# CalHEERS Testing Strategy

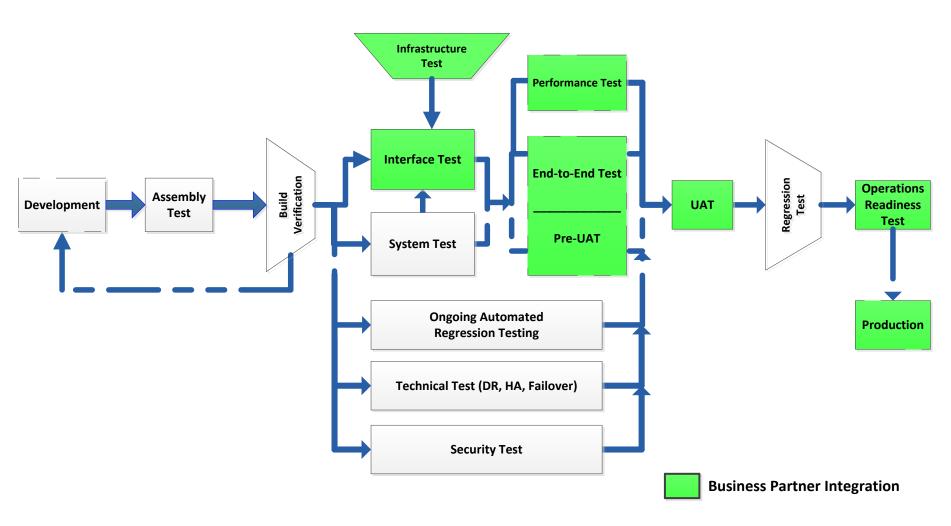
March 8, 2013



#### CalHEERS Testing Objectives

- Test early and often
- Early validation that the system supports the business needs
- Facilitate establishment of operational business processes
- Promote collaboration between the Project, Business Sponsors and Partners, and the Vendors
- Reuse whenever reasonable and practical (e.g., test cases, test data, tools and training)
- Promote cross-team communication

#### Overall Test Lifecycle



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## CalHEERS Testing

Testing Phase / Accenture Lead	Description/Objective
Infrastructure Test	<ul> <li>Connectivity testing</li> </ul>
Technical Testing (e.g., Security, Performance, Disaster Recovery)	<ul> <li>Perform tests to validate technical objectives, including security vulnerabilities</li> </ul>
Interface Test	<ul> <li>Technical and functional testing of individual interfaces</li> </ul>
System Test	<ul> <li>Validation that delivered application is supported by the detailed design documents and meets the business requirements</li> </ul>
End-to-End Test	<ul> <li>Verification that was designed supports business needs. Scenario based tests.</li> </ul>
Federal Certification Testing	<ul> <li>Execution of federal test scenarios</li> </ul>

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### CalHEERS Testing

Testing Phase /CalHEERS Lead	Description/Objective
End-to-End Pre-UAT Test	<ul> <li>Validate Accenture test scenario execution</li> </ul>
Formal UAT Test	<ul> <li>Scripted and unscripted test case execution</li> <li>Confirm business processes are supported</li> </ul>

CalHEERS Key Tasks 2013 2014 Baseline Baseline May Start Date Finish Date 7/5/12 10/24/12 R1 System 1/15/13 5/17/13 End-to-End Test 2/18/13 6/14/13 Pre-UAT Test 5/13/13 7/5/13 Go, No Go Decision 7/22/13 8/02/013 UAT Regression 7/22/13 7/26/13 Go-Live (8/19/2013) 8/8/13 8/16/13 10/31/12 7/2/12 R2 SystemTest Execution 3/1/13 8/16/13 R2 Interface Test Execution 3/18/13 8/16/13 End-to-End Test 5/6/13 9/6/13 Ga, No Go Decision 5/27/13 8/16/13 Pre-UAT Test 8/19/13 9/13/13 UAT 9/6/13 9/13/13 9/16/13 9/28/13 Go-Live 9/28/2013 7/22/13 10/18/13 R2.5 System Test Execution 7/22/13 10/18/13 R2.5 Interface Test Execution End-to-End Test Release 2.5 8/12/13 10/25/13 Pre-UAT Test 9/2/13 10/11/13 UAT 10/7/13 11/1/13 Regression 10/28/13 11/1/13 11/4/13 11/15/13 7/30/12 10/31/12 6/3/13 11/22/13 R3 SystemTest Execution R3 Interface Test Execution 6/3/13 11/22/13 End-to-End Test 7/15/13 12/6/13 Go, No Go Decision Pre-UAT Test 8/12/13 12/6/13 UAT 11/18/13 12/13/13 12/16/13 12/9/13 Go-Live (1/1/2014) 12/17/13 1/1/14 R4 SystemTest Execution 9/2/13 12/20/13 End-to-End Test 11/24/13 2/21/14 Pre-Go. No Go Decision 2/11/14 2/21/14 UAT 2/10/14 3/7/14 3/3/14 3/7/14 3/10/14 3/17/13 Cutover Go-Live (March 2014) 9/2/13 2/21/14 R5 SystemTest Execution End-to-End Test Go, No Go 5/16/14 2/17/14 3/3/14 5/16/14 Pre-UAT Test UAT 5/12/14 6/6/14 Regression (June 201 6/2/14 6/6/14 Cutover 6/9/14 6/16/14 Finish Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec Jan Feb Mar Apr May June Date 2013 2014