

8.0

Doing the SMC Job Effectively

Key SE/SEM Activities



Session Desired Learning Objectives

- Understand the basic elements of *two* key SMC SE/SEM activities
- Understand some of the practical do's/don'ts for performing these activities effectively



Core Disciplines/Functions

http://ax.losangeles.af.mil/se_revitalization/disciplines.htm

Configuration management, base lining, change management

Contract administration and development

Design

Earned Value

Environments

Environmental Management

External interfaces

Human factors

Independent Readiness Reviews

Logistics

Manufacturing/producibility/quality assurance

Mass properties

Modeling and simulation

Parts

Pricing/fact-finding

Program Reviews (Design, Technical)

Protection planning

Reliability, maintainability

Requirements flow down

Risk Management

Software

Subcontract management

Supportability and logistics

Survivability

Systems Safety

Tech transfer/insertion

Test

Threat

Tech processes and improvement (CMMI)

Training

Trade analysis

Value engineering

Verification/test and validation

Work breakdown

- Both HW-SW & Acquisition
- Acquisition System
- HW-SW System

