



IT Program Management Standard

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Agenda

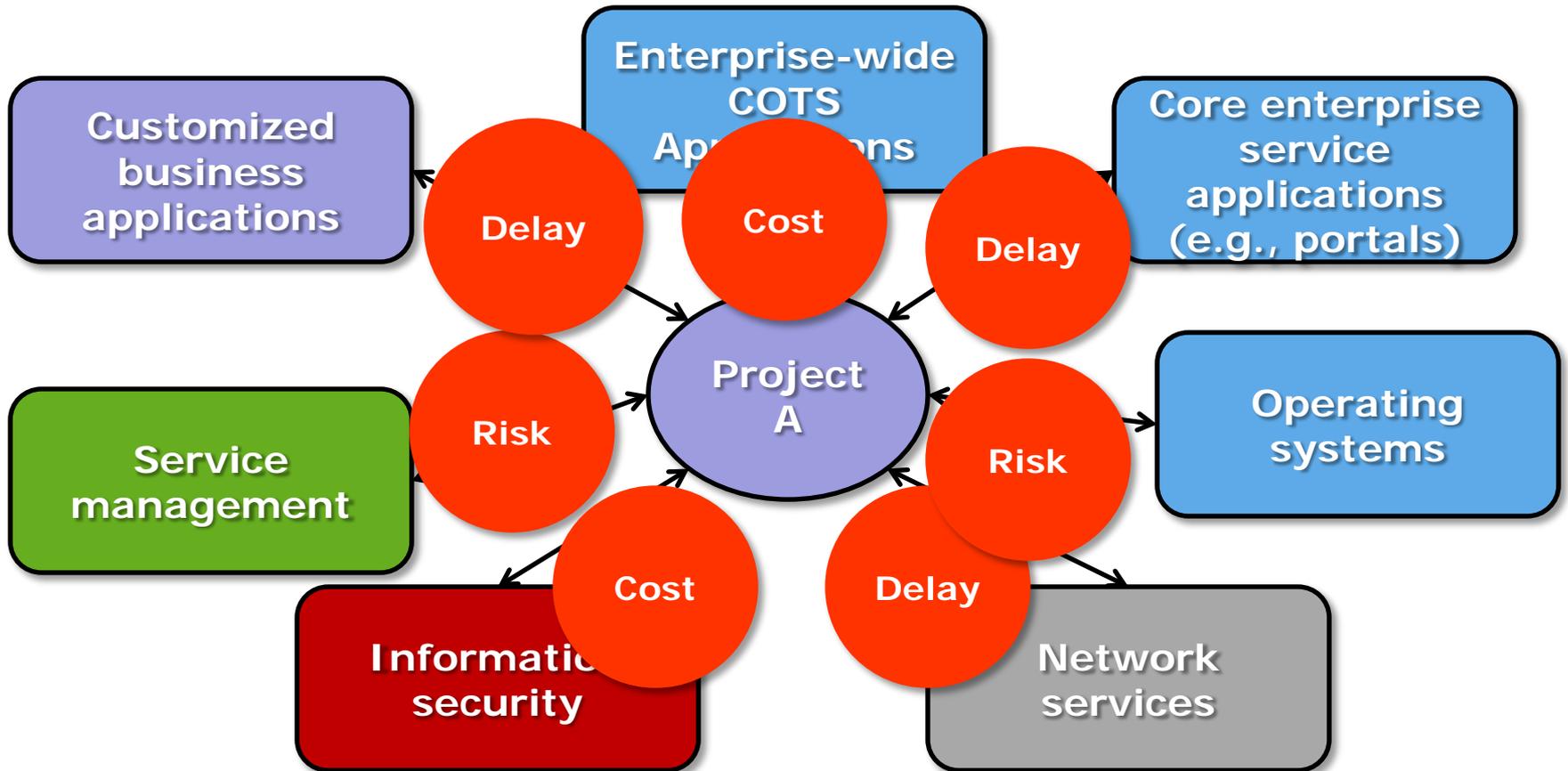
- Destinations
 - IT programs and developing the IT Program Management Standard
- Road map
 - IT program management lifecycle (draft)
- Under construction
 - Request your feedback on VITA's Online Review & Comment Application (ORCA)



You Might have an IT Program if ...

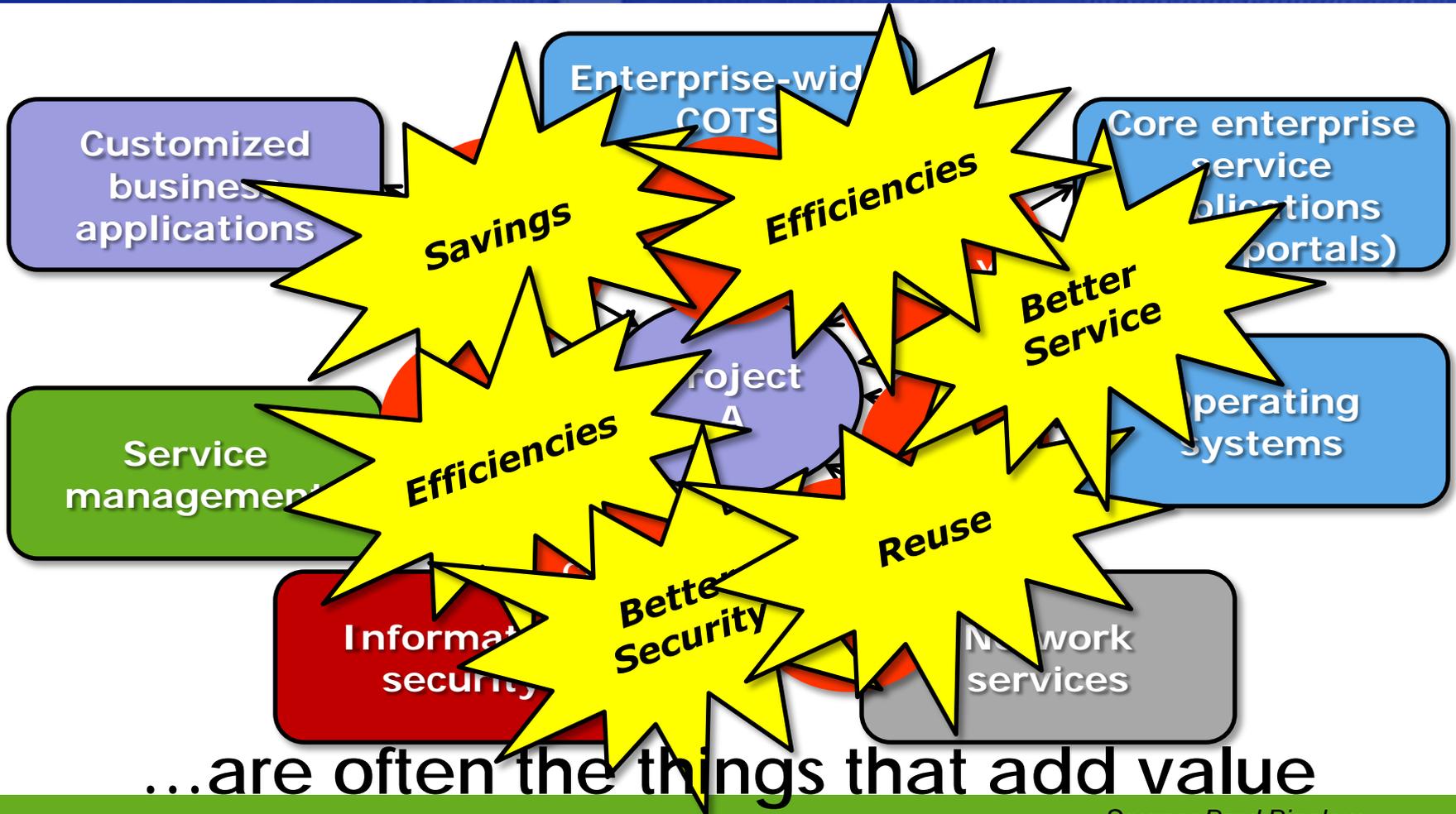
- You have a group of related projects or initiatives
- The related projects need a common management structure
- The related projects are charged with the achievement of results and outcomes that contribute to the success of overarching organizational goals
 - Pieces of a puzzle
- The related projects require:
 - Coordinated planning
 - Coordinated management
 - Coordinated execution

Interdependencies



...are headaches for the project manager

Interdependencies

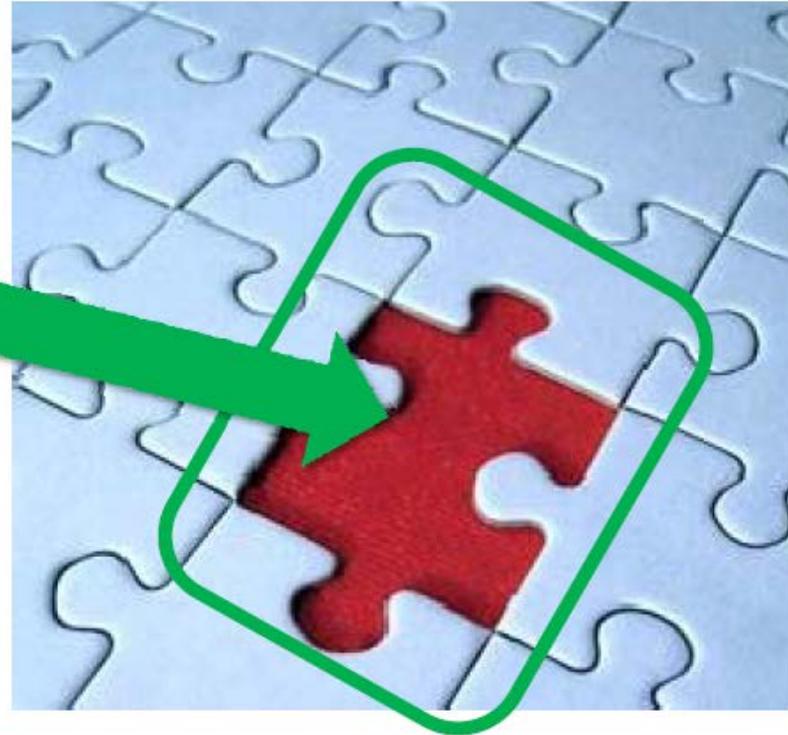


...are often the things that add value

IT Program Management 101



IT Projects deliver the pieces



The Program makes sure they fit



What do you gain by running a program?

- Reduce project workload by consolidating some activities, documentation requirements at program level
 - Coordinate and communicate at program level
 - Reduces duplication of effort across business units
 - Opportunity for greater efficiencies
- Better executive engagement and buy-in
 - Programs manage the delivery of business value
 - POC typically consists of executives
 - Broad exposure across business units, agencies, and secretariats
- Manage complexity, decrease risk across project boundaries



Why an IT Program Management Standard?

- Need for Program Management Standard
 - Number of IT programs underway
 - SHHR eHHR / VDOT RNS / DMV FACE
 - In hindsight, some large, lengthy projects should have been programs
- The Project Management Standard is inadequate for IT programs
 - The Project Management Standard “does not require specific processes or documentation for the management of programs ...”
 - Problem: JLARC and APA identified this gap
 - Solution: Create an IT program framework



Working Definition of an IT Program

- Coordinated planning, management and execution:
 - Group of related IT projects
 - Organized within a common management structure
 - To achieve specific organizational goals and benefits
 - Not available by managing the projects individually
- Programs may include elements of related work outside of the scope of the component projects

Tip: A program is not simply an overly large project

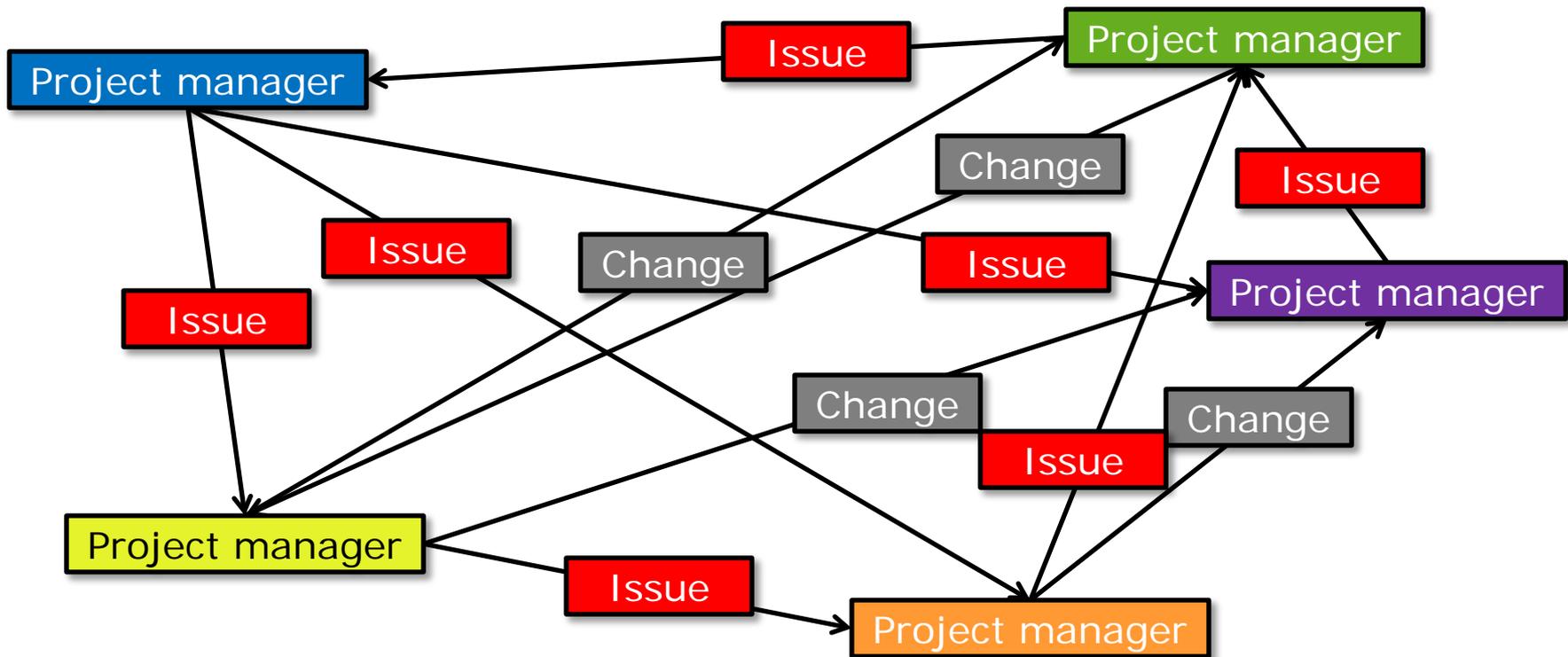


IT Program Management Functions

- Program governance
- Management
 - Change control
 - Risk
 - Cost
 - Quality
 - Architecture
 - Testing
 - Stakeholders
 - Communications
 - Schedule
 - Configuration
 - Security
 - Requirements
 - Procurements
- Systems integration
- Verification and validation
- Transition to operations

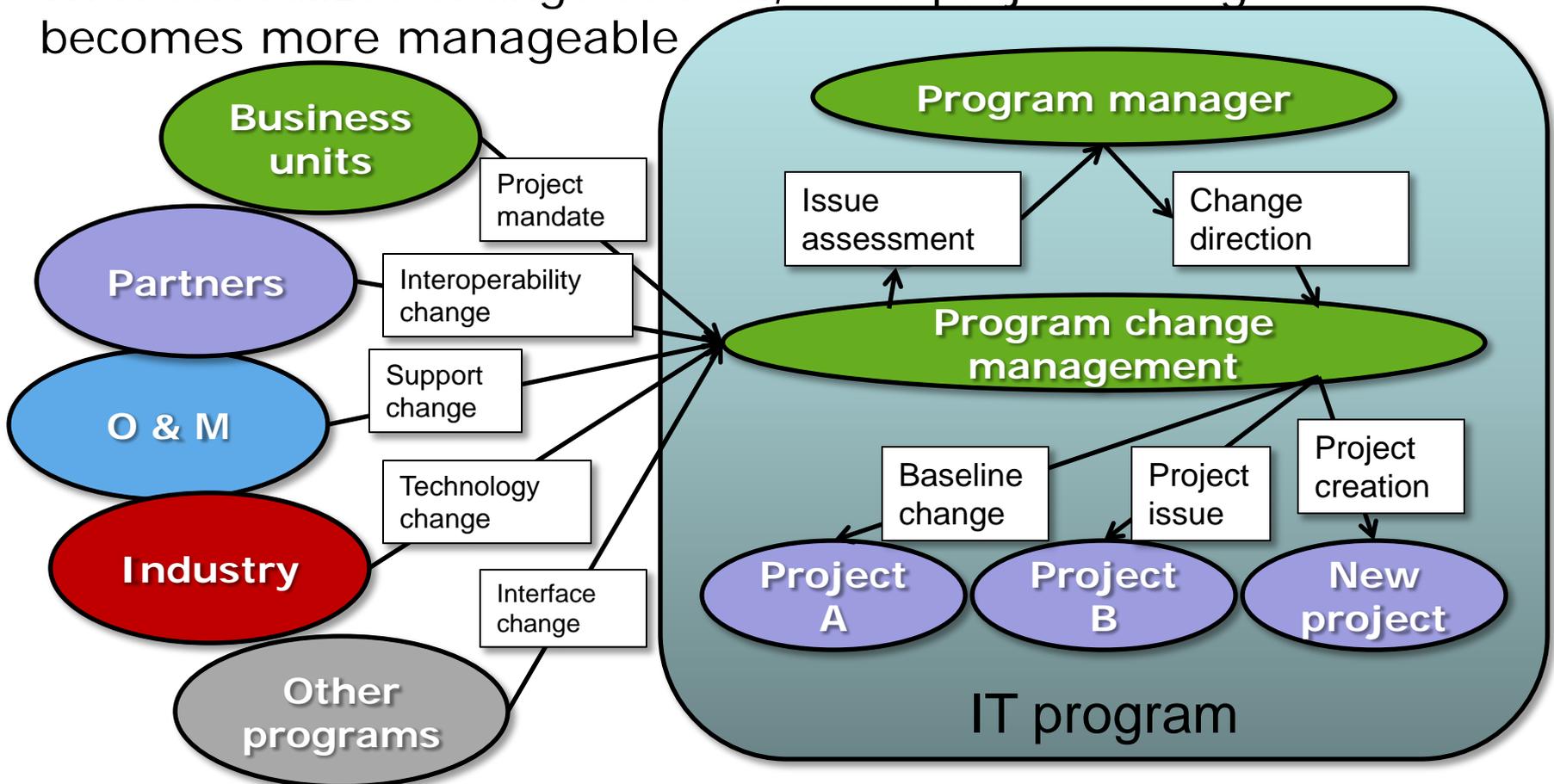
Focus On: Change Management

Without centralized change control, inter-project change becomes unmanageable

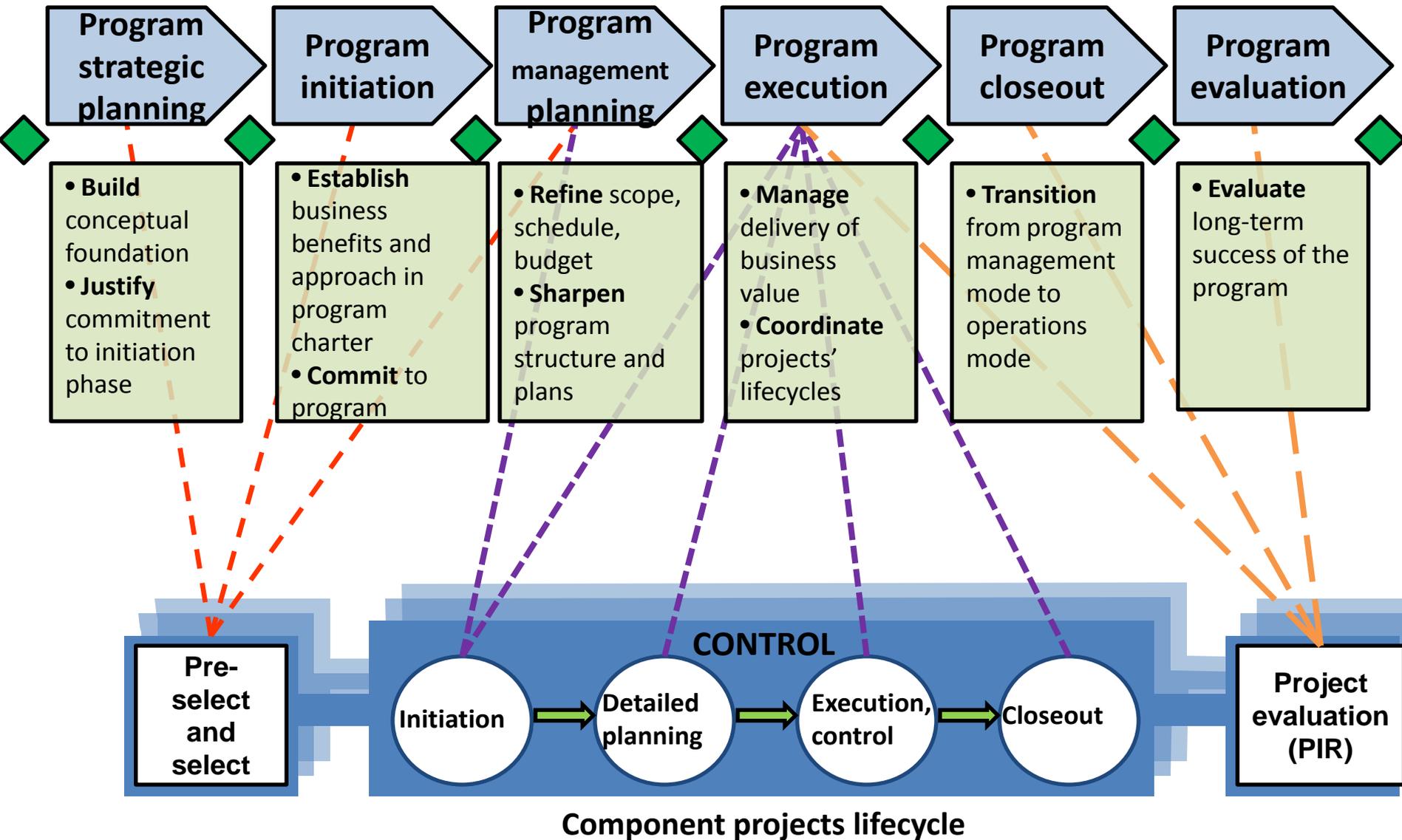


Managing Change within an IT Program

With centralized change control, inter-project change becomes more manageable

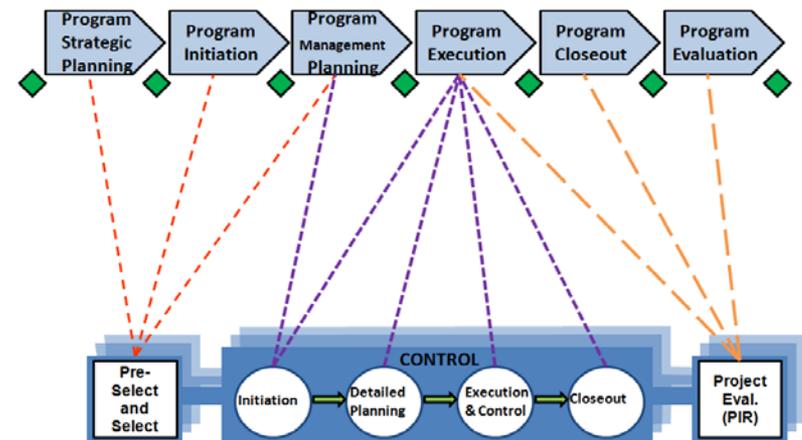


IT Program Lifecycle



The PgM Standard Describes Each Phase

- Purpose of the phase
- Phase start status
- Phase objective
- Inputs
- Activities
- Outputs
- Phase end status
- Documentation requirements
 - CTP
 - Supplementary documentation
- Approval hierarchy





Program Management Standard -

Project Management Standard -

- For component projects within a program...
- All of the VITA Project Management Standard requirements ...
 - Required procedures
 - Required governance
 - Required documentation... still apply; (no changes to standard required) however...
- Some project-level documentation can be consolidated at the program level that can satisfy certain project-level requirements
- Reduces the administrative burden on the IT project manager



Under Construction: Program Management Tools

- Program Management Standard
 - ORCA review March 15 – April 15
- Program management guideline
 - ORCA review soon
 - Several templates
 - Program charter / change control plan
 - Program management plan
 - Quality management and IV&V plan
 - Risk and issue management plan + +
- Code of Virginia revisions
- Program vs. project activities, documentation matrix
- Project manager selection and training standard



Takeaways

- IT Program Management Standard designed to establish a common-sense framework for managing multiple, related IT projects
- The IT Program Management Standard is in ORCA; comments due by April 15
- Implementation date: July 1, 2013 (CIO, SoTech approvals)
- Questions? Comments? :
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