



**FI\$Cal**

*Financial Information System for California*

# R17 Interfaces Workshop Registered Warrants Interfaces

March 22, 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
  - INFAP033 - RW: Presented Payments- 1 - STO
  - INFAP034 - RW: Available for Payment
- Next Steps

# R17 Interfaces– Key Activities Timeline

	2016												2017											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul					
<b>SCO/STO Release</b>																								
FI\$Cal Interface Functional Design																								
FI\$Cal Interface Technical Design																								
FI\$Cal Interface Build and Unit Test																								
Interface Workshop Prep																								
FI\$Cal I/C Kick-offs (SCO , STO , Departments)																								
Interface Workshops																								
Departmental Build																								
Departmental Support																								
Interface Test Cycle 1																								
Interface Test Cycle 2																								
Interface Test Cycle 3																								
Interface Test Cycle 4																								★

Interface Workshops will be conducted from Feb to Apr 2016

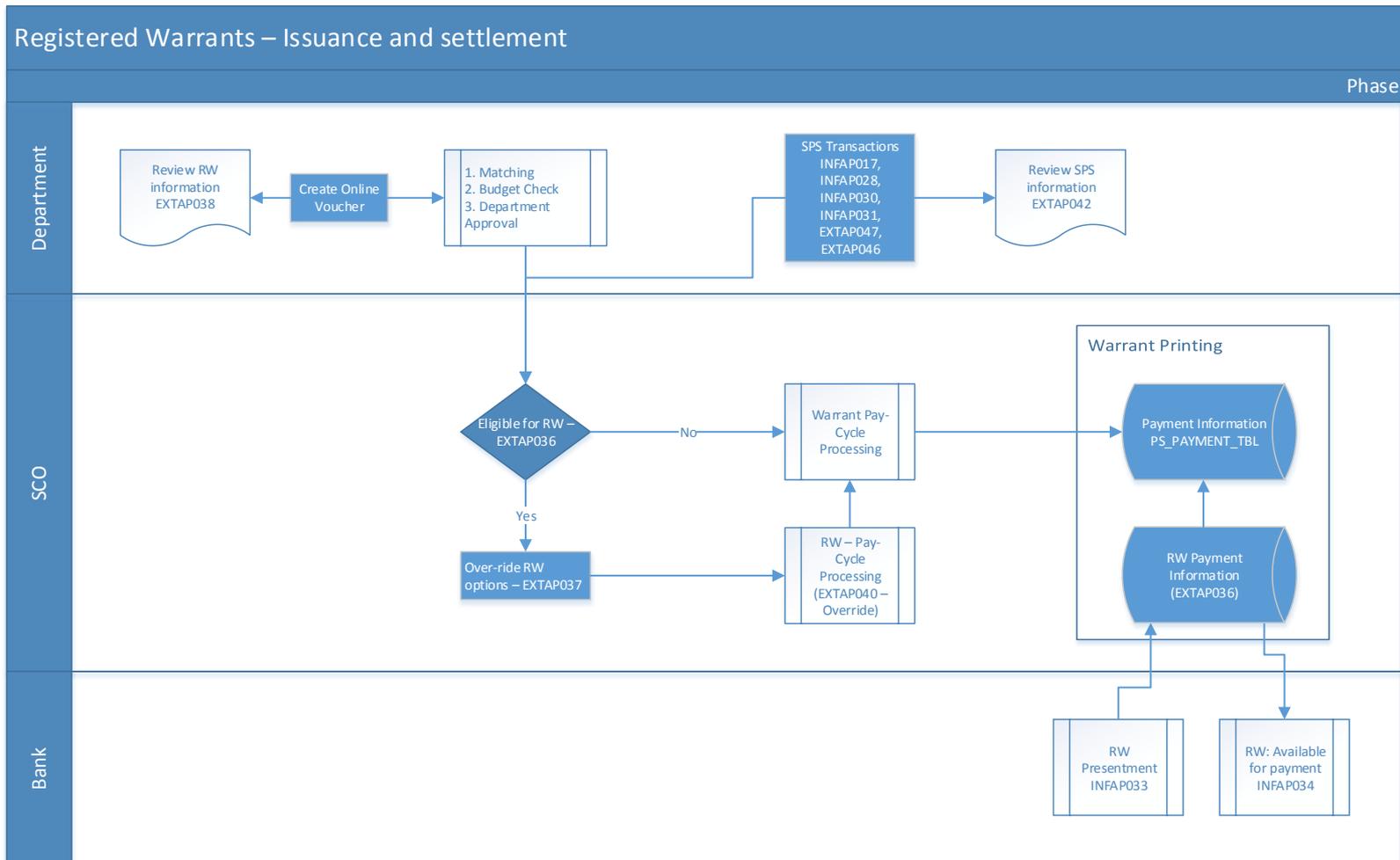
FI\$Cal Interface build is expected to complete by end of June 2016

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

# Interface Dataflow



# Interface Scope

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## INFAP033–RW: Presented Payments-1- STO

### INFAP034 - RW: Available for Payment

- For any future needs, STO has signed agreements with the depository banks that they will accept RWs once they are called. It is at the option of the bank whether to accept the RW prior to the RWs being called. If a bank accepts RWs prior to RWs being called, Banks have provision for the STO to validate the issuance of RWs before giving client credit for the RWs.
- **INFAP033–RW: Presented Payments-1- STO** is an Inbound interface to FI\$Cal provides provision to Banks to validate the RWs.
- **INFAP034 - RW: Available for Payment** is an outbound interface from FI\$Cal which would validate received RWs sent by banks and send a file to validating bank with details of all RWs that are invalid (not found/ already paid) in FI\$Cal for issuance.
- Both Interfaces will be delivered in FI\$Cal specific standard file layout that needs to be adhered by the Banks
  
- Review Layouts

# Dataflow Security Between FI\$Cal & STO / Banks

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- STO / Banks will access FI\$Cal via Secure File Transfer protocols (SFTP) to deliver and receive interface data for Cash Management 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

# 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

## Next Steps

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### **Build and Workshops**

- FI\$Cal and STO to continue Technical Designs and Build till June 2016
- **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 May 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

## 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:

[fiscal.cmo@fiscal.ca.gov](mailto:fiscal.cmo@fiscal.ca.gov)