

**Chapter: 7.0 Implementation Stage****Stage**

**Introduction:** Implementation of the product is initiated after all system-related testing has been successfully completed and approved by the client. This stage involves the activities required to install the software, databases, or data that comprise the product onto the hardware platform at the site(s) of operation. The activities associated with this stage should be performed each time the product is installed at a production site.

**Stage Inputs:** The following items provide input to the Implementation Stage:

*SEM Express*

- Initiation, Requirements and Design Plan
  - Including attached SEM templates
- Construction and Testing Plan
  - Including attached SEM templates

*PMM Express*

- Project Plan

## Security

- Security Plan

## Other Inputs

- Operating Documents
  - Users Manual
  - Developer's Reference Manual

**Stage High-Level Activities:**

High-Level activities in the Implementation Stage include, as applicable:

- Perform Installation Activities
- Conduct Installation Tests
- Transition to Operational Status

Refer to the Systems Engineering Methodology as needed for further detail regarding how to perform these activities.

**Stage**

**Touch Points:** The following touch points are involved in the Implementation Stage:

## Contracts and Procurement

- Contract Liaison involvement if contract issues arise

## Infrastructure Services

- Infrastructure Specialist involvement in issues resolution

## Security

- Security liaison assistance with finalizing and final sign-off of the Security Plan

***Stage Outputs:***

Several work products are developed during the Implementation Stage. The work products listed below are the minimum requirements for a small project. Deviations in the content and delivery of these work products are determined by the size and complexity of a project. Explanations of the work products are provided under the applicable activities described either in the SEM, in the PMM or other applicable documents.

*PMM Express*

- Post Implementation Evaluation Report (PIER) (*final*)

## Security

- Security Plan (*final*)

## Other Outputs

- Converted data or system files
- Installation Test materials
- Operating documents
- Operational software product