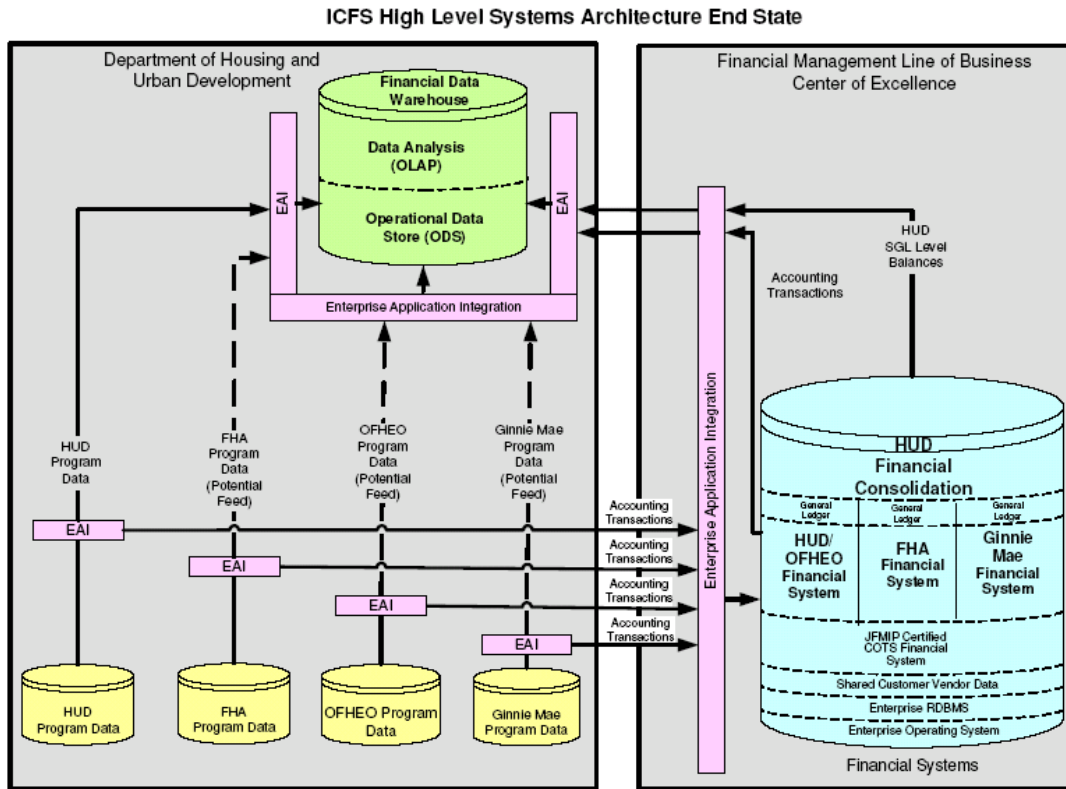


NOTE: This document may not be fully 508 accessible due to the technical nature of the content. If you need a complete 508 accessible version, please contact Beverly Hacker at 202-708-1821.

Diagram 6. ICFS High Level Systems Architecture End State



The enterprise-wide solution will enforce:

- Standard data classifications (definitions and formats) for establishing and recording financial events;
- Common processes for similar kinds of transactions;
- Internal controls over data entry and transaction processing;
- Elimination of unnecessary duplication of transaction entry; and
- Elimination of fragmentation in the accounting cycle.

5.5 Standards Definition for Segment

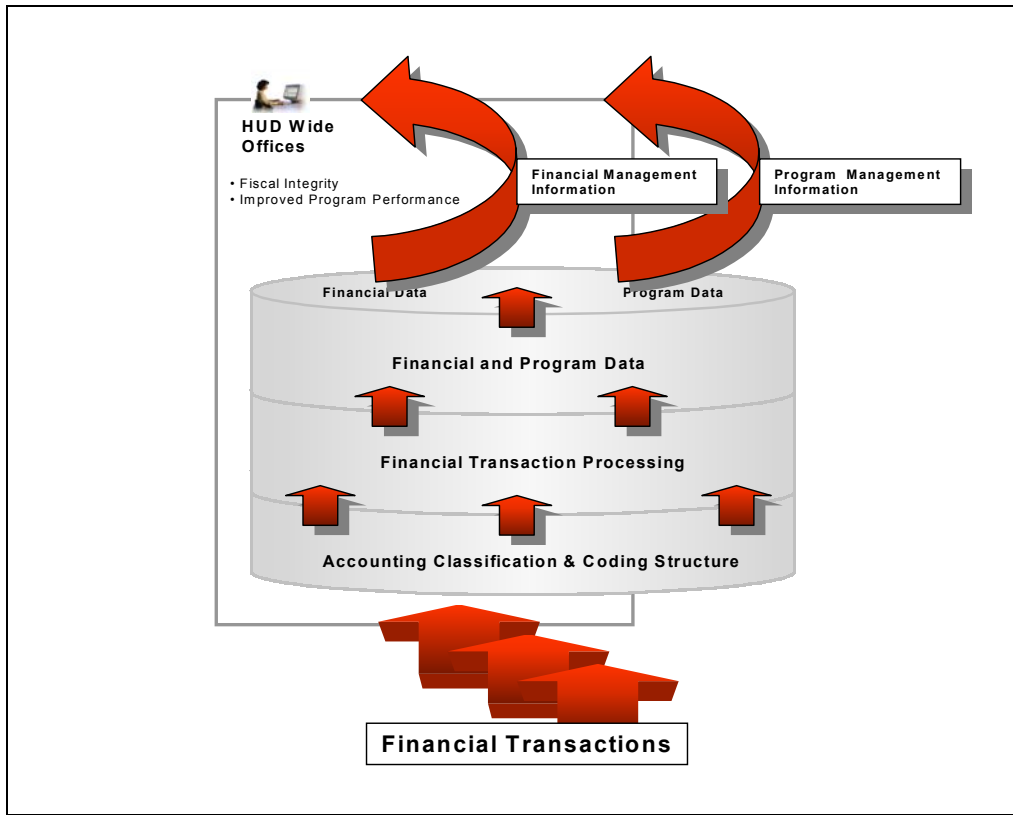
The HIFMIP Vision recommends that HUD control, classify, organize, and consolidate common financial transactions and data from business events across the enterprise using common definitions and processes and provide the basis for integrated financial management. The

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following diagram illustrates the standardization of the flow of financial information and data recommended by the Vision.

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Diagram 7. Standard Financial Information and Data Flow



5.5.1 Products/Versions/Types/Interfaces

Legacy Systems and Interfaces

The Functional Requirements Document (FRD) includes an analysis of existing legacy systems, along with a determination of those that contain financial data. The FRD supplied a preliminary list of systems to be replaced by ICFS, interfaced or integrated with ICFS, or left outside the scope of ICFS and was updated in the LSPD and the Roadmap. Table 7 in Section 6.2 of the Blueprint lists the financial systems and Appendix B lists the financial system interfaces affected in the migration from the “as is” environment to the target future state IFMS.

Future Integrated Core Financial System

HUD has determined that Peoplesoft 8.8 meets the majority of the Department’s core accounting requirements as defined in the FRD. The HIFMIP schedule, particularly the ICFS implementation date(s), is predicated on the use of PeopleSoft as the foundation for ICFS.

5.5.2 Infrastructure Requirements

The major components of HUD's current core financial system are HUDCAPS, PAS, and LOCCS. PAS and LOCCS operate on Unisys 2200 mainframes. HUDCAPS operates on HUD's Hitachi mainframe. These systems share financial information that is batch processed nightly. Both HUDCAPS and LOCCS communicate with external government financial systems (e.g., Treasury and the National Finance Center). This scattering of financial information across multiple platforms leads to untimely, inaccurate, redundant, and fragmented data for system users. HUD is also looking to reduce its dependency on its mainframe architecture. Unisys support will be discontinued in the near future, affecting several of HUD's current financial systems.

The implementation of a state-of-the-art ICFS will provide HUD with a sound technological solution that is consistent with the strategic direction of the HUD Enterprise Architecture and with the FEA. The system will be Web-enabled and comprised of a suite of financial modules that operate on a single platform of industry-proven technological standards. The single platform approach using standard data interchanges will provide HUD with a system that is able to deliver timely and accurate financial information through seamless integration. Through this configuration, preparation of consolidated financial statements will occur within required timelines with a significant reduction in manual effort. This system will also enable HUD to eliminate redundant systems and their associated support and maintenance expenses, as well as the risks and errors resulting from the complexity of current system integration.

6.0 Implementation Plan

HIFMIP is a multi-year project that will replace the current core financial system with an integrated financial management solution. Integrated financial management for HUD includes all financial management organizations and financial systems that provide financial information to HUD's consolidated financial statements. Currently, HUD supports separate financial management organizations within the OCFO, FHA, GNMA and OFHEO organizations.

The current core financial system's subsidiary systems that are integrated, interfaced, or otherwise provide information to the current core financial system will be affected as the HIFMIP Project Team implements a phased plan to transition HUD to the new integrated system. The existing core financial system will be phased out over the implementation period.

Each implementation phase is divided into stages to separately track and manage each set of activities and ensure proper coordination of actions and resources. The HIFMIP Project is currently in Phase I and has completed several milestones:

- The Project Planning Stage;
- Selection of the new COTS software;
- Delivered a plan to address HUD's current systems and interfaces with the core accounting system in the **Legacy Systems Disposition Plan** (December 12, 2005); and

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- Delivered the migration plan, **HIFMIP Roadmap** (December 1, 2005), that guides the Department from the current “as is” financial system configuration through to “future state,” the complete IFMS outlined in the CFO Vision Document.

Phase I will be completed by April 2006 when the Systems Integrator and Center of Excellence is identified and selected.

Table 12. HIFMIP Phases and Stages

HIFMIP Phase	Stage	Stage Description	Target Implementation Timeframe
Phase I – Organizational Preparation	N/A	Planning and preparation for ICFS Implementation	FY 2006
Phase II – Implementation of Core Financials	II-1	Implement ICFS for HUD OCFO-Managed Programs at COE	FY 2008
	II-2	FHA ICFS Integration at COE	FY 2009
	II-3	Ginnie Mae ICFS Integration at COE	FY 2010
	II-4	Upgrade to Fusion at COE	FY 2011
	II-5	OFHEO ICFS Integration at COE	FY 2012
Phase III - Operational Systems Enhancements	III-1	Subsidiary Financial Systems Enhancements and Interfaces (e.g., LAS, LOCCS, IATS)	FY 2006 – 2009
	III-2	Program Systems Enhancements and Interfaces (e.g., IDIS, TRACS, Grantium)	FY 2007 - 2011
	III-3	Budget Formulation/Budget Preparation System Integration	FY 2010
	III-4	New Procurement System Integration/ HPS, SPS Interface Replacement	FY 2010
	III-5	DARTS Integration into ICFS	FY 2010
Phase IV - Financial and Program Performance	IV-1	Financial Data Warehouse (FDM replacement)	FY 2012 - 2013
	IV-2	Customer Relationship Management System Implementation/ Integration	FY 2012 - 2013
	IV-3	Decision Support System Implementation/ Integration	FY 2012 - 2013
	IV-4	Enterprise Performance Management System Implementation/ Integration	FY 2012 - 2013

6.1 Implementation Strategy

In FY 2005, HUD confirmed that Peoplesoft 8.8 software (PS) substantially meets the Department's core accounting requirements. Implementation of the PS software is targeted for FY 2008 as the new Integrated Core Financial System (ICFS) to replace HUDCAPS, the current core accounting system. The HIFMIP Project Team is also in the process of selecting a "Center of Excellence" or alternate service provider that will partner with HUD to transition/migrate existing financial systems to achieve an integrated financial management solution for the Department. The service provider will at a minimum, provide IT hosting support for the new system through the application layer, and maintain, upgrade and support the COTS software system to ensure its continued compliance with relevant Federal financial and IT laws and regulations. The use of a COE is consistent with the business case objectives of the FMLOB.

The initial phase will implement the integrated core financial management system in the OCFO organization with later phases to include FHA, GNMA and OFHEO organizations. The HUD HIFMIP Project Team is working with internal HUD stakeholders, including the HIFMIP Stakeholders Working Group and Integrated Program Team (IPT), whose members include FHA, Ginnie Mae and OFHEO, to develop sufficient standardization and reduction in financial systems to enable the Department to transition to a single core financial system.

The implementation schedule will be based on HUD's Information Technology lifecycle development process and will ensure that current independent financial systems modernization initiatives (OCFO, FHA, Ginnie Mae and OFHEO) support the eventual transition to a single core financial system and external service provider. The Project Plan Timeline through FY 2008 comprises the planned transition of OCFO systems to the new core financial system with application hosting and IT support from a "Center of Excellence." Starting in FY 2008, FHA, Ginnie Mae and OFHEO will work to transition their core financial functions to the integrated financial system and "Center of Excellence." The project has completed several first major milestones towards implementation of a single core financial system for HUD:

FY 2003/FY 2004

1. Developed a new HUD Vision for Financial Management to achieve "Integrated Financial Management" for HUD that supports and promotes Administration and E-Government initiatives.
2. Completed the System Initiate (planning) phase that included a Feasibility Study, Cost Benefit Analysis, Risk Analysis and Risk Plan; and an "Independent Decision and Recommendation" to HUD Management to implement an "Integrated Financial Management System" for the Department.
3. Accomplished two contract awards in late FY 2004 to obtain contractor support to complete the System Define (requirements) phase work and establish and maintain a Project Management Office within the OCFO to provide support to the HIFMIP Project Manager and ensure all aspects of the project are assigned resources.

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FY 2005

4. The System Define Project Team has completed a comprehensive requirements analysis with an enterprise perspective. The define phase work includes functional requirements, data requirements, system and technical requirements, system security requirements, and updates to the analyses completed in the planning stage. Additional work included evaluation and selection of a COTS certified system to achieve the new vision, a detailed project plan to achieve "integrated financial management" using a phased approach, a Roadmap that identifies each specific project phase objectives, goals and planned improvements, and developing a plan to integrate subsidiary systems that will support the new system and defining the required system interfaces to support the transition to a COE.

5. The Project Team will issue a contract task order or contract modification to obtain IV&V support for future phases of the project.

FY 2006

6. The System Define Project Team will work with the HUD Project Team to select an alternate service provider or "Center of Excellence" to provide financial services including application hosting for the new COTS certified system. The "COE" partner will select and include a System Integrator to assist the Project Team in all aspects of System Design, System Build, System Test and Implementation. Part of the transition to the new system and "COE" will include migrating relevant data to the new system and decommissioning the old legacy systems identified for replacement. The transition will focus on OCFO systems.

FY 2007

7. The HUD Project Team, COE partner, and System Integrator will complete the transition to the new core system in a phased approach in FY 2007 and FY 2008. The implementation will include the planned integration, interfaces and replacement of existing systems that do not support the new system or perform redundant core financial functions. The project team will run demonstrations and pilots to ensure critical business processes and requirements are thoroughly tested prior to "going live".

FY 2008

8. The OCFO, FHA, Ginnie Mae, and OFHEO Project Teams will work together to develop a plan to migrate all core financial functions to the final "integrated core financial system." Sufficient planning will ensure the transition supports all business processes and will provide efficient and effective financial management services to all HUD programs and organizations. The transition plan will be dependent on the software vendor's migration path to the current and future COTS certified core financial systems. The Department will evaluate options to ensure the final integrated core financial system provides the best fit for HUD's financial management function. The Project Teams will also work together to implement additional long-term Business Improvements available to HUD once the transition is completed.

The following table summarizes the systems impacted by fiscal year.

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Table 13. HIFMIP Systems Impact by Fiscal Year

Fiscal Year	System ID	System Short Name	System Title	Notes & Comments
2006	A51	FAADS	Federal Assistance Award Data System	Replace with FDM
	A65A	SAVE	Section 235 Automated Validation & Editing	Integrate with LOCCS
	D08	Bonds	Bond Payment	Integrate with LOCCS
	D67A	FIRMS	Facilities Integrated Resources Management System	Automate interface with HUDCAPS
	P001	HTMS	HUD Travel Management System	Replace with FedTraveler.com
	A43	SFIS	Single Family Insurance System	Interface with FDM, not FAADS
2007	P190	GFITS	Government Financial Information Tracking System	Automate interface with HUDCAPS
	B16	MASS	Macola Accounting System Software	Replace with PeopleSoft at COE
2008	D67A	FIRMS	Facilities Integrated Resources Management System	Interface with ICFS
	A35	HPS	HUD Procurement System	Interface with ICFS (real-time)
	P162	HIHRTS	HUD Integrated Human Resources and Training System	Interface with ICFS
	P035	SPS	Small Purchase System	Interface with ICFS (real-time)
	A39	Hyperion	HUD's Consolidated Financial Statement System	Interface with ICFS
	A67	LOCCS	Line of Credit Control System	Interface with ICFS
	A75	HUDCAPS	HUD Central Accounting & Program System	Replace with ICFS
	A75I	PSCRS	Personal Services Cost Reporting Subsystem	Replace with ICFS
	A75R	FDM	Financial Data Mart	Interface with ICFS
	A91	CCFF	Consolidated Cost & FTE Files	Interface with ICFS
	A96	PAS	Program Accounting System	Replace with ICFS and/or LOCCS
	D21	DARTS	Departmental Accounts Receivable and Collections Tracking System	Interface with ICFS (manual)
	H18	IATS	Integrated Automated Travel System	Interface with ICFS (manual)
	P001	eTravel	FedTraveler.com	Interface with ICFS (real-time)
	P190	GFITS	Government Financial Information Tracking System	Interface with ICFS

Fiscal Year	System ID	System Short Name	System Title	Notes & Comments
	F24D	REMS	Real Estate Management System	Interface with ICFS
2009	A21	LAS	Loan Accounting System	Interface with ICFS
	A39	Hyperion	HUD's Consolidated Financial Statement System	Replace with ICFS
	Various	Program	Program Systems, e.g., IDIS, TRACS, Grantium	Interface with ICFS
	A43	SFIS	Single Family Insurance System	Replace interface to FDM with FHA ICFS to FDM interface
	P013	FHA-SL	FHA Subsidiary Ledger	Integrate with ICFS @ COE
	B16	Ginnie Mae SL	Ginnie Mae Subsidiary Ledger (PeopleSoft)	Interface with ICFS for financial statements
	OFHEO	FIMS	Financial Information & Management System	Interface with ICFS for financial statements
2010	A35	HPS	HUD Procurement System	Replace with new procurement system & new real-time interface with ICFS
	P035	SPS	Small Purchase System	Replace with new procurement system & new real-time interface with ICFS
	D21	DARTS	Departmental Accounts Receivable and Collections Tracking System	Replace with ICFS
	D61	EZB	EZBudget Budget Formulation System	Integrate with ICFS
	D65A	BOSS	Section 8 Budget Outlay Support System	Integrate with ICFS
	H18	IATS	Integrated Automated Travel System	Interface with ICFS (automated)
	B16	Ginnie Mae SL	Ginnie Mae Subsidiary Ledger (PeopleSoft)	Integrate with ICFS @ COE
2011	UNK	ICFS	Integrated Core Financial System	Upgrade to Oracle Fusion @ COE
2012	P162	HIHRTS	HUD Integrated Human Resources and Training System	Enhanced interface with ICFS
	A21	LAS	Loan Accounting System	Interface with new Financial Data Warehouse
	A67	LOCCS	Line of Credit Control System	Assess LOCCS functionality and determine whether system should be re-engineered. Interface with new Financial Data Warehouse.
	A75R	FDM	Financial Data Mart	Replace with Financial Data

Fiscal Year	System ID	System Short Name	System Title	Notes & Comments
				Warehouse
	A91	CCFF	Consolidated Cost & FTE Files	Integrate with ICFS or HIHRTS
	D091	CAPS	OCFO WebFocus Corrective Action Plan Reports System	Integrate with ICFS or HIHRTS
	D91A	REAP/TEAM	Resource Estimation Allocation Process/Total Estimation & Allocation Mechanism	Interface with new Financial Data Warehouse
	P113	PIH	PIH Information Center System	Interface with new Financial Data Warehouse
	OFHEO	FIMS	Financial Information & Management System	Integrate with ICFS @ COE
	OCIO	TIBEC	Technology Investment Board Portfolio	Interface with new Financial Data Warehouse
2013	UNK	ICFS	Integrated Core Financial System	Implement/integrate customer relationship management system/ tools
	UNK	ICFS	Integrated Core Financial System	Implement/integrate decision support system/ tools
	UNK	ICFS	Integrated Core Financial System	Implement/integrate performance management system/ tools

6.2 Proposed Schedule

The figure below shows HIFMIP's timeline by phase. For more information, refer to the **HIFMIP Legacy System Disposition Plan, Final, December 12, 2005 (LSDP)** and the **HIFMIP Roadmap, Final, December 1, 2005 (Roadmap)**. The LSDP identifies the current set of internal and external system and manual interfaces that will be addressed in each system implementation phase. The timeline and plans to retire existing systems and to modify / replace interfaces will be further defined and refined upon acquisition of the PS V. 8.8 COTS software and the COE / Integrator. The Roadmap is the project guide identifying the key decisions needed, issues, assumptions, and risks associated with the IFMS implementation and is the migration plan that identifies activities for three levels: organization, project, and application (including legacy systems, COTS, and bolt-ons, if any).

Diagram 8. HIFMIP Timeline by Phase

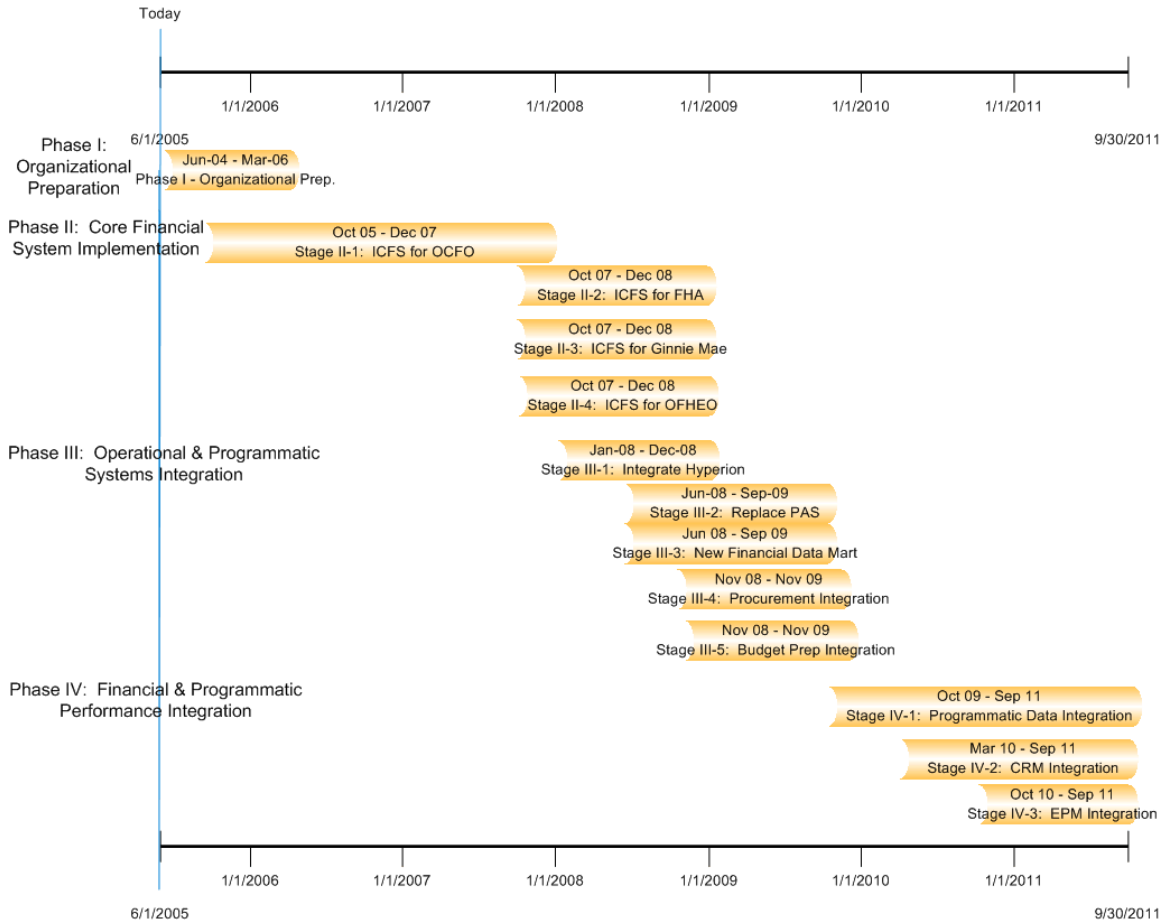
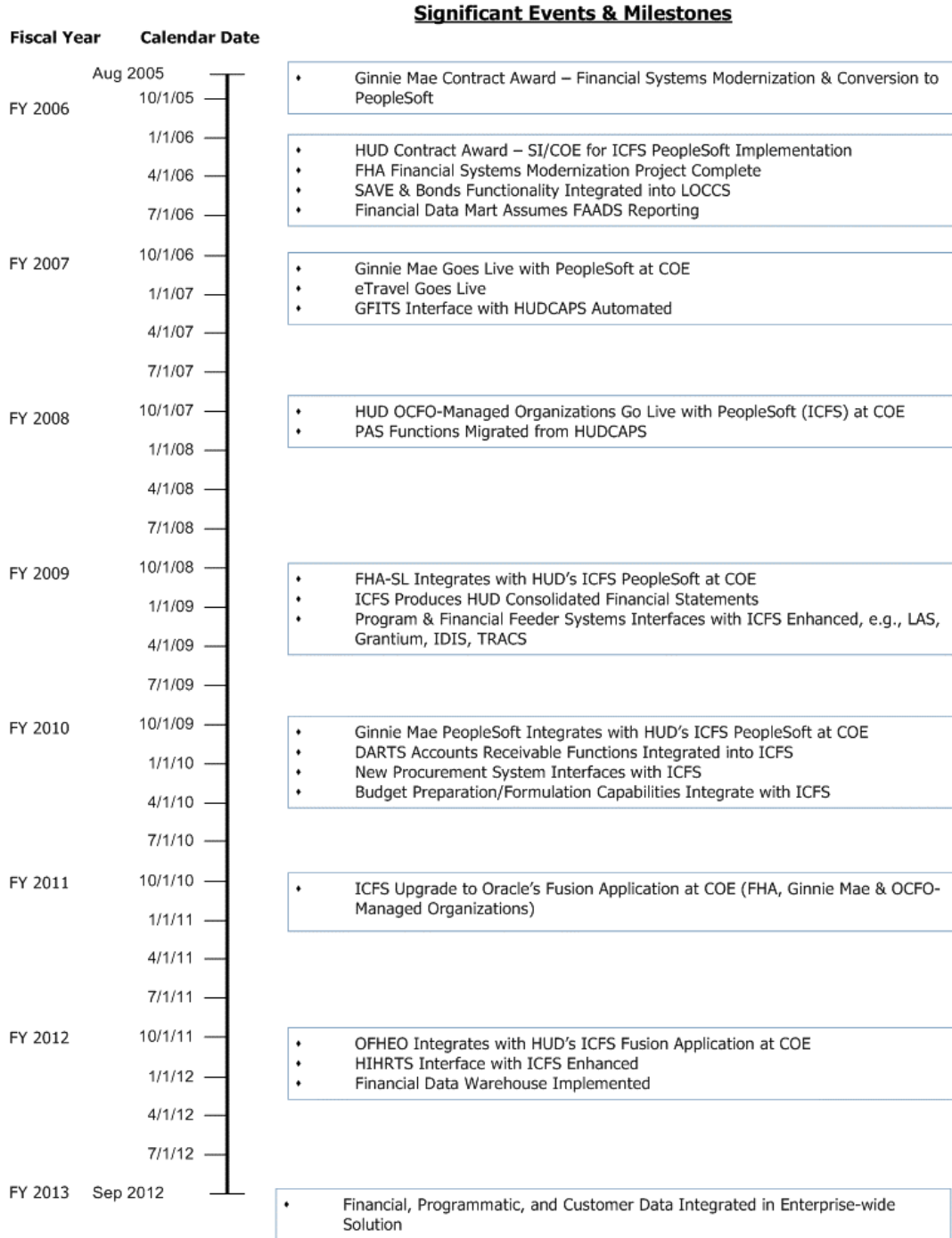


Diagram 9. Significant Events and Milestones



6.3 Integrated Project Team

The HIFMIP has established an Integrated Project Team (IPT) consisting of HUD stakeholders to complete specific work to approve, guide, facilitate and implement the Vision for HUD. The Stakeholder Working Group (SWG) provides the Integrated Program Team (IPT) a process to resolve issues that have enterprise wide implications and impact. The HIFMIP project includes and affects all programs, administrative and support organizations within HUD and requires their support, input and resources to achieve the vision on time, on budget and within scope. The current IPT Charter and SWG Charter were drafted in March 2005. The Project Team will be producing a final Charter in FY 2006.

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Appendix A – Business Reference Model (BRM)

FEA BRM				
BRM FEA Code	Line Of Business	BRM FEA Code	Sub Function	Primary Mapping to BRM
402	Financial Management	402124	Accounting	True
402	Financial Management	402126	Payments	True
402	Financial Management	402127	Collections and Receivables	True
402	Financial Management	402129	Reporting and Information	True
402	Financial Management	402128	Asset and Liability Management	True
402	Financial Management	402125	Budget and Finance	True
II.A.1.F Does the initiative articulate the business processes supported?			Community and Economic Development	
Function/Sub-function #1			Financial Management: Accounting	
Function/Sub-function #2			Financial Management: Payments	
Function/Sub-function #3			Financial Management: Collections and Receivables	
Function/Sub-function #4			Financial Management: Reporting and Information	
Function/Sub-function #5			Financial Management: Asset and Liability Management	
Function/Sub-function #6			Financial Management: Budget and Finance	
Function/Sub-function #7				
Function/Sub-function #8				
Function/Sub-function #9				
Function/Sub-function #10				
Function/Sub-function #11				
Function/Sub-function #12				
Function/Sub-function #13				
Function/Sub-function #14				
Function/Sub-function #15				
Function/Sub-function #16				
Function/Sub-function #17				
Function/Sub-function #18				
Function/Sub-function #19				
Function/Sub-function #20				

Appendix B - ICFS Initial Stage System and Interface Status

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
A21	LAS	Loan Accounting System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
A21	LAS	Loan Accounting System	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
A21	LAS	Loan Accounting System	F24D	REMS	Real Estate Management System	OCFO Interface Inventory	Excluded
A21	LAS	Loan Accounting System	P057	MDDR	Multifamily Delinquency and Default Reporting	FRD	Excluded
A35	HPS	HUD Procurement System	A75	HUDCAPS	HUD Central Accounting and Program System	OCFO Interface Inventory	Included
A35	HPS	HUD Procurement System	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
A39	Hyperion	HUD Consolidated Financial Statement System	N/A	GOALSII	Treasury Financial Reporting System – Government Online Accounting Link Systems (FACTS I & II)	OCFO Interface Inventory	Included
A43	SFIS	Single Family Insurance System	A51	FAADS	Federal Assistance Award Data System	OCFO Interface Inventory	Included
A44	SECLEDGER	Security Ledger	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Excluded – System has been closed. Data is stored in FDM and will be included in new data

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
							warehouse through data conversion process.
A51	FAADS	Federal Assistance Award Data System	External	FAADS	Census Federal Assistance Award Data System	OCFO Interface Inventory	Included
A65	SHAS		A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Excluded – System has been closed. Data is stored in FDM and will be included in new data warehouse through data conversion process.
A65A	SAVE	Section 235 Automated Validation and Editing	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
A65A	SAVE	Section 235 Automated Validation and Editing	A75	HUDCAPS	HUD Central Accounting and Program System	September 15, 2005 Working Session	Included
A67	LOCCS	Line of Credit Control System	A21	LAS	Loan Accounting System	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	A51	FAADS	Federal Assistance Award Data System	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	A96	PAS	Program Accounting System	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	C04	IDIS	CPD Integrated Disbursement & Information System	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	D65A	BOSS	Section 8 Budget	OCFO Interface	Excluded

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
					Outlay Support System	Inventory	
A67	LOCCS	Line of Credit Control System	D91A	REAP/TEAM	Resource Estimation Allocation Process/ Total Estimation and Allocation Mechanism	IAS	Excluded
A67	LOCCS	Line of Credit Control System	F87	TRACS	Tenant Rental Assistance Certification System	HUD Comments 11/10/2005	Included
A67	LOCCS	Line of Credit Control System	P013	FHA-SL	FHA Subsidiary Ledger	IAS	Excluded
A67	LOCCS	Line of Credit Control System	P113	PIC	PIH Information Center	OCFO Interface Inventory	Excluded
A67	LOCCS	Line of Credit Control System	External	Treasury	Treasury Disbursing System	OCFO Interface Inventory	Included
A67	LOCCS	Line of Credit Control System	P104	WASS	Web Access Security Subsystem	September 15, 2005 Working Session	Included
A67	LOCCS	Line of Credit Control System	F17C	FHAC	FHA Connection	September 15, 2005 Working Session	Included
A75	HUDCAPS	HUD Central Accounting & Program System	A35	HPS	HUD Procurement System	September 15, 2005 Working Session	Included
A75	HUDCAPS	HUD Central Accounting & Program System	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
A75	HUDCAPS	HUD Central Accounting & Program System	A96	PAS	Program Accounting System	OCFO Interface Inventory	Included
A75	HUDCAPS	HUD Central Accounting & Program System	P035	SPS	Small Purchase System	September 15, 2005 Working Session	Included

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
A75	HUDCAPS	HUD Central Accounting & Program System	External	Treasury	Treasury Disbursing System	OCFO Interface Inventory	Included
A75I	PSCRS	Personal Service Cost Report Subsystem	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
A75I	PSCRS	Personal Service Cost Report Subsystem	A75	HUDCAPS	HUD Central Accounting and Program System	OCFO Interface Inventory	Included
A75I	PSCRS	Personal Service Cost Report Subsystem	A91	CCFF	Consolidated Cost & FTE Files	OCFO Interface Inventory	Included
A75I	PSCRS	Personal Service Cost Report Subsystem	D091	CAPS	OCFO WebFocus Corrective Action Plan Reports System	September 15, 2005 Working Session	Included
A75R	FDM	Financial Data Mart	A35	HPS	HUD Procurement System	OCFO Interface Inventory	Included
A75R	FDM	Financial Data Mart	A39	Hyperion	HUD Central Financial Reporting System	OCFO Interface Inventory	Included
A75R	FDM	Financial Data Mart	D65A	BOSS	Section 8 Budget Outlay Support System	OCFO Interface Inventory	Included
A75R	FDM	Financial Data Mart	D91A	REAP/TEAM	Resource Estimation and Allocation Process/ Total Estimation and Allocation Mechanism	OCFO Interface Inventory	Included
A75R	FDM	Financial Data Mart	P013	FHA-SL	FHA Subsidiary Ledget	OCFO Interface Inventory	Included
A75R	FDM	Financial Data Mart	P035	SPS	Small Purchase System	September 15, 2005 Working Session	Included

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
A75R	FDM	Financial Data Mart	F87	TRACS	Tenant Rental Assistance Certification System	Working Session August 2005	Included
A75R	FDM	Financial Data Mart	P113	PIC	PIH Information Center	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	D65A	BOSS	Section 8 Budget Outlay Support System	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	F24D	REMS	Real Estate Management System	OCFO Interface Inventory	Included
A96	PAS	Program Accounting System	F87	TRACS	Tenant Rental Assistance Certification System	OCFO Interface Inventory	Included
B16	MASS	Macola Accounting Software System	A39	Hyperion	HUD Central Financial Reporting System	OCFO Interface Inventory	Included
C04	IDIS	CPD Integrated Disbursement & Information System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
D08	Bonds	Bond Payment System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
D08	Bonds	Bond Payment System	A75	HUDCAPS	HUD Central Accounting and Program System	September 15, 2005 Working Session	Included
D21	DARTS	Departmental Accounts	F24D	REMS	Real Estate Management	OCFO Interface	Included

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
		Receivable Tracking/ Collection System			System	Inventory	
D21	DARTS	Departmental Accounts Receivable and Collection Tracking System	A75	HUDCAPS	HUD Central Accounting & Reporting System	Working Sessions August 2-3, 2005	Included
D51	DOCS	Departmental Organization Code System	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Excluded – DOCS has been closed & replaced with HIHRTS
D61	EZB	EZ Budget	External	OMB	OMB Budget System	OCFO Interface Inventory; EZBudget Users Manual	Included
D65A	BOSS	Section 8 Budget Outlay Support System	N/A	N/A	N/A	OCFO Interface Inventory	Excluded – no interfaces from BOSS identified
D67A	FIRMS	Facilities Integrated Resources Management System	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Working Sessions August 2-3, 2005	Included
D91A	REAP/ TEAM	Resource Estimation and Allocation Process/ Total Estimation and Allocation Mechanism	N/A	N/A	N/A	OCFO Interface Inventory	Excluded – no interfaces from REAP/TEAM identified
External	Bankcard	Chase Bank	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Included
External	CCR	Central Contractor Registry	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
External	Lockbox	Mellon Bank Lockbox	A67	LOCCS	Line of Credit Control System	September 15, 2005 Working Session	Included
External	Lockbox	Mellon Bank Lockbox	D21	DARTS	Departmental Accounts	September 15, 2005	Included

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
					Receivable and Collection Tracking System	Working Session	
External	NFC	NFC Payroll System	A75I	PSCRS	Personnel Services Cost Subsystem	OCFO Interface Inventory	Included
External	OMB	OMB Budget System	A75	HUDCAPS	HUD Central Accounting & Program System	HUD Comments 11/10/2005	Included
External	SATO	Scheduled Airline Traffic Office	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Included
External	Treasury	Treasury Disbursing & Collections System	A67	LOCCS	Line of Credit Control System	September 15, 2005 Working Session	Included
External	Treasury	Treasury Disbursing & Collections System	A75	HUDCAPS	HUD Central Accounting & Program System	September 15, 2005 Working Session	Included
F17C	FHAC	FHA Connection	A67	LOCCS	Line of Credit Control System	September 15, 2005 Working Session	Included
F24D	REMS	Real Estate Management System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Excluded
F47	MFIS	Multifamily Insurance System	A75R	FDM	Financial Data Mart	HUD Comments 11/22/2005	Included (future interface planned for FAADS reporting)
F87	TRACS	Tenant Rental Assistance Certification System	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
F87	ARAMS/ TRACS	Automated Renewal and Amendment Management Subsystem/ Tenant Rental Assistance Certification	A96	PAS	Program Accounting System	OCFO Interface Inventory	Included

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
		System					
H18	IATS	Integrated Automated Travel System	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Included
OFHEO	FIMS	Financial Information and Management System	A39	Hyperion	HUD Central Financial Reporting System	OCFO Interface Inventory	Included
P001	HTMS/eTravel	HUD Travel Management System/ FedTraveler.com	A75	HUDCAPS	HUD Central Accounting & Program System	OCFO Interface Inventory	Included
P013	FHA-SL	FHA Subsidiary Ledger	A39	Hyperion	HUD Central Financial Reporting System	OCFO Interface Inventory	Included
P035	SPS	Small Purchase System	A75	HUDCAPS	HUD Central Accounting and Program System	OCFO Interface Inventory	Included
P035	SPS	Small Purchase System	A75R	FDM	Financial Data Mart	September 15, 2005 Working Session	Included
P104	WASS	Web Access Security Subsystem	A67	LOCCS	Line of Credit Control System	OCFO Interface Inventory	Included
P162	HIHRTS	HUD Integrated Human Resources Training System	A75	HUDCAPS	HUD Central Accounting & Program System	Working Sessions August 2-3, 2005	Included
P162	HIHRTS	HUD Integrated Human Resources Training System	A75I	PSCRS	Personal Service Cost Report Subsystem	Working Sessions August 2-3, 2005	Included
P190	GFITS	Government Financial Information Tracking Tool	A75	HUDCAPS	HUD Central Accounting and Program System	September 15, 2005 Working Session	Included
UNK	TIBEC	Technology Investment Board Portfolio	A75R	FDM	Financial Data Mart	OCFO Interface Inventory	Included
UNK	FEMIS	Facilities Integrated Resources Management System	A75	HUDCAPS	HUD Central Accounting & Program System	FRD	Excluded – replaced by FIRMS

From System ID	From System Short Name	From System Name	To System ID	To System Short Name	To System Name	Source	LSDP Scope
Various	Various	FHA and Program Feeder Systems	P013	FHA-SL	FHA Subsidiary Ledger	FRD	Excluded, except as specifically noted above
Various	Various	Ginnie Mae Feeder Systems	B16	MASS	MACOLA Accounting Software System	FRD	Excluded
Various	Various	OFHEO Feeder Systems	UNK	FIMS	Financial Information and Management System	DRD	Excluded

Appendix C – Service Component Reference Model (SRM)

Relation to SRM (i.e., Component Description)	Service Domain	Service Type	Component	New Component
Defines the set of capabilities for gathering, analyzing and fulfilling the needs and prerequisites of an organization's efforts.	Business Management Services	Management of Process	Requirements Management	No
Defines the set of capabilities that support the redesigning of disparate information systems into one system that uses a common set of data structures and rules.	Back Office Services	Development and Integration	Enterprise Application Integration	No
Defines the set of capabilities that support the charging, collection and reporting of an organization's accounts.	Back Office Services	Financial Management	Billing and Accounting	No
Defines the set of capabilities intended to influence and determine decisions, actions, business rules and other matters within an organization.	Business Management Services	Management of Process	Governance / Policy Management	No
Defines the set of capabilities that control the process for updates or modifications to the existing documents, software or business processes of an organization.	Business Management Services	Management of Process	Change Management	No

Relation to SRM (i.e., Component Description)	Service Domain	Service Type	Component	New Component
Defines the set of capabilities that control the hardware and software environments, as well as documents of an organization.	Business Management Services	Management of Process	Configuration Management	No
Support the formulation and mathematical analysis of probabilistic models for random phenomena and the development and investigation of methods and principles for statistical inference.	Business Analytical Services	Analysis and Statistics	Mathematical	No
Defines the set of capabilities that support the analysis of information and predict the impact of decisions before they are made.	Business Analytical Services	Business Intelligence	Decision Support and Planning	No
Defines the set of capabilities that facilitate the prediction of sufficient production to meet an organization's sales of a product or service.	Business Analytical Services	Business Intelligence	Demand Forecasting / Mgmt	No
Defines the set of capabilities that support the listing and analyzing of both positive and negative impacts associated with a decision.	Business Analytical Services	Business Intelligence	Balanced Scorecard	No

Relation to SRM (i.e., Component Description)	Service Domain	Service Type	Component	New Component
Defines the set of capabilities that support the process of accounts payable.	Back Office Services	Financial Management	Payment / Settlement	No
Defines the set of capabilities that support the use of credit cards or electronic funds transfers for payment and collection of products or services.	Back Office Services	Financial Management	Credit / Charge	No
Defines the set of capabilities that support the process of accounts receivable.	Back Office Services	Financial Management	Debt Collection	No
Defines the set of capabilities that support the examination and verification of records for accuracy.	Back Office Services	Financial Management	Auditing	No
Formulators utilize cost models and different forecasting tools to build out their annual budgets. It is a scenario based budgeting where agencies predict certain types of scenarios and what the funding implications would be for the scenarios.	Business Analytical Services	Analysis and Statistics	Predictive	Yes
Process where Agency leadership sets the vision.	Business Management Services	Management of Process	Budget Planning Management	Yes
Process where the organization establishes the various programs that need to be in place to support the	Business Management Services	Management of Process	Program Development	Yes

Relation to SRM (i.e., Component Description)	Service Domain	Service Type	Component	New Component
vision and mission objectives and performance targets identified in the strategic plan.				
Monitor spending activity against current year and prior year budget including activity that impacts budgetary resources. Includes supplemental funding, recessions and transfers.	Business Management Services	Management of Process	Support Budget Execution	Yes
Evaluate program performance against strategic goals. Budget responds to request for information from program or functional organizations, including financial analysis and budget information.	Business Management Services	Management of Process	Budget Evaluation	Yes
Develop models based on requirements established in collaboration with a customer whether an internal or external domain. Model types include traditional cost models, valuation models, cost benefit models, and other financial economic modes built to meet specific customer needs.	Business Analytical Services	Analysis and Statistics	Modeling	Yes

Relation to SRM (i.e., Component Description)	Service Domain	Service Type	Component	New Component
Perform simulations based on model structures developed to predict various cost alternatives and strategies.	Business Analytical Services	Analysis and Statistics	Simulations	Yes

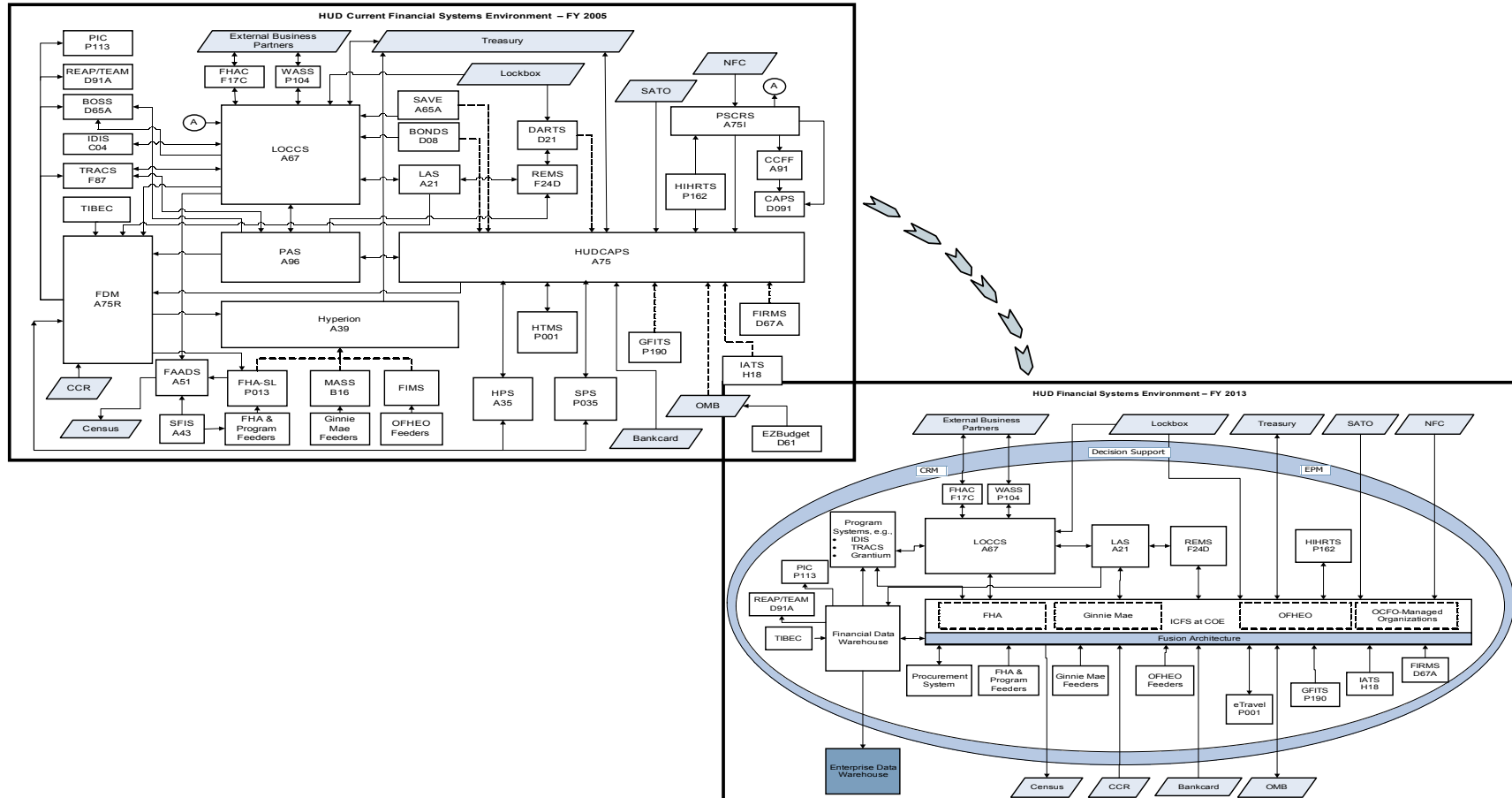
Appendix D – HIFMIP Financial Management Data Architecture Standardization

The following table maps the current set of financial data elements to the core accounting functions. The actions identified indicate whether the function Creates (C); Reads (R); Updates (U); or Deletes (D) the data element.

	Account Type	Budget Submission	Allotment	Apportionment	Appropriation	Fund Assignment	Operating Budget	Operating Plan	Commitment	Obligation	Invoice Voucher	Payable	Disbursement	Receivable	Collection	Deposit Schedule	Cost Account	Element Budget Request	General Ledger Account	Investment	Investment Security	Participant Organization	Treasury Account
Budget And Finance																							
Funds Management																							
	Budget Formulation	C						C										C					C
	Budget Execution	C	C	C	C	C	C											R	R				R
Purchasing																							
	Payroll			U	U	U				U		C	C				C		R				R
	Bankcard			U	U	U	U		C	C							C		R				R
	Travel			U	U	U	U		C	C	C	U					C		R				R
	Purchase - Not Direct Pay			U	U	U		U		C	C						C		R				R
	De-obligation			U	U	U		U		U							C		R				R
Payments																							
	Accounts Payable									U	C	C	C						R				R
	Vendor Maintenance										R		R	R	R								
Collections and Receivable																							
	Accounts Receivable			U	U	U	U	U															R

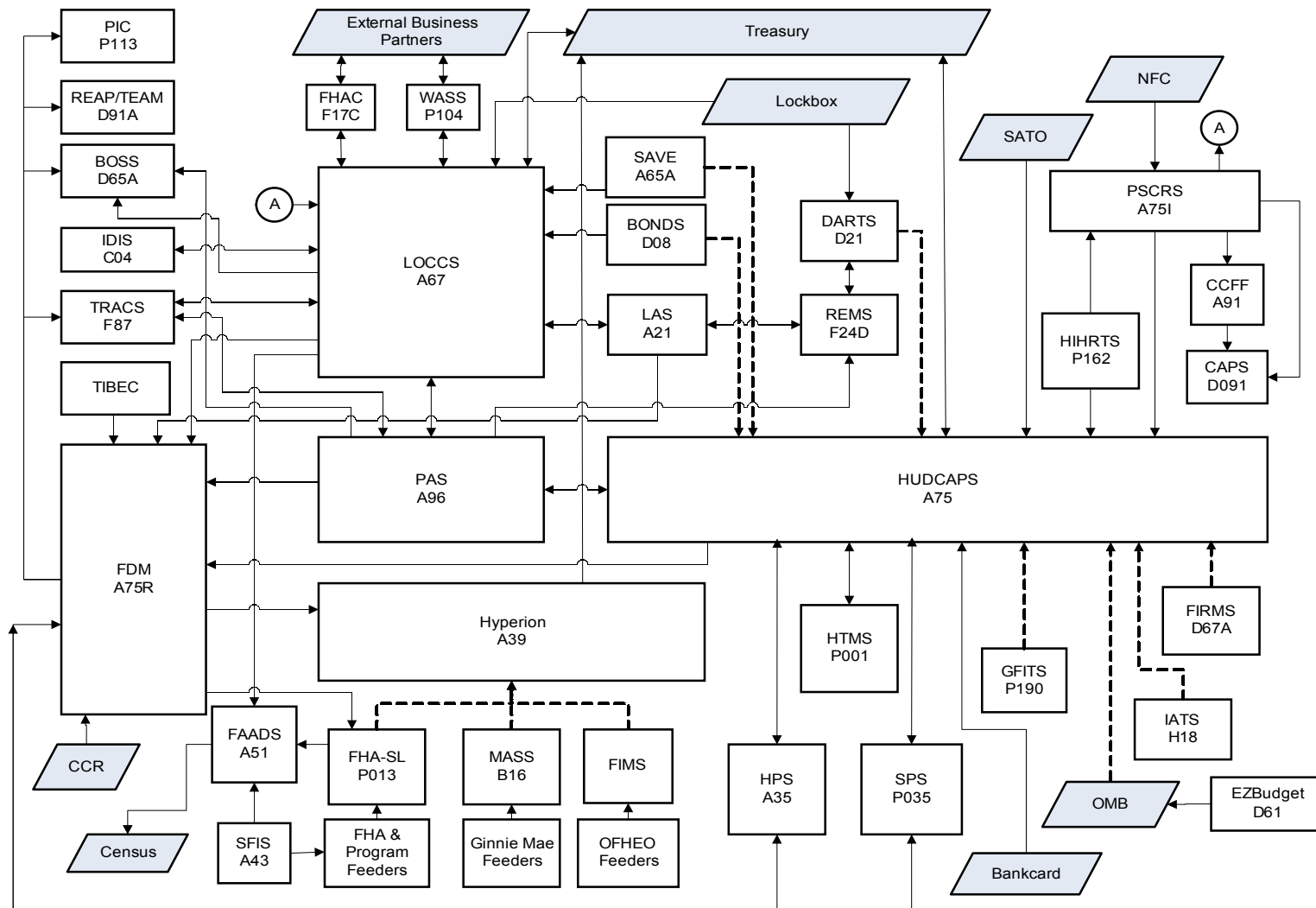
	Account Type	Budget Submission	Allotment	Apportionment	Appropriation	Fund Assignment	Operating Budget	Operating Plan	Commitment	Obligation	Invoice Voucher	Payable	Disbursement	Receivable	Collection	Deposit Schedule	Cost Account	Element Budget Request	General Ledger Account	Investment	Investment Security	Participant Organization	Treasury Account
Asset and Liability Management																							
Asset Management	R																		R	C	R	R	R
Cost Management	R		U	U	U				C	C			U				C		R				R
Accounting																							
Core Financial System Management	U																		U			U	U
General Ledger Management			U	U	U				U	U		U	U	U	U		U		U				R
Reporting and Information																							
Financial Reporting	R	R	R	R	R	R			R	R	U	U	U	U	U	U	R	R	U				R

Appendix E – HIFMIP Preliminary Roadmap

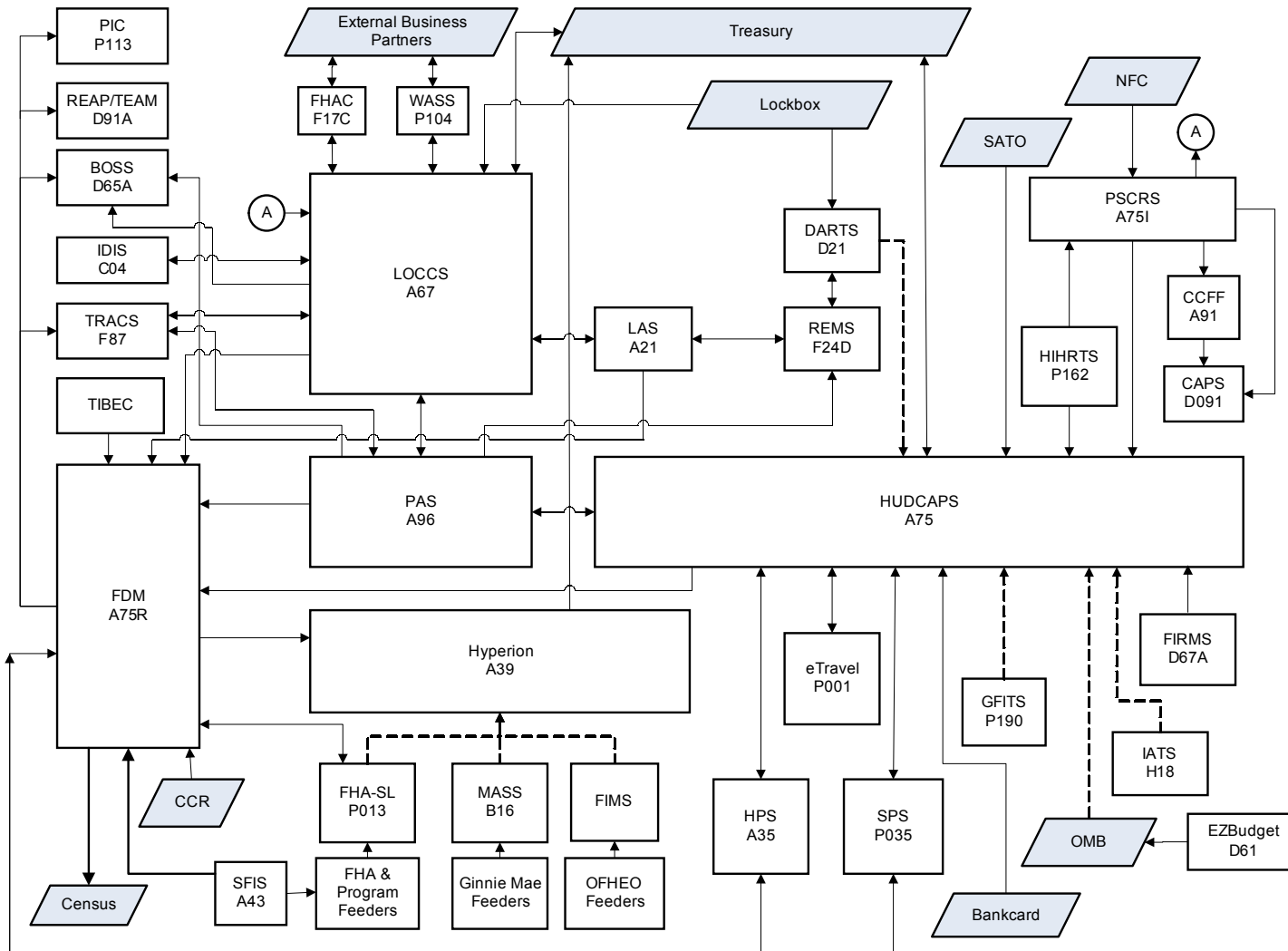


HUD's Financial Systems Environment Transition from Current to End State

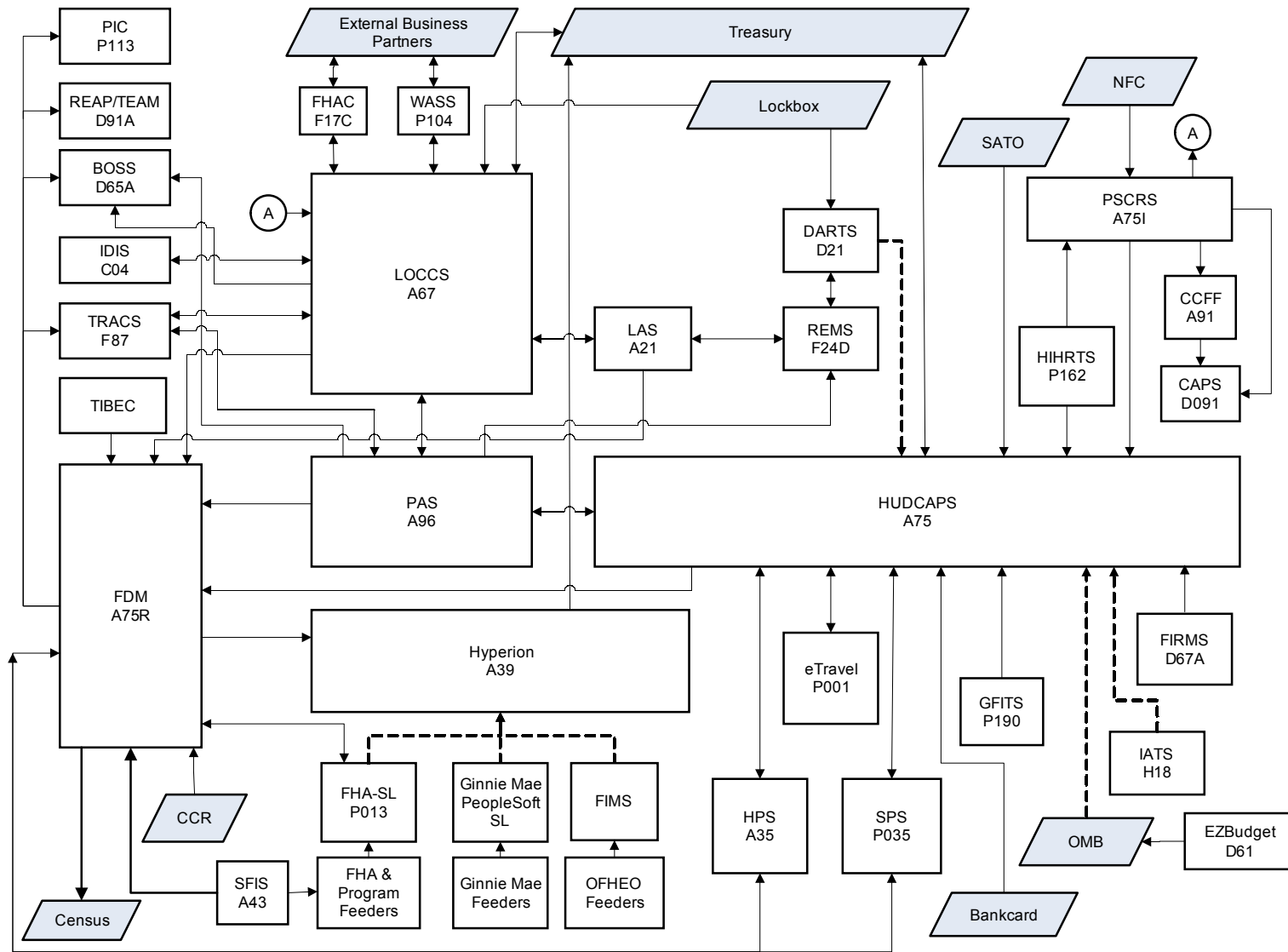
HUD Current Financial Systems Environment – FY 2005



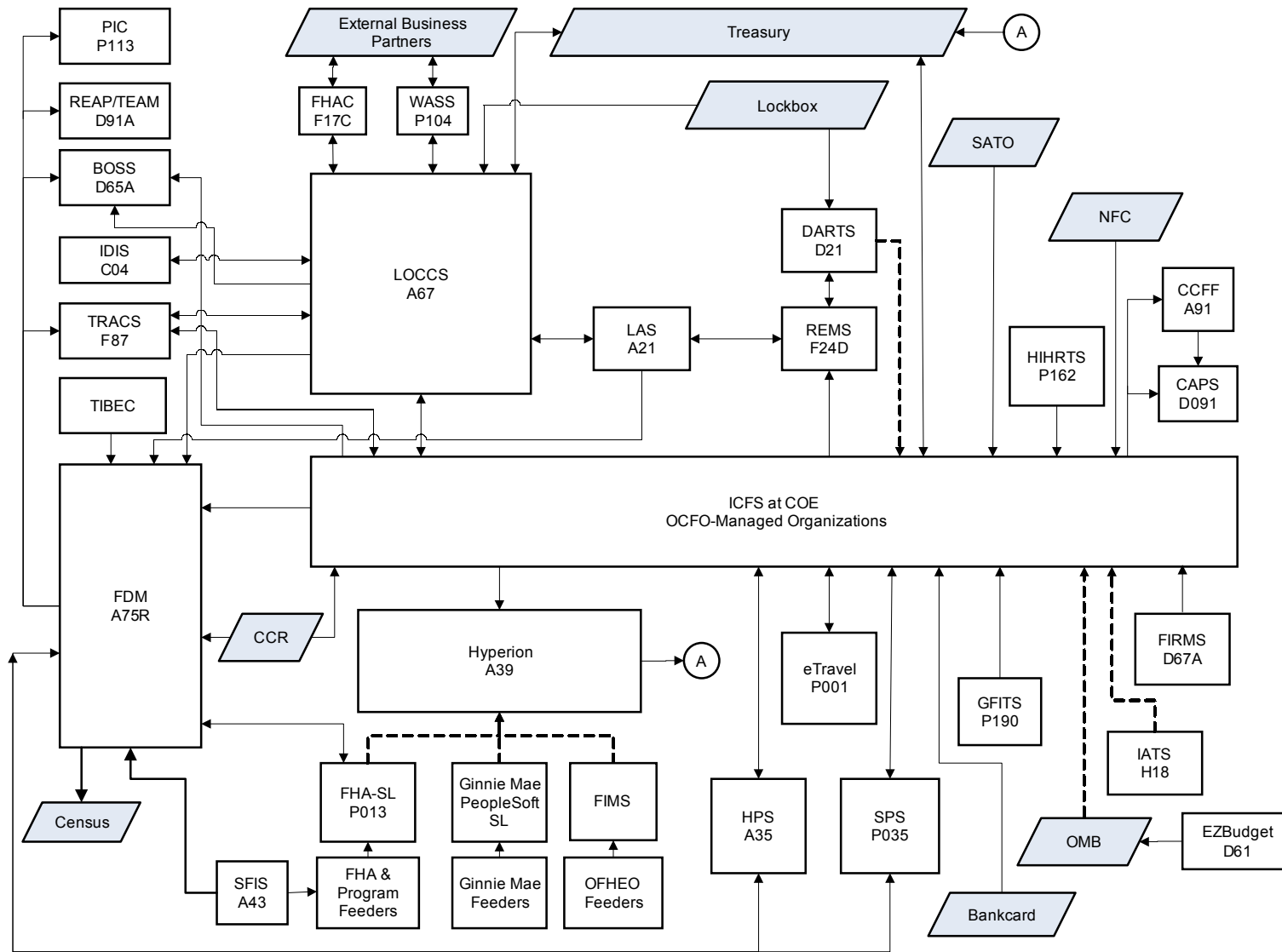
HUD Financial Systems Environment – FY 2006



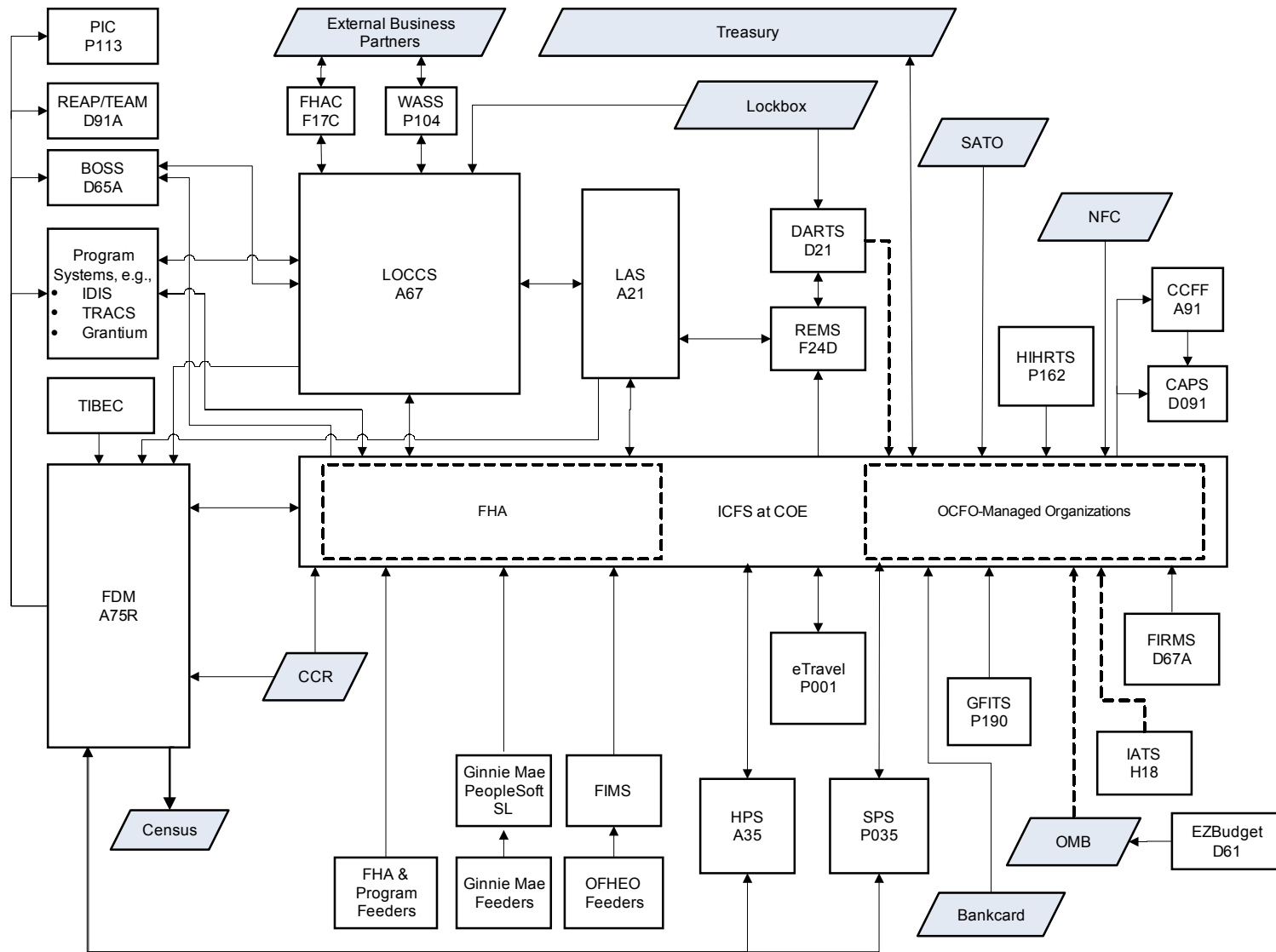
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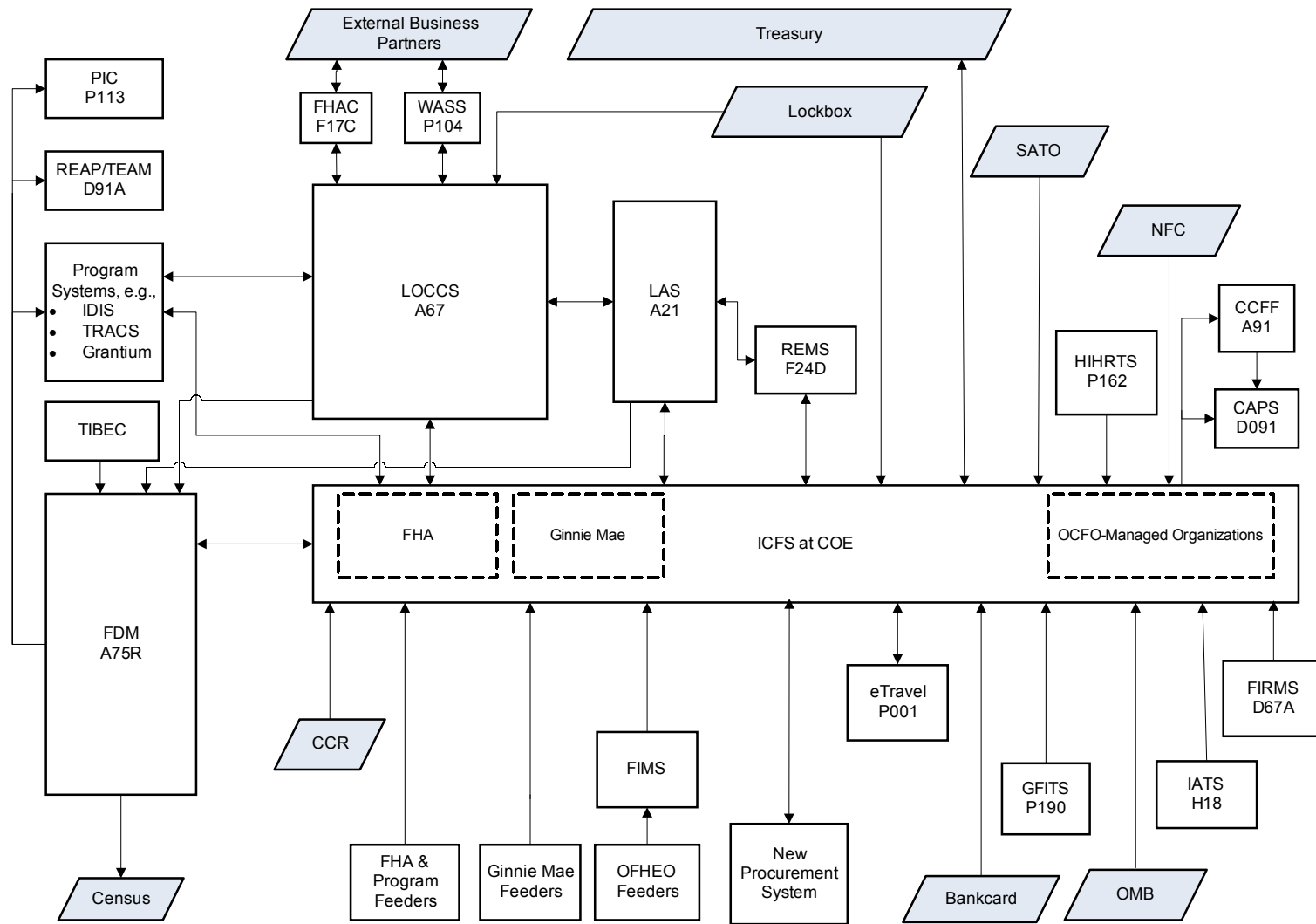
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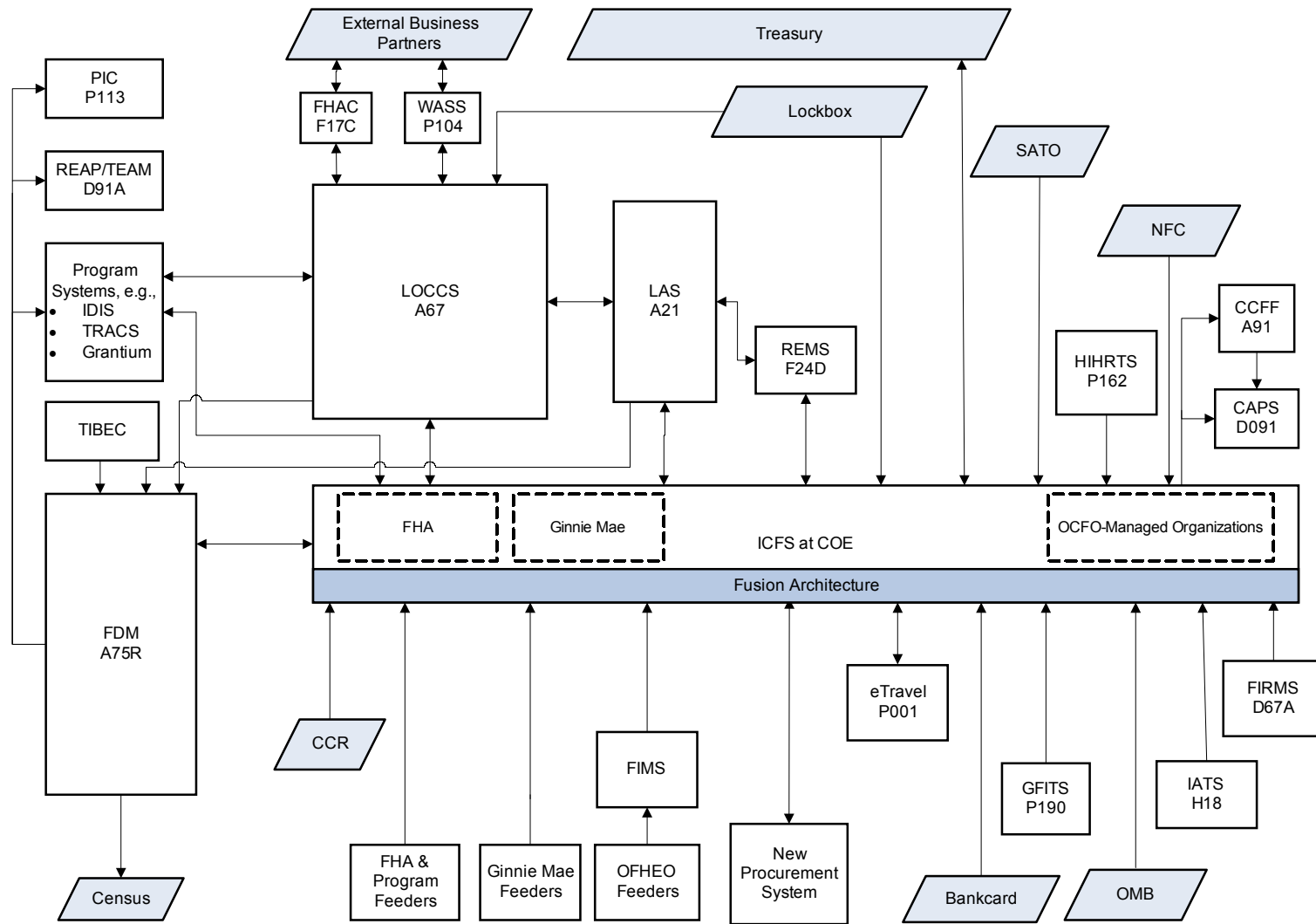
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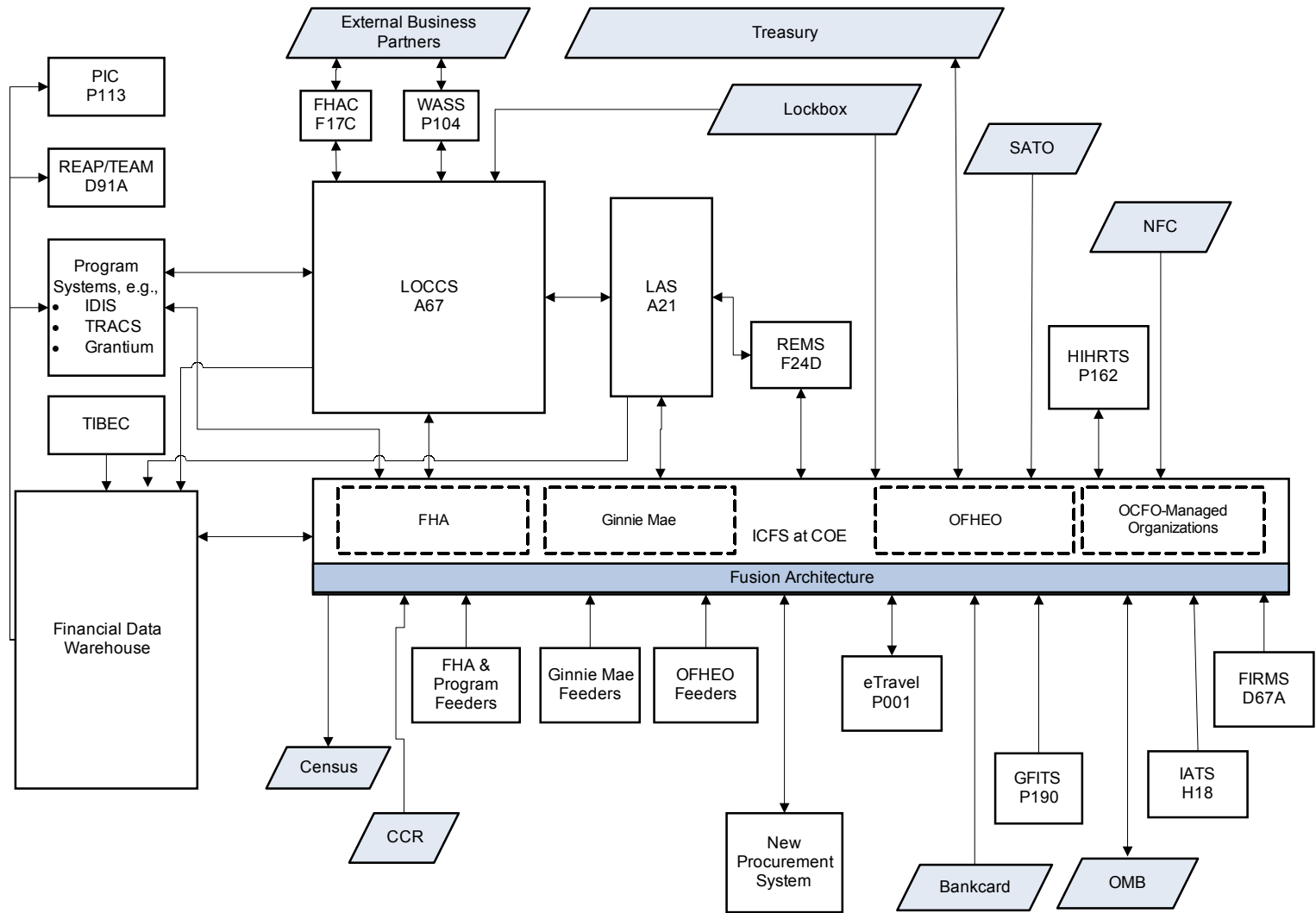
HUD Financial Systems Environment – FY 2010



HUD Financial Systems Environment – FY 2011



HUD Financial Systems Environment – FY 2012



HUD Financial Systems Environment – FY 2013

