

Process-Oriented Build Tool

Polarion and SimPol

Process Definition

Define System Requirements



Define Software Requirements



Project Setup

Module ID
Sample Time
References

Design and Build

Requirements Allocation

SL Models
Test Cases
SL Data



Data Dictionary

Interfaces
Parameters
Constants
Enums

Models

Singleton
Reusable
Top-Level
fsdlib

Build

Shared Code
Functional Code
Package Code

Verification and Validation

Status Report

Code Verification

Inspect Code
Check Code Compliance
Code Defect Analysis
Code Proving
Code Coverage



Design Verification

Static Model Analysis
Design Error Detection
Model Review
Simulation Case Execution
Model Coverage

Polyspace

MATLAB/Simulink

MATLAB/Simulink