



Use Case 3: Receiving Compounds from a CRO

How to Effectively Manage Work Request Management, Compounds and Related Sample Data Between CRO and Pharma Company.

Provide a better collaboration platform for working with CRO network. Eliminate multiple workflow tools and a series of systems that require CROs to work in multiple systems to load data

- Increase Efficiency
 - Streamline overall workflow processes to provide a single solution for the receipt of new compounds
- Effective Project Management
 - Enable internal scientists to understand both the status of the work being performed as well as view the experiments executed by the CRO in near real time

Arxspan's Workflow platform with the Arxspan Inventory module provides effective compound storage solutions. Arxspan works with clients to migrate existing inventory data into our cloud-based platform. Arxspan Inventory system provides:

1. Location Management
2. Container Management
3. Role based Privileges based on user role, organization
4. Workflow for replenishment of Inventory
5. Secure access for appropriate users to sample, dispose and create new items in inventory

Locations and containers provide an n-tier hierarchy of the available materials within the system

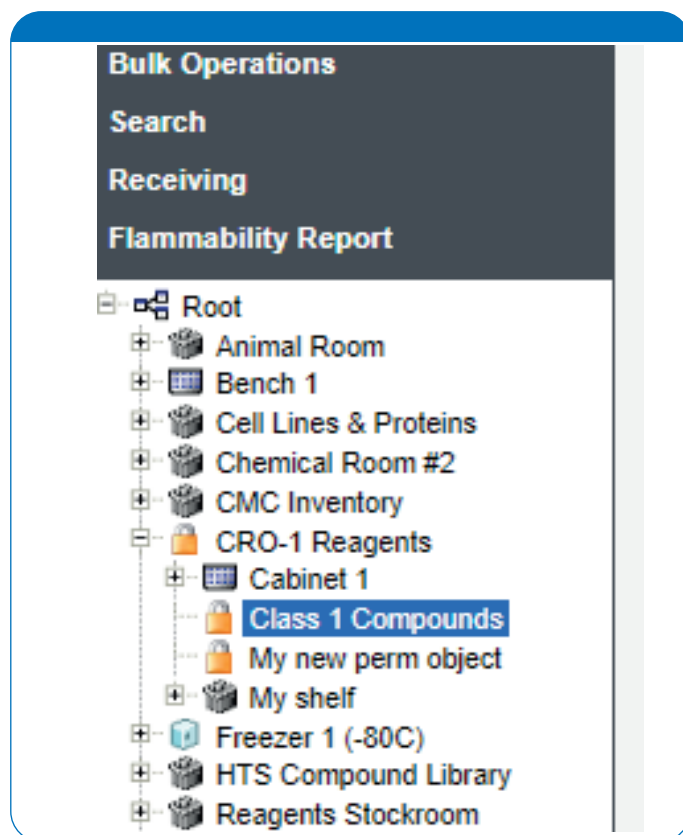


Figure 1. Hierarchical structure of the Inventory platform

The system provides an intuitive fields and forms management tool to tailor locations and containers to replace in-house storeroom solutions.

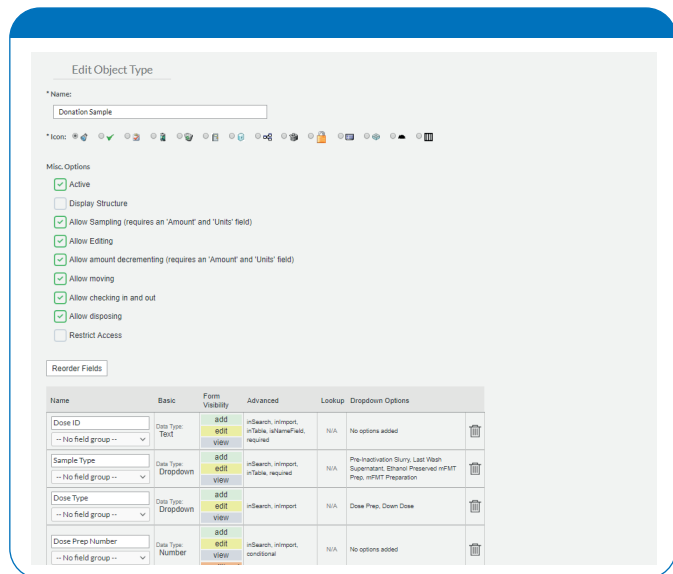


Figure 2. Configuration of The Inventory Platform

Once the system has been configured, additional access control can be added based on groups and roles.

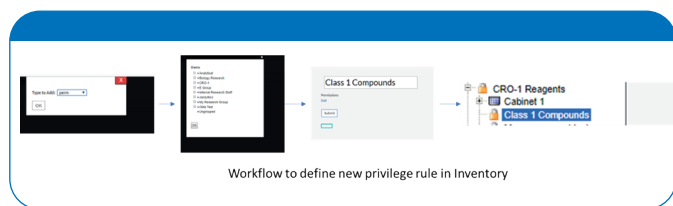


Figure 3. Process to add security to a location

Once the system has been configured, users search and view all items they have privilege to access.

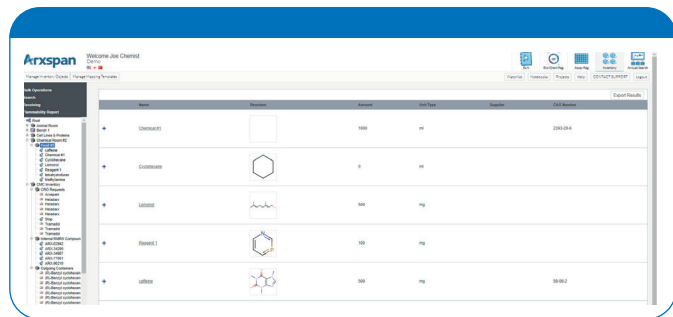


Figure 4. Inventory layout showing the contents of a locations

The system allows authorized users to aliquot, move, check-out and dispose a container

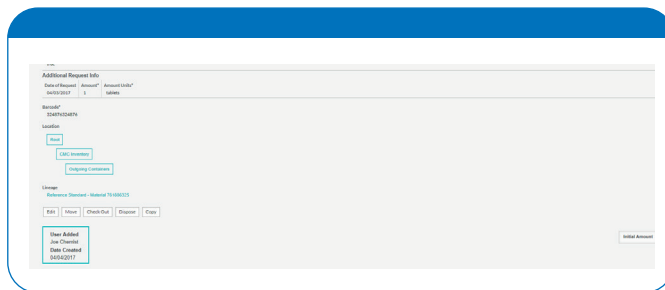


Figure 5. Actions available to a container in Inventory

The requesting of a compound is initiated within the Workflow Management system. The system allows for multiple forms to be configured for different request types. Access to these forms can be limited by user and group roles.

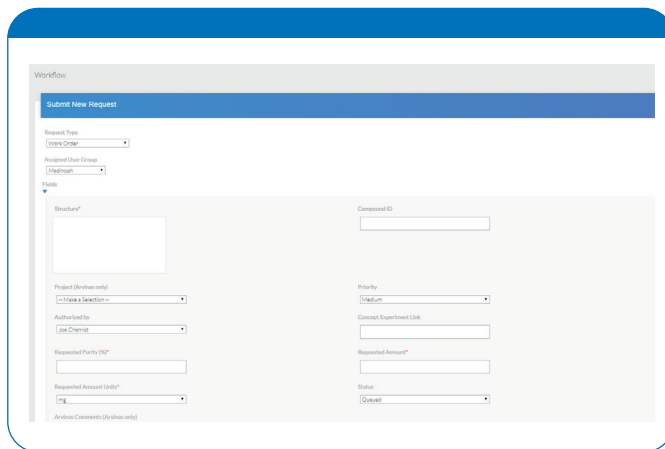


Figure 6. Workflow for (example) for Compound Request

The compound request form allows the user to search for available materials.

The system also provides information like structure (if supplied), available amounts, cost per unit, etc. within the compound request workflow form.

Once a compound is requested, the workflow form can require an approval before the inventory order is placed. This is done through the configuration interface of the workflow module.

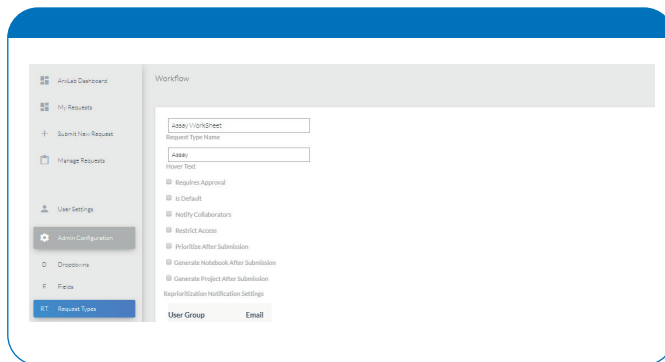


Figure 7. Current Configuration options for Workflow form

The end user will be notified whether a request has been approved or rejected. If the request has been rejected, the system provides a reason for rejection.

Once the form has been approved, the system provides fields to manage the information associated with the order (e. g. shipment date, Carrier Tracking No, ...) and can access the request through the shipment of the order to provide an update. If the request has been approved, the system can integrate with various internal systems as required to retrieve the appropriate templated information.

Read our related use cases:

- Use Case 1: Requesting Work from a CRO: Compound Synthesis and Related Sample Data Management
- Use Case 2: How to Custom Order Compounds from a CRO: Request and Shipping Management
- Use Case 4: Storing Experimental Pharmacological Data in an Assay System
- Use Case 5: Managing experimental results data from CRO
- Use Case 6: Simplifying the Administration of your enterprise systems



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