



**FI\$Cal**

*Financial Information System for California*

# R17 Interfaces Workshop Investment Accounting Interface

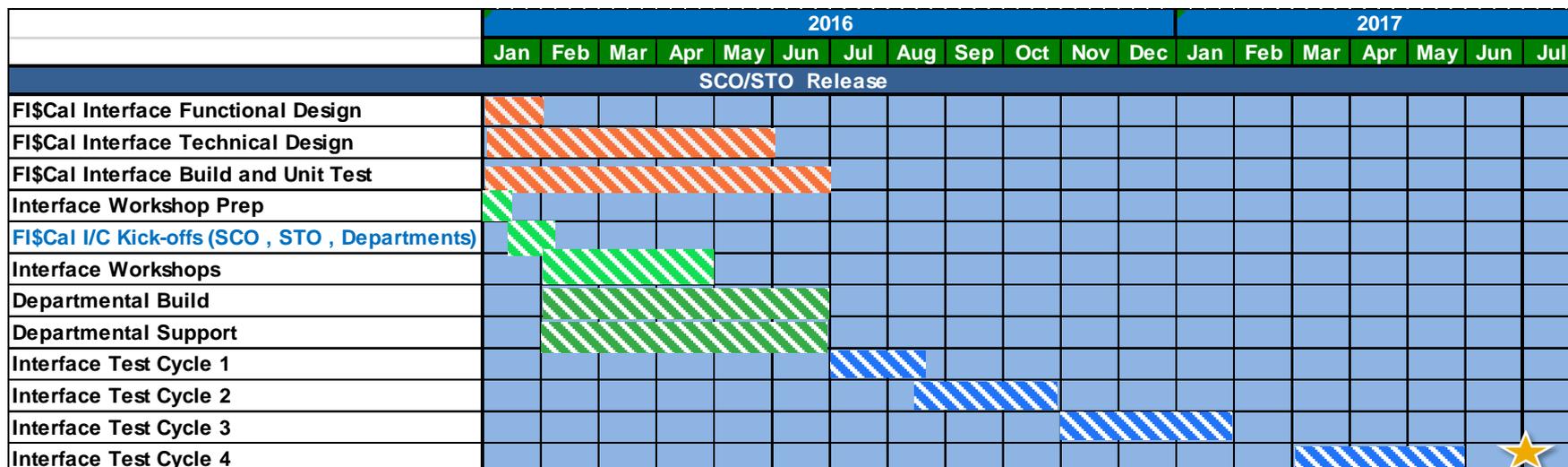
March 10, 2016

# Agenda

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- Workshop Objectives
  - Review Interface and file layout ,to allow Departments to begin interface activities
- Timeline
- Roles & Responsibilities
- Detailed Layouts and review of Interfaces
  - INFLA001\_Investment Accounting Interface
- Next Steps

# R17 Interfaces– Key Activities Timeline



Interface Workshops will be conducted from Feb to Apr 2016

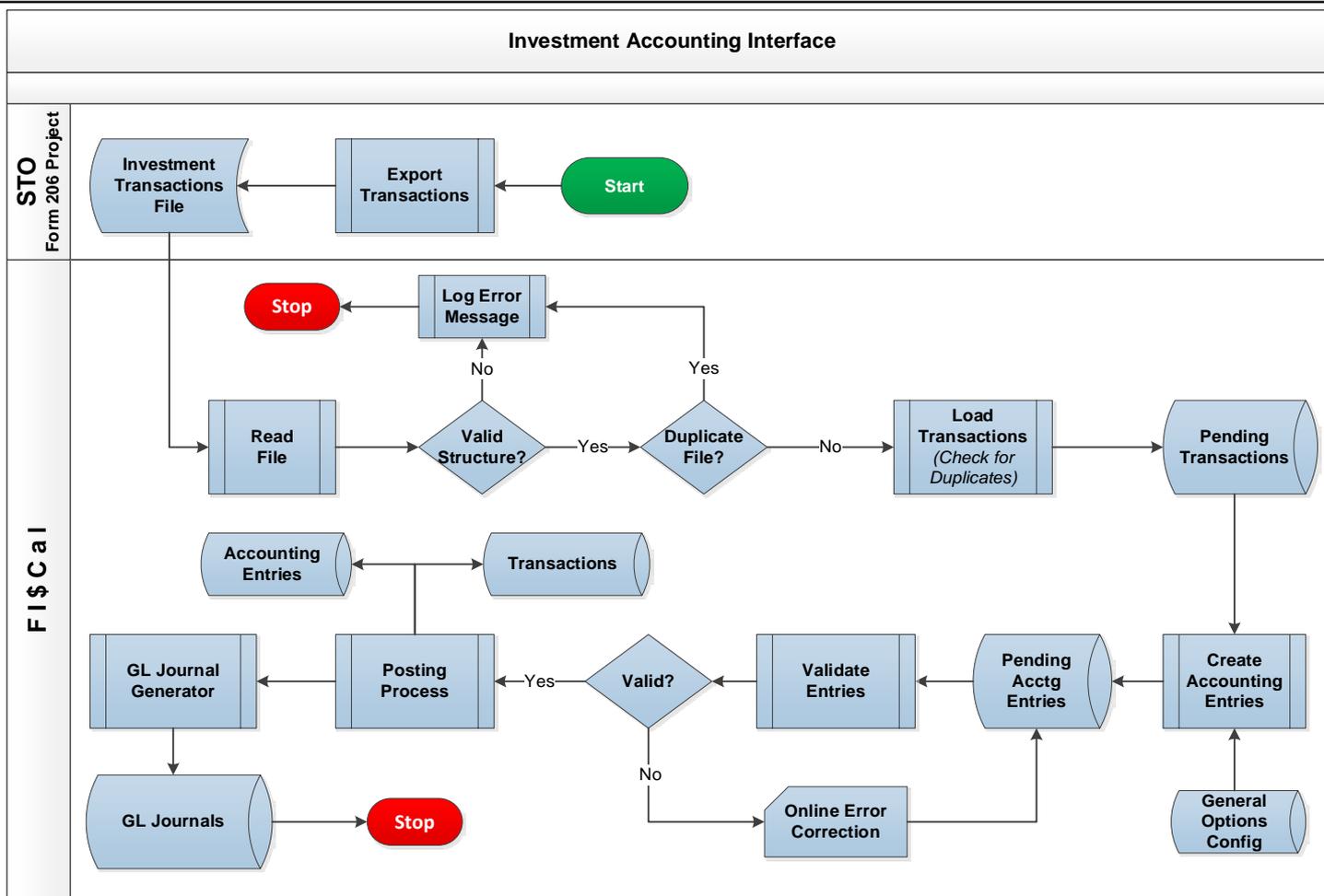
FI\$Cal Interface build is expected to complete by end of June 2016

SCO/STO will be involved in testing interfaces across 4 test cycles with FI\$Cal Project. Interface Testing kick-off is currently planned for Apr 2016 and will detail timelines and processes for interfaces testing.

# Interface Roles and Responsibilities

| Activity  | Team          |
|---|---------------|
| Using the defined scope, identify the development objects for interfaces for the FI\$Cal Application.   | FI\$Cal       |
| Using the defined scope, identify the development objects for interfaces for the Legacy Applications.   | STO           |
| Understand mapping of legacy data elements to FI\$Cal data elements based on layout & mapping provided.   | STO           |
| Manage completion of FI\$Cal interface activities - Technical Design, Build, and Unit Test interfaces.  | FI\$Cal       |
| Manage and participate through completion of legacy interface activities - Technical Design, Build, and Unit Test interfaces.                       | STO           |
| Functional and Integration Test activities, process the interfaces file within the FI\$Cal Application including evaluation of error and log files. | FI\$Cal       |
| Resolve Interface Errors (Integration Test)   | FI\$Cal & STO |

# Data Flow – Investment Accounting Interface



# Interface Scope

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## INFLA001 – Investment Accounting

- The Investments Division of the State Treasurer’s Office (STO) manages state’s investments, including the placement of orders for the purchase and sale of securities. The State Controller’s Office (SCO) does accounting for these transactions in the state’s book of record.
- Currently, the STO passes investment transaction details to SCO via Form 206. SCO records the investment transactions details manually on an investment tracking spreadsheet and processes a Transaction Request (the equivalent of a General Ledger {GL} journal) to account for the transactions.
- Investment Accounting Inbound Interface processes an “.csv” file of investment transactions from the STO into FI\$Cal and creates accounting entries for them.
- Review Layout

## □ Dataflow Security Between FI\$Cal & STO

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- STO will access FI\$Cal via Secure File Transfer protocols (SFTP) to deliver interface data for Investment Accounting Interface.
- Defined in MDW (Master Departmental Work plan) tasks
  - Establish Secure File Transfer Protocol (SFTP) User Access
  - For new users for testing purpose only
  - Verify and Test SFTP File Submission Method

# Next Steps

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## **Build and Workshops**

- FI\$Cal and STO to continue Technical Designs and Build till June 2016
- Determine Batch processing timelines for Investment Accounting Interface
  
- **Access and Data files**
- STO and FI\$Cal to coordinate for connectivity and access for FI\$Cal SFTP during March to June 2016
- STO to provide test data files for Unit Testing purpose for better validation of Interfaces in Unit Testing during March to June 2016

# Next Steps

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## **Interface Testing**

- STO to identify Test Environments in Department to conduct the Interface testing which starts in July 2016
- Develop Legacy Test scripts, data conditions & exceptions that need to be tested based on review of existing and to be business processes from March to June 2016
- Identify Test conditions to be tested in FI\$Cal based on review of existing and to be business processes from March to June 2016

## **FI\$Cal Support**

- Attend FI\$Cal scheduled touchpoints or support sessions during March to Jun 2016 to understand progress, testing updates and next steps

# Interface Test Objectives

| Test Cycle   | Primary Objectives  |
|--|---|
| Interface Test Cycle 1                             | <ul style="list-style-type: none"> <li>• Validate Interface programs/processes/layout</li> </ul>  |
| Interface Test Cycle 2                             | <ul style="list-style-type: none"> <li>• End-to-end testing of Interfaces including testing of Business Processes involved in completing the life cycle of Interfaces.</li> <li>• Test additional Test Conditions as provided by Departments</li> </ul>   |
| Interface Test Cycle 3, 4                          | <ul style="list-style-type: none"> <li>• End User validation of Interface data in the User Acceptance Environment.</li> </ul>   |
| Common Objectives across all Interface Test Cycles | <ul style="list-style-type: none"> <li>• Test connectivity between FI\$Cal and Departments / Controlling Agency.</li> <li>• Provide Departments/Controlling Agency with data validation, File layout and format issues.</li> <li>• Fix Interface Programs on Department and FI\$Cal applications</li> </ul> |

# Interface Testing – STO Involvement

| Activity   | Primary Owner |
|--|---------------|
| Identify and Provide High Level Interface Test Scenarios/Conditions as executed in FI\$Cal to the Departments                | FI\$Cal       |
| Identify High Level Interface Test Scenarios/Conditions for Legacy application   | STO           |
| Identify / Create Test Scripts for Legacy application  | STO           |
| Process Interface test data including provision and processing of Interface files (Inbound/Outbound) for FI\$Cal application | FI\$Cal       |
| Process Interface test data including provision and processing of Interface files (Inbound/Outbound) for Legacy application  | STO           |
| Execute Test Scripts for FI\$Cal application with Departmental Data  | FI\$Cal       |
| Execute Test Scripts for Departmental application with FI\$Cal data received via Outbound Interface                          | STO           |
| Document Test Results and Defects for Legacy application   | STO           |
| Manage Defects and Defect resolution process in Legacy application   | STO           |
| Analyze Test Results and Resolve Defects for Legacy application  | STO           |
| Retest Defects for Executed Test Scripts for Legacy application  | STO           |
| Analyze Test Results and Resolve Defects for FI\$Cal application   | FI\$Cal       |

## Questions/Additional Information

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FI\$Cal Project Information:

<http://www.fiscal.ca.gov/>

or e-mail questions to the FI\$Cal  
Project Team at:

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