General

Introduction and Purpose

This document describes operational aspects of the ATOMS system. The information provided is limited to the functionality provided by ATOMS and does not include information provided in the contractor’s proprietary financial and task management system.

Acronyms

<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Definition</th>
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<tbody>
<tr>
<td>ATOMS</td>
<td>Automated Task Order Management System</td>
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<tr>
<td>TO</td>
<td>Task Order</td>
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<tr>
<td>TOR</td>
<td>Task Order Request</td>
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<td>TOP</td>
<td>Task Order Plan</td>
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<tr>
<td>SSWP</td>
<td>Supervisor Safety Web Page</td>
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<tr>
<td>TPS</td>
<td>The Portal System</td>
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<tr>
<td>NAMS</td>
<td>NASA Access Management System</td>
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<td>CO</td>
<td>Contracting Officer</td>
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<tr>
<td>COTR</td>
<td>Contracting Officer’s Technical Representative (now known as the Contracting Officer’s Representative)</td>
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<tr>
<td>MGT</td>
<td>Contract Management</td>
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<td>CTOPM</td>
<td>Contract Task Order Performance Monitor</td>
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<tr>
<td>PEB</td>
<td>Performance Evaluation Board</td>
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System Overview

Application Description

ATOMS provides an interface for processing of Task Order Requests and Task Order Plans as well as a module that is restricted to civil service access for input and reporting of information supporting PEBs and associated reviews. ATOMS interfaces with the contractor's task and financial management system for associated financial and other information. ATOMS data is limited to the PEB data owned by NASA. All other data is maintained in and provided by the contractor's system(s).

Application Structure

Computing Environment

Software Used: PHP 5.2.12, jQuery 1.11.3

Database: MS Access

Interdependencies: SSWP: Data identifying personnel and email

NAMS - Access approval/Active Directory

TPS - Roles/privileges
External database for Task, Cost, Estimate, Schedule, and charge code information

Limitation: No access limitations from NASA approved desktops

Backup and Recovery
Backup is provided per System Security Plan OA-0801-M-MSF-2707. Maximum data loss is less than 1 day’s transactions. Backups are weekly for full and daily for differential. Backups are retained for 90 days.

Application Logs
Standard client logging is implemented via the web server.

Network Topology
Entity Diagram

PEB
- Report Input
- Evaluation
- Reporting Section
- Acronym
- Adjective Rating
- Word Count

ATOMS

Corporate Data
- Task
- Cost
- Estimate
- Schedule
- Charge Code
Process Overview
TOR to TOP to TO Process and Application Flow
Remedial Action Process

Issue Identified during Approval Process

TOM coordinates remedial action with CTOPM and MGT, PCA adds task

New Resources Required?

Email Sent to COTR for Approval of Resources

COTR Approve Change?

Email Sent to CO for Approval of Resources

CO Approve Change?

Task Added
**Task Work Process and Application Flow**

1. Personnel commence work by assignments
2. Update Bi-Weekly Notes in ATOMS according to Schedule
3. Once all work has been completed on a certain personnel assignment, request closure from TOM

**Remedial Action Process**

- TOM Approve Closure?
  - Email Sent to CTOPM for Approval of Task Status
  - CTOPM Approve Closure?
    - Email Sent to COTR for Approval of Task Status
    - COTR Approve Closure?
      - Task Closed

**Bi-Weekly Notes Report Production**

- Inputs entered by employee into ATOMS for Bi-Weekly Notes Period
- Supervisor Compiles notes for group and edits as necessary, selects relevant notes
- Supervisor Approves the relevant notes and marks them for inclusion in bi-weekly report
- MGT Compiles notes marked relevant by Supv and edits as necessary, selects relevant notes
- MGT Approves the relevant notes and marks them for inclusion in bi-weekly report
- Bi-Weekly Report Run from system in MS Word format and distributed via email

**Quarterly Report Production**

- Supervisor Compiles notes for group and edits as necessary, selects relevant notes for QTRLY
- Supervisor Approves the relevant notes and marks them for inclusion in QTRLY report
- MGT Compiles notes marked relevant by Supv and edits as necessary, selects relevant notes
- MGT Approves the relevant notes and marks them for inclusion in QTRLY report
- QTRLY Report Run from system in MS Word format and distributed via email
Task Closure Process and Application Flow

All personnel assignments approved for Closure

Email Sent to MGT for final Contractor Approval of Task Status

MGT Approve Closure?

Email Sent to CTOPM for Approval of Task Status

CTOPM Approve Closure?

Remedial Action Process

Email Sent to COTR for Approval of Task Status

COTR Approve Closure?

Email Sent to CO for Approval of Task Status

CO Approve Closure?

Task Order Closed

Sub-Element Closure Process

All SE tasks approved for Closure

Email Sent to MGT for final Contractor Approval of SE Status

MGT Approve Closure?

Email Sent to CTOPM for Approval of SE Status

CTOPM Approve Closure?

Remedial Action Process

Email Sent to COTR for Approval of SE Status

COTR Approve Closure?

Email Sent to CO for Approval of SE Status

CO Approve Closure?

Task Order Closed
Task Order Closure Process

All Work Designated
Complete for TO, all
Sub-Elements
Approved for Closure

Email Sent to MGT
for final Contractor
Approval of TO Status

MGT
Approve
Closure?

Remedial
Action
Process

Email Sent to
CTOPM for
Approval of
TO Status

CTOPM
Approve
Closure?

Email Sent to
COTR for
Approval of
TO Status

COTR
Approve
Closure?

Email Sent to
CO for
Approval of
TO Status

CO Approve
Closure?

Task Order
Closed