

# Information Management

Project Status Report

October 3, 2006

# Introduction

- ◆ Workflow
- ◆ CST Applications
- ◆ TAP
- ◆ Remedy
- ◆ Leave/Travel
- ◆ Certificates
- ◆ DocDB
- ◆ Conference/Meeting Management
- ◆ Matrix Replacement
- ◆ Development Issues

# Workflow Tool

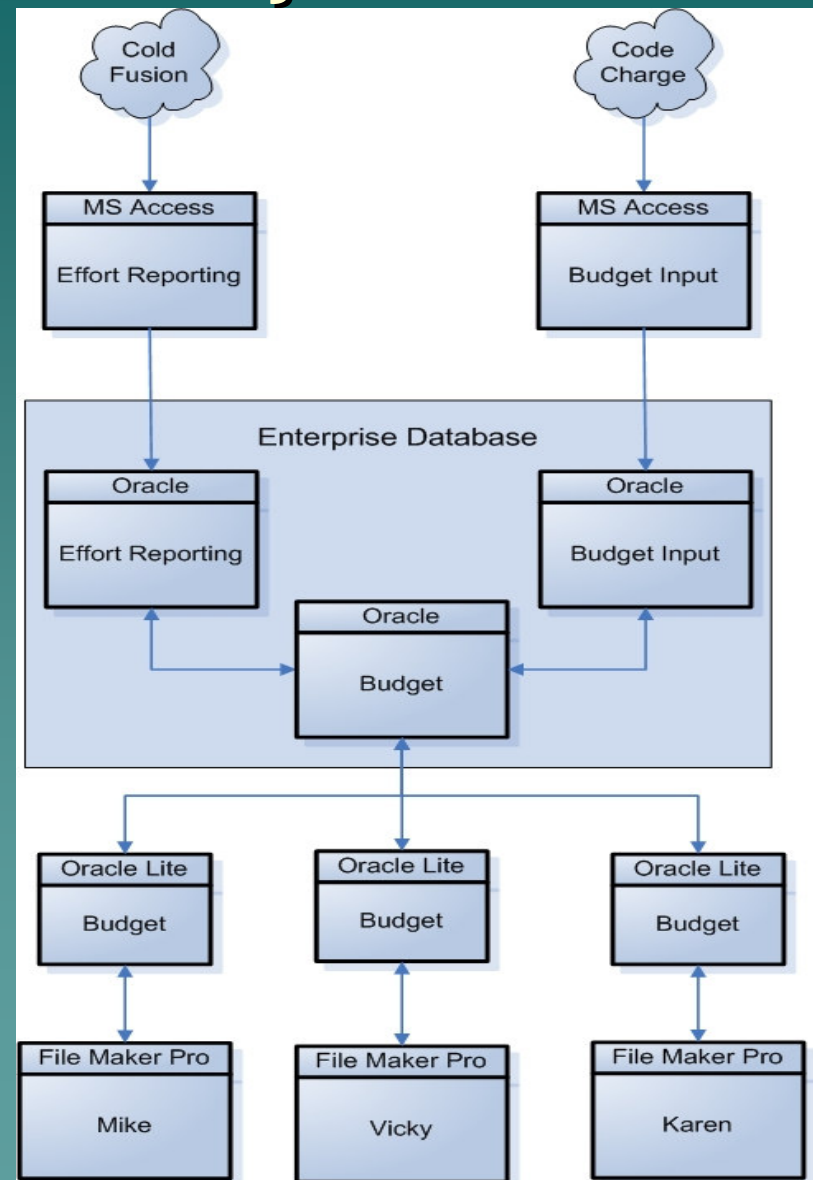
- ◆ AlphaFlow in production
- ◆ Piloting Leave/Travel requests
- ◆ Replacement for Matrix

# CST Applications

- ◆ FCIRT Ticket Tracking – ready for production
- ◆ Risk Analysis
  - Maintenance screens in production
  - Questionnaire ready
    - ◆ waiting on Oracle to Postgres DB link
    - ◆ baseline questions not in database

# Task, Activities & Projects

- ◆ Oracle Workbench – a tool to convert non-Oracle databases to Oracle
- ◆ Eliminate MS Access after the FY2007 budget input process
- ◆ Data moved, application accessing Oracle, fixing a few “complex” access views.
- ◆ Redesign if sufficient resources are available



# Remedy

- ◆ Rebuilding the HD form and CGI
  - Reorganizing the PTIs for better metrics
  - Automatic assignment based on PTI
  - Automated email processing to ease workload on helpdesk personnel
  - CGI to run on the central web server and it will not rely on any DB
- ◆ Evaluating Footprints as a replacement for Remedy
- ◆ Interface with MISJOB

# Leave / Travel

- ◆ First application to use AlphaFlow (workflow)
- ◆ Phase I (simple leave requests) and Phase II (domestic travel) in pilot testing (CSI & Program Support)
- ◆ People submitting leave requests can authenticate in three ways:
  - KCA certificate
  - DOEGrid certificate
  - MISER/Matrix password
- ◆ People approving leave requests can authenticate in two ways:
  - KCA certificate
  - DOEGrid certificate

# Certificates

- ◆ All database applications developed to use Oracle's Apache/Mod\_plsql interface now accepts the DOE Grid certificate to authenticate, in addition to
- ◆ Capturing data when the helpdesk authorizes the DOEGrid certificate
- ◆ Register your DOEGrid Certificate
- ◆ Take the PKI Training Class



# DocDB

- V8 in production, rolling out V8.1 Wednesday. New features:
  - ◆ CanView option to disable user access.
  - ◆ Topics can now have sub-topics, sub-sub-topics, etc. Users can also select top level topics for a particular document.
  - ◆ Users can control the Author order

# Conference/Meeting Management

## ◆ SPMS

- Registration module requires an upgrade for credit card processing (no PII in the database)
- Continually comparing features with InDiCo

## ◆ InDiCo

- CD is running an instance for Fermilab & ILC
- Collaborating with CERN by contributing to development

## ◆ IDS & CSI will contact the PPD conference office in an effort to interest them in adopting SPMS and/or InDiCo

# Matrix Replacement

- ◆ Matrix behind in updates
- ◆ Development box hacked
- ◆ Interdependencies of BEA, Matrix, OS and Oracle causing upgrade delays
- ◆ AlphaFlow in production – designed with purchase reqs in mind
- ◆ Less time to convert to AlphaFlow than upgrade Matrix

# Development Issues

- ◆ Major applications – requires additional security controls best implemented on separate hardware
- ◆ High availability instances – preferably on a separate machine
- ◆ G1 can no longer handle production and integration instances
- ◆ New applications add users and consumes resources

# Miscellaneous

- ◆ Capture and track Grid certificates for authentication in addition to Fermilab KCA certificates - **Complete**
- ◆ EquipDB updates for CDF - **Complete**
- ◆ Automation of User Accounts
  - creation and termination of accounts
  - CST SysAdminDB
  - subscribe/unsubscribe to/from group level mailing lists based on Org Chart