

## Interface Approach

### Overview

The Florida PALM approach to interfaces is to identify, design, build, and test interfaces in collaboration with agencies. Interfaces refer to data exchanges between Florida PALM and other systems. Those planned to interface with Florida PALM are agencies, enterprise partners, and third parties (e.g., banks).

There are three interface transmission types available:

- File Based: Uses flat, delimited, or XML file formats to carry data
- Web Services: Uses JSON or XML messages to send/receive data real-time
- Spreadsheet Upload: Uses a delivered Excel template to upload data

Layouts will be provided to agencies based on the implementation wave of each interface. File based and web service testing will be performed during Interface Testing. Spreadsheet upload testing will be performed during User Acceptance Testing.

### CMS Wave Specifics

CMS Wave agency interfaces contain Florida PALM standard fields and exchange data with Florida PALM cash management functions. Agencies will need to use Florida PALM standard interfaces when they exchange data with Florida PALM. Some of the names of the data fields may differ from what they are currently in CMS or FLAIR. Agencies that need to exchange data with Florida PALM may need to conduct a mapping of current to future data fields to maintain agency business system functionality. All agencies received outbound CMS Wave file-based interface layouts (MRW task TECH71) and were asked to confirm their interface connections (MRW task TECH72). Spreadsheets will be provided in a future MRW task. There are no web service-based interfaces in the CMS Wave.

### CMS Wave Agency Interface Activities

Agencies are encouraged to use the Master Readiness Workplan (MRW) as a starting point and collaborate within their agency to understand impacted business functionality and to define the activities and timing to plan, design, build, and test interfaces. Interface activities will be conducted during each wave. Existing Change Champion Network activities, including recurring Readiness Touchpoints and MRW tasks, may be leveraged for agency questions on interface activities.

Table 1: File Interface Activities

Activity	Description
Identify Interface Needs	The Florida PALM Team will collaborate with agencies to develop an inventory of interfaces for CMS Wave (MRW task TECH72).
Review Initial Interface Layouts	Agencies will receive initial interface layouts to begin reviewing and providing iterative feedback. These initial interface layouts may evolve as the Florida PALM Team receives feedback from agencies (MRW tasks TECH70 and TECH71).
Determine Business System Impacts	Agencies should identify and track impacts to internal and partner business systems. For example, online screens, reports, downstream interfaces, and external partners (MRW task RDNS211).
Receive Revised Layouts	The Florida PALM team will provide revised interface layouts to agencies incorporating updates from collaboration meetings and the Florida PALM design process. If any additional interface layout changes are made during the

	Project's design and build, the Florida PALM team will communicate revisions to your agency.
Design Business System Changes	Based on the identification of the business system impacts activities, agencies should design the necessary changes to their business systems (MRW task TECH74)
Build Interfaces	Agencies will complete their interface build activities, leveraging the revised interface layouts (MRW task TECH74).
Test Interfaces	The Project will conduct interface testing with agencies.
Deploy Interfaces	The agencies and Florida PALM team will deploy interfaces. Deployment is the final step in the interface lifecycle wherein interface programs are deployed in support of the Florida PALM for ongoing processing.

Table 2: Spreadsheet Upload Activities

Activity	Description
Identify Available Spreadsheet Uploads	The Florida PALM Team will collaborate with agencies to identify spreadsheet uploads that will be available for use during implementation waves and will be documented in the Catalog of Interface Offerings.
Review Spreadsheets	Agencies will receive spreadsheet files for review prior to user acceptance testing.
Determine Business System Impacts	Agencies should identify and track impacts to internal and partner business systems that will create data for spreadsheet uploads.
Design Business System Changes	Agencies should design the necessary changes to their business systems based on the identification of the business system impacts activities.
Test Spreadsheet Uploads	The Project will conduct user acceptance testing with agencies.