



caBIG® Clinical Trials Suite 1.1 Released: The caBIG Clinical Trials Suite (CCTS) is an enterprise clinical trials system being designed primarily for use in trial sites. The suite is comprised of a collection of interoperable modules covering a broad range of key areas in cancer clinical trials management.

**Welcome to the caBIG® CTMS Knowledge Center**

## **What is the CTMS Knowledge Center?**

The caBIG Clinical Trials Management Systems (CTMS) Knowledge Center is an NCI-supported entity led by the Duke University Comprehensive Cancer Center, with Robert H. Lurie Comprehensive Cancer Center at Northwestern University, Cancer and Leukemia Group B, and SemanticBits. The CTMS Knowledge Center provides a centralized, authoritative repository of knowledge, information, and web-based support to facilitate the deployment and ongoing development of caBIG tools, standards, and infrastructure in the CTMS domain. Key services provided by the Knowledge Center include:

- Providing domain expertise related to clinical trials management systems
- Posting up-to-date installation packages for CTMS tools
- Maintaining technical and end-user documentation
- Fostering open source development of caBIG tools by the community
- Collecting and monitoring defect reports, feature requests, and end-user requirements

### **CTMS Workspace Community**

The Goal of the CTMS Workspace Community Wiki is to provide a forum through which information on the many current and past activities and projects can be shared. Comments and updates are welcome!

### **Workspace Topics**

#### **Business Architecture Modeling**

The objective of this effort is to identify the business use cases (activities), analyze the use cases and processes, and build a comprehensive business architecture model of the clinical research domain.

## **The caBIG Clinical Trials Suite**

CCTS is an enterprise clinical trials system being designed primarily for use in trial sites. The suite is comprised of a collection of interoperable modules covering a broad range of key areas in cancer clinical trials management. These include patient registration via C3PR, patient scheduling via PSC, adverse events reporting via caAERS, lab analysis via LabViewer, and clinical data management via C3D. Integration between these applications is centered around four key scenarios: Study Creation, Register Subject, Load Labs in CDMS, and AE-Triggered Schedule Change. The implementation is based upon the caGrid infrastructure with caXchange as the Enterprise Service Bus for reliable message routing and GAARDS providing robust security.

## **Cancer Adverse Events Reporting System (caAERS)**

*The Cancer Adverse Event Reporting System (caAERS) is an open source, standards-based, web application for documenting, managing, reporting, and analyzing adverse events (AEs). The system operates as both a repository for capturing and tracking routine and serious AEs and as a tool for preparing and submitting expedited AE reports to regulatory agencies.*

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## **Cancer Center Participant Registry (C3PR)**

*The Cancer Center Participant Registry (C3PR) is a web-based application used for end-to-end registration of patients to clinical trials including capturing the consent signed date, eligibility criteria, stratification, randomization, and screening, as well as coordinating multi-site clinical trial registration.*

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## **Patient Study Calendar (PSC)**

*A software product for creating and editing study calendar templates, tracking patient activities as they occur, and managing patient calendars during the conduct of a study.*

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## **LabViewer**

*Lab Viewer is a web based application developed by leveraging the SDK generated APIs of the CTODS Lab Domain UML model. Lab Viewer allows users to view laboratory activities that are stored in the CTODS Lab Domain database. Users are allowed to search the laboratory activity records by Patient Id, Study Id, Lab Start Date, and Lab End Date. Lab Viewer also allows users to send lab data in the form of XML messages*

via *caXchange*. The message type that can be sent is a *Load Lab Data* message to the local CDMS application (C3D) application.

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### **C3D Connector**

*A service wrapper for C3D, an NCI-supported Clinical Data Management System.*

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### **caXchange**

*Central hub for exchanging clinical trials information and integrating caGrid-based services.*

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## **Knowledge Center Forums**

Visit the [CTMS Forums](#) where you can ask questions about the CTMS Knowledge Center, CCTS, or the CTMS software tools.

## **Knowledge Base Articles**

Go to our [Knowledge Base Articles](#) to read about how to use the CTMS Knowledge Center tools and resources.

## **Knowledge Center Communications**

- [CTMS KC Kickoff Meeting](#)

## Related Links

- [CTMS Tool Landing Pages](#)
- [Using MediaWiki](#)
- [Link to CTMS Workspace Page](#) (On caBIG Community Website)
- [Link to Related Service Providers](#)
- [Link to caBIG Community Website](#)
- [Instructions for Editing the caBIG Website Tools Pages](#)

## Templates

- [Template:Background](#)
- [Template:Products](#)
- [Template:caBIG Service Providers](#)
- [Template:Article](#)
- [Template:FAQs](#)