

# Developing a Plan for Successful Implementation

**Scott Coplan**  
President  
**COPLAN AND COMPANY**  
[scoplan@coplan.com](mailto:scoplan@coplan.com)



# Information Sharing Framework

**Measures of Success**

**Intelligence**

**Wireless**

**Information Exchange Definition**

**Data Standards**

**Technology Standards**

**Enterprise Architecture**

**Governance, Business Case, Scope, Funding**

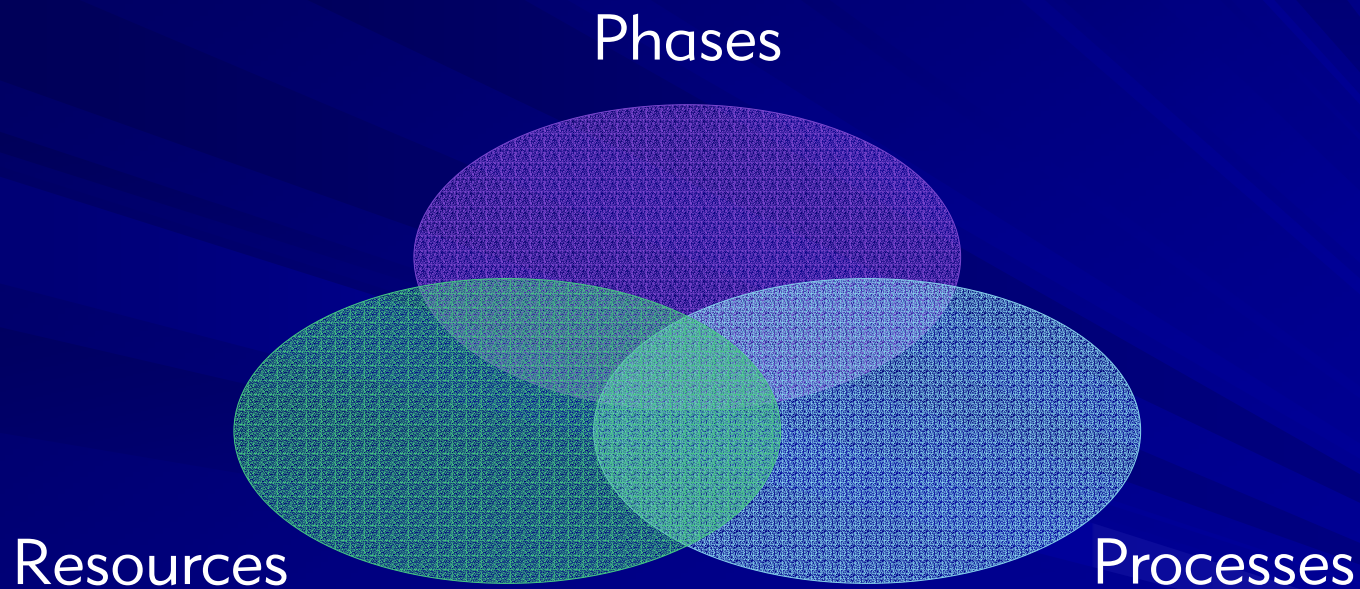
**Security Architecture**

**Privacy Plans**

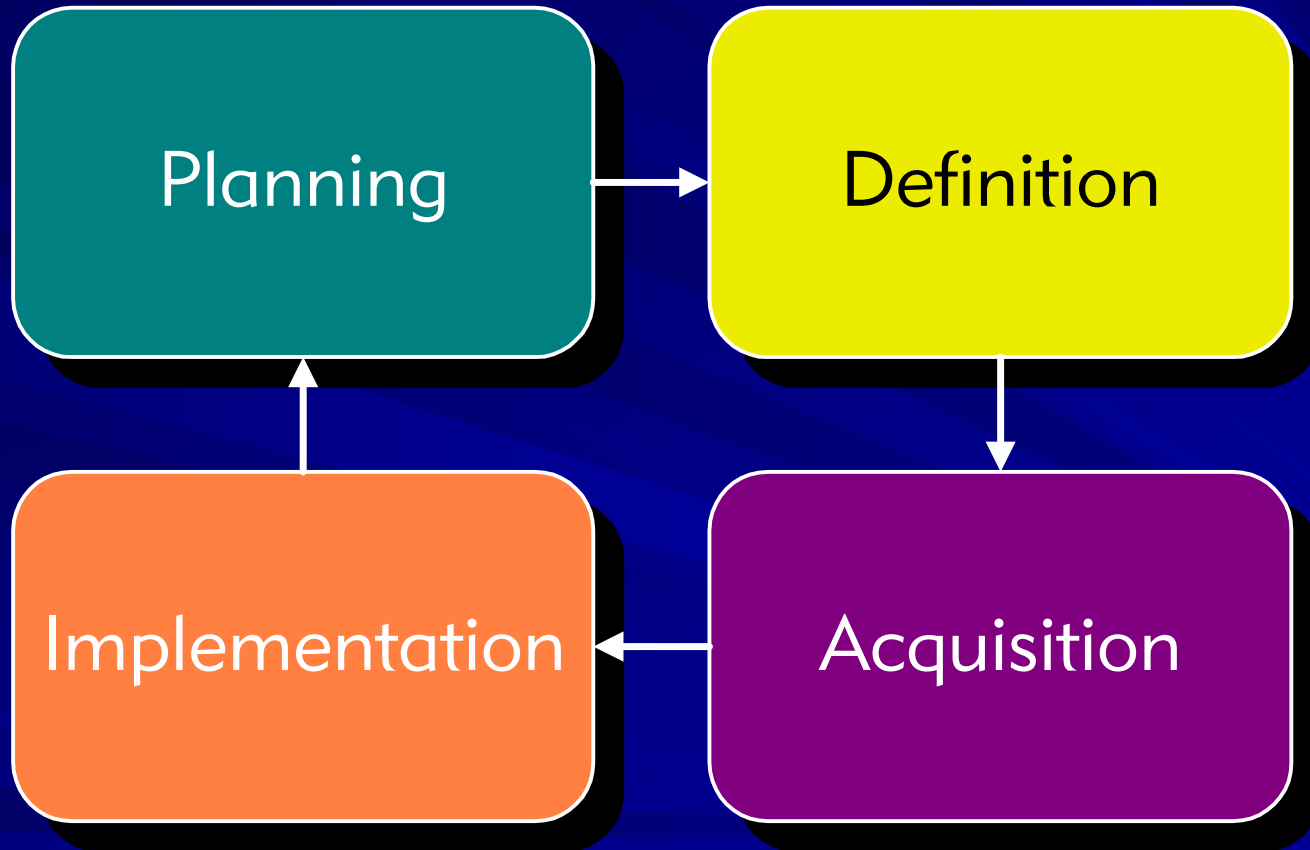
# Agenda

- Project Phases
- Management and Technical Processes
- Resources for Tools and Standards
- Exercise

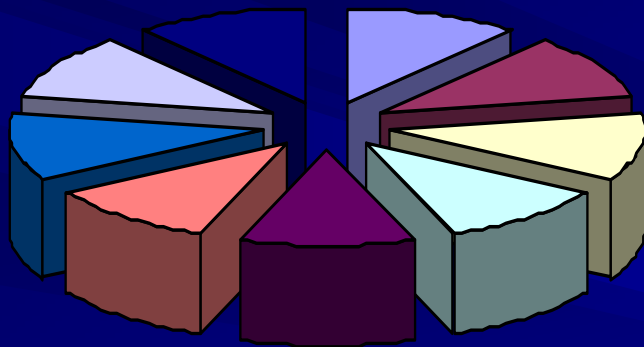
# Integration Project Components



# Project Phases



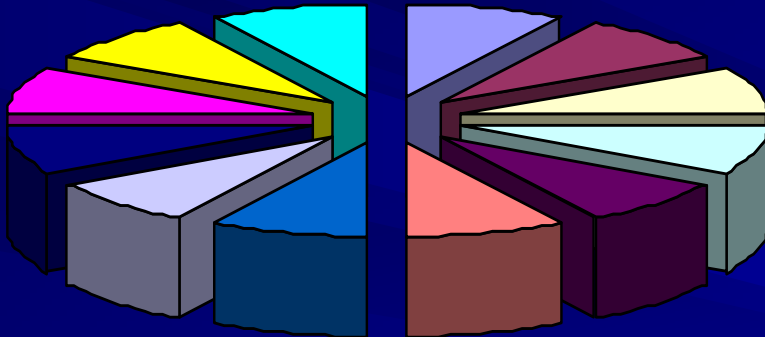
# Management Processes



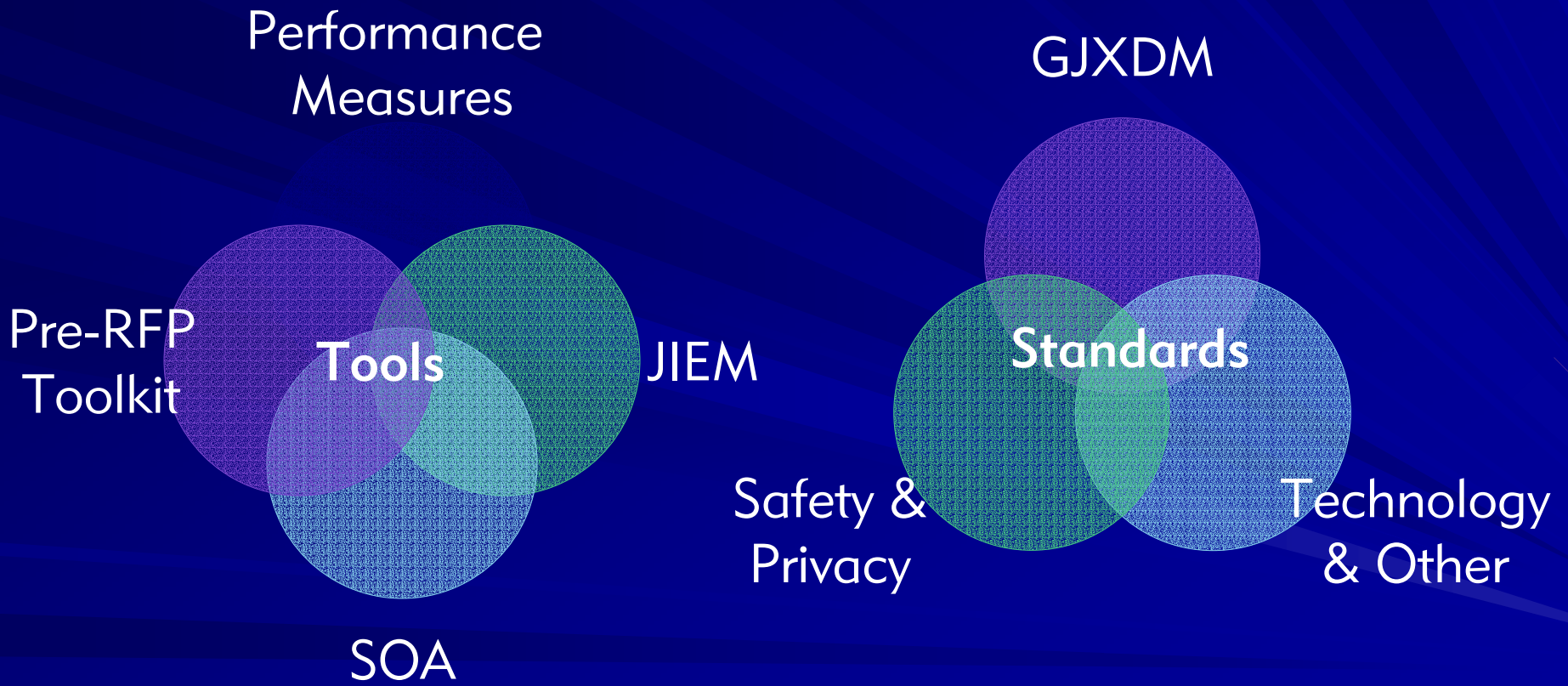
- Project Start-Up
- Work Plan
- Control Plan
- Risk Management
- Quality Management
- Problem Resolution
- Subcontractor Management
- Verification and Validation
- Closeout/Acceptance

# Technical Processes

- Infrastructure Plan
- Configuration Management
- Documentation Plan
- Software Preparation
- Safety, Privacy and Security
- Facility Preparation
- Software/Equipment Installation
- Training
- Integration
- Conversion
- Go-Live
- Maintenance and Support



# Resources



# Performance Tools



**CTG: Center for Technology in Government**

**SEPO: Systems Engineering Process Office**

**CSLJ: Center for Society, Law and Justice**

# Planning Processes

- **Management** – Identify project objectives, feasibility and organization
- **Technical** – Select tools to accomplish project objectives

# Planning Resources

- **Tools** – Determine readiness (CTG Metrics)
- **Standards** – Apply project management framework (PMI, IEEE)

# CTG Readiness Assessment



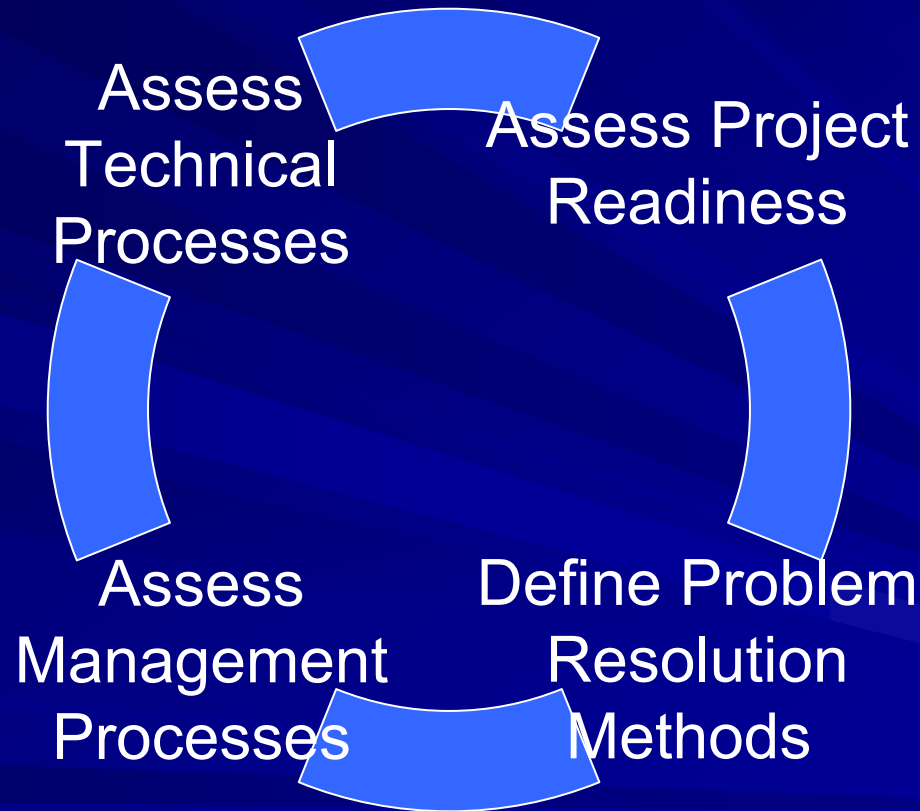
# Definition Processes

- **Management** – Prepare and use plans for work, budget, quality and risk management
- **Technical** – Manage definition of requirements

# Definition Resources

- Tools – Define exchanges (JIEM)
- Standards – Apply reference models (GJXDM and others), and establish project execution (SEPO) and outcome (CSLJ) measures

# SEPO Execution Assessment



# Acquisition Processes

- **Management** – Prepare solicitation, evaluate and negotiate solution
- **Technical** – Manage configuration and infrastructure

# Acquisition Resources

- Tools – Develop and distribute RFP (Pre-RFP Tool Kit) and evaluate responses
- Standards – Review execution and feasibility measures

# Implementation Processes

- **Management** – Control scope, configuration, change, cost, schedule, quality and acceptance
- **Technical** – Prepare, control and test solution

# Implementation Resources

- Tools – Simplify building and maintaining system (SOA)
- Standards – Apply execution and outcome measures

# CSLJ Outcome Assessment



# More Information

## ■ Planning

- CTG: <http://www.ctg.albany.edu>
- CMM: <http://www.sei.cmu.edu/cmm/>

## ■ Definition

- JIEM: <http://search.org/integration>
- CSLJ: <http://www.cslj.net/>

## ■ Acquisition

- Pre-RFP Toolkit: <http://ijisinstitute.org>

## ■ Implementation/Project Management

- PMI: <http://www.pmi.org>
- IEEE: <http://standards.ieee.org>
- COPLAN AND COMPANY: <http://www.coplan.com>
- SEPO: <http://sepo.spawar.navy.mil/sepo/>