



Client Requirement

- **Auto-shipment logic system** based on site recruitment potential, anticipated subject dispensation visits, and defined IMP low level triggers.
- **IP shipment workflow** to include details & online review of data-logger for cold chain transportation of expensive temperature sensitive chemotherapeutic drugs.
- Imaging portal to upload DICOM images for **timely review** by an independent central radiologist.
- Batch upload and download of **large size DICOM files** with ease over a secure platform.
- **Online completion of RECIST 1.1** form for objective assessment of change in tumor size and disease prognosis.
- **Auto-dose calculation and titration** based on subject demographic parameters
- **Structured archival** of all DICOM files in one database post completion of the project



Our Solution

Octalsoft successfully deployed the IWRS+IMAGING integrated system as per the client specifications. Octalsoft was able to:

- ✓ Provide automated shipment workflow with real-time inventory tracking and predictive re-ordering algorithms
- ✓ Balance the IP distribution by providing depot-to-depot & site-to-site transfer options. This feature helped the sponsor reduce overall wastage and manual efforts.
- ✓ Critical data logger information to suit their operational needs.
- ✓ Create a solution with complex dispensation logics, and auto-dose calculations including up & down titrations.
- ✓ Structure a user friendly UI to upload DICOM files from multiple menus' and detours with an intuitive color coding system.
- ✓ Introduce an online RECIST 1.1 form along with IMAGING Module for capturing in-system overall tumor response and disease progression.
- ✓ Manage costs by utilizing smart algorithms that helped the sponsor reduce the overall cost of IMP & trial supplies management

To know more,
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Module Features

- Complex randomization algorithm with stratification sub-sets
- Centralized DICOM image upload and archival
- Highly efficient and complete IP reconciliation
- Efficient dosage and compliance calculation for site users



PRE-DEVELOPMENT

01

SYSTEM DESIGN & DEVELOPMENT

02

SYSTEM VALIDATION

03

SYSTEM DEPLOYMENT & SUPPORT

04

Study Build, Validation & Deployment Process

- Real-time non emergent and emergent unblinding for PI
- Intuitive reports and data extracts for continuous data monitoring
- Effective IMP supply management process

Our Key Platform Bene-

Modularized & Integrated Platform With Single Sign In

Compliant With Highest Regulatory Standards

Unparalleled Customer Support

Easily Configurable

Cost Effective

Simple & Intuitive User Interface

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