SYSTEM INTEGRATION TESTING

What is SIT?
System Integration Testing (SIT) is a testing process in which we verify that UCSB’s instance of PeopleSoft Financials maintains the integrity of our data and can operate in coordination with other campus systems.

Why is it important?
SIT ensures that all of UCSB’s systems are integrated successfully with PeopleSoft Financials to provide accurate and reliable data.

How long will it take?
We began SIT on November 12th and expect to wrap the majority of the testing up by December 20th. Since we are still working on doing some interface unit testing, some integration testing will continue into January.

What’s being tested now?
Regression Testing – Each individual PeopleSoft module is retested to make sure that all of its basic functionality is still working as expected.

Customizations – All of the customizations made to PeopleSoft based on unique UCSB requirements are tested to ensure that our additional requirements have been satisfied.

Interfaces – There are 78 interfaces between PeopleSoft Financials and other campus systems. Interfaces move data from one system to another system. For example, we are testing to ensure that data entered in a legacy real-time application system flows to and through the middleware and posts to a PeopleSoft module, like the General Ledger.

Security – User profiles are assigned specific access rights and roles in the system. We are testing to ensure that users will be able access the system functionality that has been assigned to them and perform the functions they need to.

Workflows – Workflows are sequences of tasks that are performed by multiple people in order to complete a process.

Hosted Environments – To ensure that our hosted environments are stable and reliable, we are testing their performance, business continuity, disaster recovery, and security, and we are developing protocols.

From the Project Manager
I’m thrilled that we have completed the highly complex process of data conversion and validation, and that we are now working on System Integration Testing. The testing has been going very well so far, and I look forward to moving on with User Acceptance Testing, training, and preparing for production readiness early next year. I’d like to wish the whole FSIP project team a very happy holiday season! You have all worked incredibly hard this year and we have made very substantial progress toward our Phase 1 goal of moving the financial system off the mainframe. Thank you so much for your partnership!

-Jessie Masek, FSIP Project Manager

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