

ACCORD INVENTORY

Accord Inventory™ brings together compound and plate management capabilities for seamless integration with high-throughput screening workflow - increasing throughput for discovery and reducing R&D costs.

EFFECTIVE MANAGEMENT OF SAMPLES, CONTAINERS AND REQUESTS

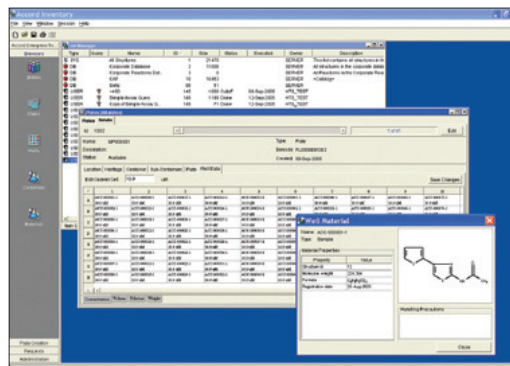
- Increases throughput by managing samples and reagents from the time you get them to disposal
- Helps avoid stock-outs and duplication in planning and purchasing, by monitoring all plates and containers and their location, properties and heritage
- Facilitates HTS protocols with powerful, flexible plate management
- Uses open Oracle® data storage to add compound management to your discovery informatics architecture

DRIVING THROUGH DISCOVERY BOTTLENECKS

Inventory management can be a major bottleneck in discovery. No matter how fast synthesis can be done, no matter how fast compounds are tested, no matter how quickly technology can provide answers to questions — without improving the way compound inventory is managed, time and business opportunities can be lost.

Accord Inventory™ provides effective management of your discovery inventory, supporting high-throughput processes for chemistry and screening to increase productivity and reduce costs. By knowing what compounds are available and where, scientists, team leaders and stockroom managers can immediately find what they need, when they need it.

An add-on to the proven discovery informatics backbone in Accord Enterprise Informatics, Accord Inventory brings together compound and plate management capabilities to offer seamless integration with high-throughput screening protocols.



Flexible plate management provides powerful links with screening.

ACCORD INVENTORY OFFERS:

- **Advanced Searching** - Search available compounds, building blocks and reagents by structure, substructure and datafield to check location and availability. Use proven Oracle-based search tools to find hits in screening, then cherry-pick samples for secondary testing.
- **Entity Tracking** - Track reagents and testable entities from receipt to disposal for stock levels, freeze-thaw cycles, waste reduction, and complying with regulations. Manage in-house compound repositories as well as accessing catalog information.
- **Sample Preparation** - Speed sample preparation and formatting in a range of containers, track storage conditions, heritage, and locations. Define standard protocols for container registration.
- **Plate Management** - Create or reformat screening plates from your compound selection using user-defined protocols, plate templates and wizards. Our flexible approach supports a full range of formats including vials and both microtitre and deep well plates. Advanced plate management maintains parent-child plate relationships and tracks plate processing, e.g. freeze-thaw cycles.
- **Request Management** - Select target samples or reagents and then submit and track requests and fulfillment for any compound in any format for synthesis, screening, etc.
- **Customization** - Tailor Accord Inventory to support your research work processes. Javabased architecture offers flexibility to add new capabilities like custom searching and reporting, and web-based access to Accord Inventory records, such as container data and request information, can be implemented via the Accord Enterprise Webkit. Talk with our experienced sales and support professionals about integration with robotics, your specific workflow needs, and compound stores.

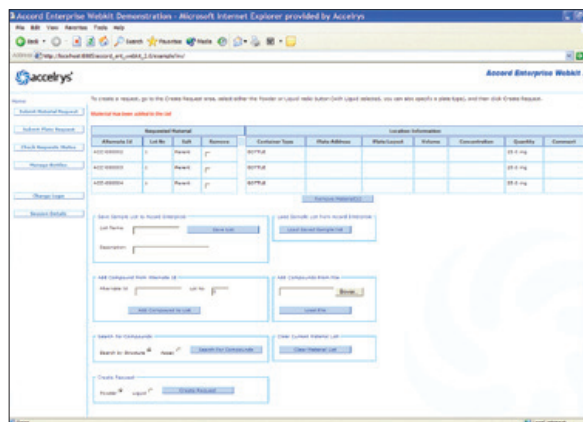
WEB-BASED MATERIAL REQUESTS

The Accord Enterprise Webkit is a JavaServer Pages™ (JSP) – based toolkit used for building webbased applications that are easy to deploy and use. It is supplied with a number of example web applications to illustrate its capabilities, including a

sample inventory web application designed for use with Accord Inventory. This sample inventory web application enables Accord Inventory users to:

- Identify individual samples or create lists of materials stored as powders or liquids needed for experimental testing and analysis and request their delivery from stock to a specific location.
- Create a list of sample plates for delivery from a corporate stock room to a specific location in the requested format (e.g. 384 or 1536-well) for synthesis, screening, analysis etc.
- Track and monitor the status of individual requests and cancel material deliveries that are no longer required.
- Create new bottles of material and register them into Accord Inventory
- Search for containers, materials, bottles and plates that meet specific criteria for use in experiments.

The sample Inventory web-application provides an interface that all Accord Inventory users can use to submit material requests. Since the application is built using Accord Enterprise Webkit technology, the interface can be extended and customised to provide access to other Accord Enterprise Informatics functionality as required. Simple both to use and deploy, the Accord Enterprise Webkit provides an easy access interface for Accord Inventory users than can be deployed rapidly and used with minimal training.



Creating a list of materials to request for delivery for use in an experiment using the sample web-based Accord Inventory application from the Accord Enterprise Webkit.

CAP

CAP (Chemicals Available for Purchase) is a relational database compiled from many different chemical suppliers' catalogs. Data is organized by taking a compound-based approach in which each chemical structure is linked to its suppliers and to the product information that they provide, such as physical properties, prices, and purity. CAP can be loaded into Accord Enterprise Informatics in order to provide users of Accord Inventory with a frequently updated catalog of commercially available compounds from a wide variety of vendors. Once loaded, CAP may be searched by using any of the powerful query tools that are available in Accord Inventory, allowing you to rapidly locate commercial compounds or reagents of interest for ordering and restocking purposes.

OPEN ORACLE ARCHITECTURE

Accord Inventory is the latest addition to Accord Enterprise Informatics, which offers compound registration, screening management and data processing with Accord HTS™ and Accord for Excel Enterprise. Our comprehensive discovery information management solutions provide:

- Power to manage all types of discovery data - chemical structures, chemical properties and biological assay data.
- Effective communication of data among team members - by integrating project data through an enterprise data management platform.

With a flexible Java user interface to access discovery data in an open Oracle environment, Accord Inventory is a key part of Accelrys multi-user Accord Enterprise Informatics backbone, providing seamless access to discovery data and optimizing information flow between research teams.

To learn more about Informatics, go to accelrys.com/informatics