CMS Integrated IT Investment & System Life Cycle Framework

IT Investment Selection Phase	IT Investment Control Phase	IT Investment Evaluation Phase
Pre-Project	Project	Post Project

Initiation Phase	Concept Phase	Planning Phase	Requirements Analysis Phase	Design Phase	Development Phase	Test Phase	Implementation Phase	Operations & Maintenance Phase	Disposition Phase

Governance Reviews: ISR, PBR, PDR, ORR

Project Reviews: AR, PSR, RR, DDR, VRR, IRR, PRR, ATO, PIR, OAR, CSM, DR

- Candidate Project Fact Sheet
- Project Process Agreement
- Project Mgmt Plan
- Business Case
- Project Schedule
- Business Process Model
- High-Level Technical Design
- Logical Data Model
- System Design Document
- Interface Control Document
- Version Description Document
- Business Product / Code
- Training Plan
- Test Summary Report
- Training Artifacts
- ATO Package
- Plan of Action & Milestones
- Corrective Action Plans (monthly)
- Project Closeout Report
- Post Implementation Report
- Annual Operational Analysis Report
- Annual Security Controls Testing Artifact
- Annual Contingency Plan Test
- System Disposition Plan
- Disposition Closeout Certificate
- Section 508 Product Assessment Package
- Information Security Risk Assessment
- Project Charter
- Release Plan
- Requirements Document
- Data Use Agreement
- Privacy Impact Assessment
- System Security Plan
- System of Records
- Test Plan
- Security Test & Evaluation
- Database Design Document
- Data Conversion Plan
- Contingency Plan Test
- Physical Data Model
- Test Case Specification
- Implementation Plan
- User Manual
- Operations & Maintenance Manual
- Contingency Plan
- CMA / IA*

AR – Architecture Review
PSR – Project Startup Review
ISR – Investment Selection Review
PBR – Project Baseline Review
RR – Requirements Review
PDR – Preliminary Design Review
DDR – Detailed Design Review
VRR – Validation Readiness Review
IRR – Implementation Readiness Review

PRR – Production Readiness Review
ATO – Authority to Operate
ORR – Operational Readiness Review
PIR – Post Implementation Review
OAR – Annual Operational Analysis Review
CSM – Continual Security Monitoring
DR – Disposition Review

* Computer Match Agreement & Inter-Intra Agency Agreement

Non Phase Specific
- Budget/Funding Artifacts
- Project Management Artifacts
- Acquisition Artifacts
- IV&V

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www.cms.hhs.gov/SystemLifecycleFramework