*December 2012*

Monthly Technical Status Report

Subcontract Name: *caGrid Enhancement*

Subcontract #: *12ST1112*

Subcontractor: *Inventrio*

Submitted By: *John Eisenschmidt*

Date Submitted: *March 15, 2013*

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# Project Background/Objectives

1. Software Development to replace the Globus Axis stack with the WS\* and WS-Security and WS-Trust elements and to migrate to the SHA-2 Infrastructure,
2. Software Development to make registering a new service on caGrid much easier
3. Operations and Maintenance of the existing software components.
4. Support the migration of the Training Grid from its current location to the NCI production environment
5. Support the migration of cagrid.org to the NCI wiki or NCI defined location
6. Support migration of code, issues, and documentation to an open source repository defined by the NCI

# Technical Overview

* Enhancements to most recent caGrid 1.4 release to support SHA2 and WS-Security
* Explore moving to caGrid 2.0 technology stack
* Ongoing Operations and Maintenance of caGrid 1.4 release

# Personnel Roster

Below is a list of team members supporting each subproject.

| **Subproject(s)** | **Name** | **Title / Role** |
| --- | --- | --- |
|  | John Eisenschmidt | Project Manager |
|  | Steve Langella | Software Architect |
|  | Scott Oster | Software Architect |
|  | Shannon Hastings | Software Architect |
|  | Dave Heisterberg | Software Developer |

# Current Technical Status

## Description of Technical Status

Project kick-off. Request of NCI accounts, access to NCI and caGrid.org wiki, NCI svn repository, et cetera.

## Completed Activities

Below is a list of activities completed this month for each subproject.

| **Subproject(s)** | **Activity** | **Description** |
| --- | --- | --- |
|  | Project Kickoff Call |  |
|  | Request for Accounts |  |
|  |  |  |

# Next Month Plans

## Description of Plans

* Complete NCI account setup and training
* Begin exploration of caGrid 2.0 technology stack
* Assessment of Training Grid and caGrid.org in support of their migration

## Planned Activities

Below is a list of activities planned for next month for each subproject.

| **Subproject(s)** | **Activity** | **Description** |
| --- | --- | --- |
|  | Complete NCI account setup and training |  |
|  | Explore move to caGrid 2.0 technology stack |  |
|  | Face-to-face kickoff meeting |  |
|  | Assess Training Grid and caGrid.org |  |

# Schedule management

## Milestones

| **Subproject(s)** | **Milestone** | **Delivery Date** | **Status** |
| --- | --- | --- | --- |
|  | Complete NCI account setup and training | TBD |  |
|  | Face-to-face kickoff meeting | TBD |  |

## dependencies

| **Subproject(s)** | **Dependency** | **Date** | **Status** |
| --- | --- | --- | --- |
|  | None |  |  |

## deliverables

| **Subproject(s)** | **Deliverable Name** | **Deliverable Location** | **Due Date** | **Date Updated** | **Status** |
| --- | --- | --- | --- | --- | --- |
|  | None |  |  |  |  |

# Communications Management

Below is a list of meetings attended this month for each subproject.

| **Subproject(s)** | **Topic** | **Date** | **Project Attendees / Link (Optional)** |
| --- | --- | --- | --- |
|  | Kickoff Call | December 14, 2012 |  |

# Issue Management

| **ID** | **Subproject(s)** | **Description** | **Owner** | **Actions** | **Priority (H, M, L)** | **Status (Open, Closed)** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | None |  |  |  |  |

# Risk Management

| **ID** | **Subproject(s)** | **Description** | **Owner** | **Potential Impact (H, M, L)** | **Mitigation/ Status** | **Priority (H, M, L)** | **Status (Open, Closed)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | None |  |  |  |  |  |