check-in and checkout. Integrated email notification process.
EHS Management	▪ Manage reagents, solvents, biomaterials and waste containers. ▪ Material Safety Data Sheet. Location & Amount Tracking, Report of Safety Data for meeting regulations.
Integration	▪ Integrate with your existing data. Links to existing tools, systems and databases. ▪ Support multi-sites, multi-databases. Support SQL Server, ORACLE, MySQL and ODBC database servers.
Competitive Strength	▪ Fully-customized Web solutions within a very short-time. Secured Web access. Support all types of data.

Please call for more information, Web Demo, on-site demonstration

ChemInnovation Software, Inc. 7966 Arjons Drive Suite A-201, San Diego, CA 92126, USA
Email info@cheminnovation.com URL http://www.cheminnovation.com

Phone (858) 780-0371 Fax (858) 780-0372