

CMS Integrated IT Investment & System Life Cycle Framework
(Checkpoints, Deliverables, & Activities)
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www.cms.hhs.gov/SystemLifecycleFramework

IT Investment Selection Phase (Pre-Project):

Initiation Phase

Candidate Project Fact Sheet
Business Process Model
Architecture Review (Project Review)

Concept Phase

Project Charter
Project Process Agreement
Business Case
High-Level Technical Design
Information Security Risk Assessment
Requirements Document
Privacy Impact Assessment
Project Start-up Review (Project Review)
Investment Selection Review (Governance Review)

IT Investment Control Phase (Project):

Planning Phase

Information Security Risk Assessment
Requirements Document
Project Management Plan
Project Schedule
Logical Data Model
Release Plan
Project Base Review (Governance Review)

Requirements Analysis Phase

Information Security Risk Assessment
Requirements Document
Project Schedule
Logical Data Model
Release Plan
System Security Plan
System of Records
Test Plan
Requirements Review (Project Review)

Design Phase

System Design Document
Interface Control Document
Information Security Risk Assessment
Physical Data Model
Data Use Agreement
Database Design Document
Data Conversion Plan
Release Plan
System Security Plan
System of Records
Test Plan
Section 508 Product Assessment
Test Case Specification
Implementation Plan
User Manual

Operations and Maintenance Manual
Contingency Plan
Computer Match Agreement / Inter-Intra Agency Agreement
Preliminary Design Review (Governance Review)
Detailed Design Review (Project Review)

Development Phase

Version Description Document
Business Product / Code
Training Plan
Information Security Risk Assessment
Data Use Agreement
Database Design Document
Data Conversion Plan
System Security Plan
Test Case Specification
Implementation Plan
User Manual
Operations & Maintenance Manual
Contingency Plan
Validation Readiness Review (Project Review)

Test Phase

Version Description Document
Test Summary Report
Training Artifacts
Information Security Risk Assessment
Data Use Agreement
System Security Plan
Implementation Plan
User Manual
Operations & Maintenance Manual
Contingency Plan
Implementation Readiness Review (Project Review)

Implementation Phase

Corrective Action Plan
Information Security Risk Assessment
Data Use Agreement
System Security Plan
Operations & Maintenance Manual
Contingency Plan
Security Certification & Accreditation
Operational Readiness Review (Governance Review)

IT Investment Evaluation Phase (Post Project):

Operations & Maintenance Phase

Post Implementation Review (Project Review)
Annual Operational Analysis Review (Project Review)

Disposition Phase

System Disposition Plan
Disposition Closeout Certificate
Disposition Review (Project Review)

Non-Phase Specific:

Budget/Funding Deliverables & Activities
Project Management Deliverables & Activities
Acquisition Deliverables & Activities
IV&V Assessment