

Integrate IT Strategic Planning with Performance Measurement



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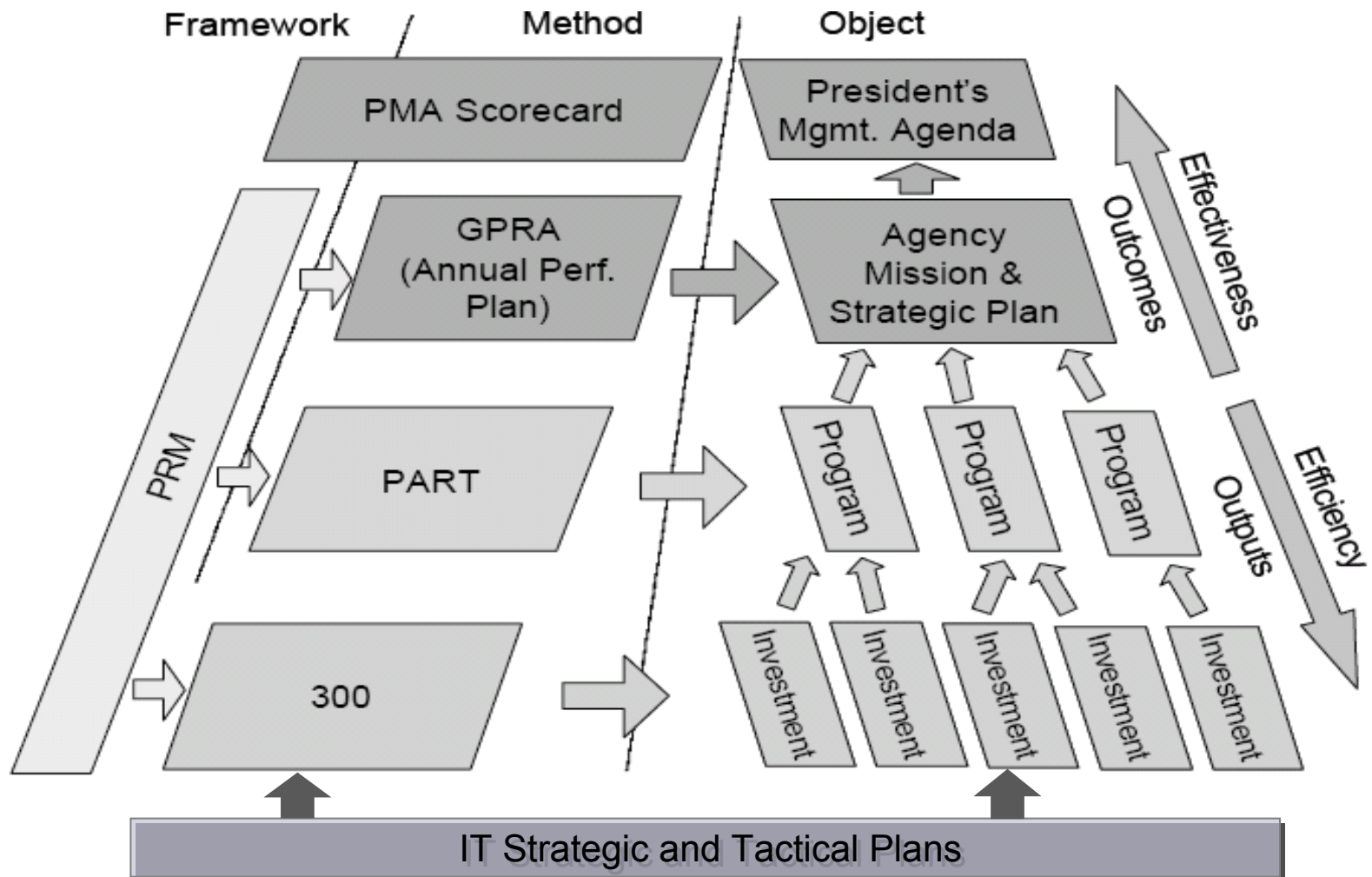
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Content Summary

This presentation discusses a full scope practice mechanism and comprehensive components involved for IT strategic planning and performance measurement integration in federal government domain. It contains:

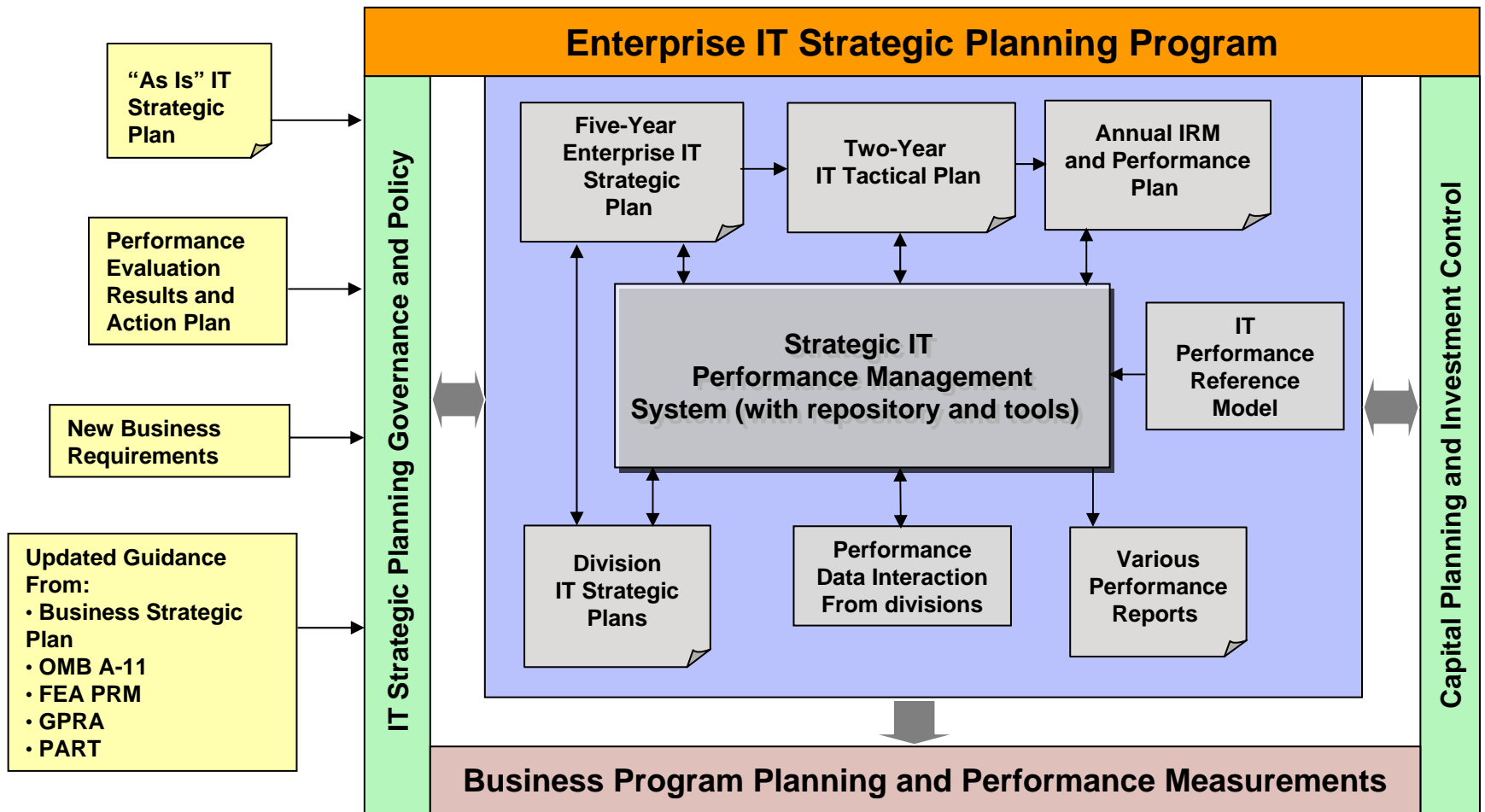
- **The landscape of strategic planning and performance measurement**
- **IT strategic planning structure, model, and lifecycle for practice**
- **Performance measurement model**
- **IT strategic planning and performance measurement integration**
- **Performance management system**

Landscape for Strategic Planning and Performance Measurement

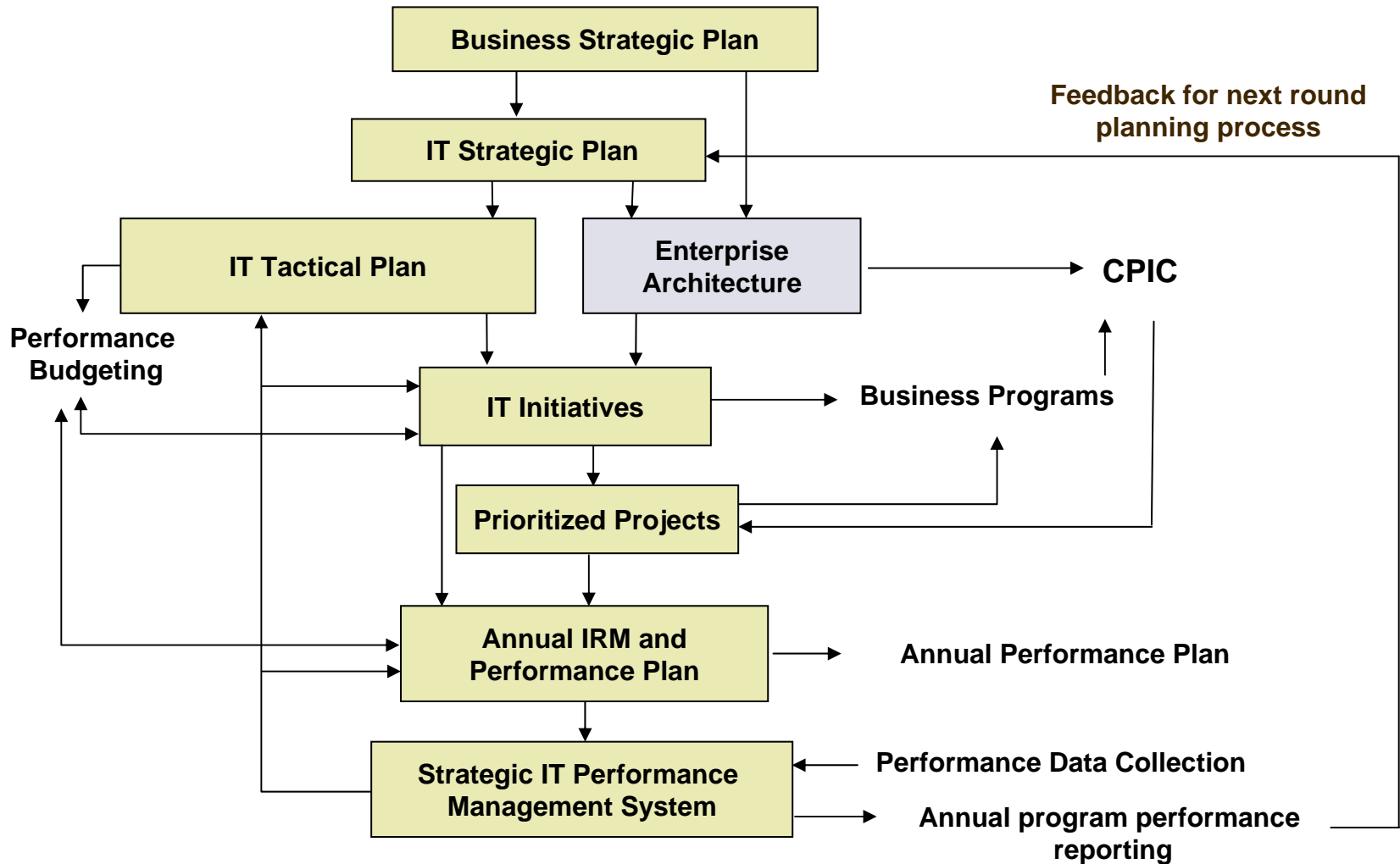


IT Strategic Planning Structure

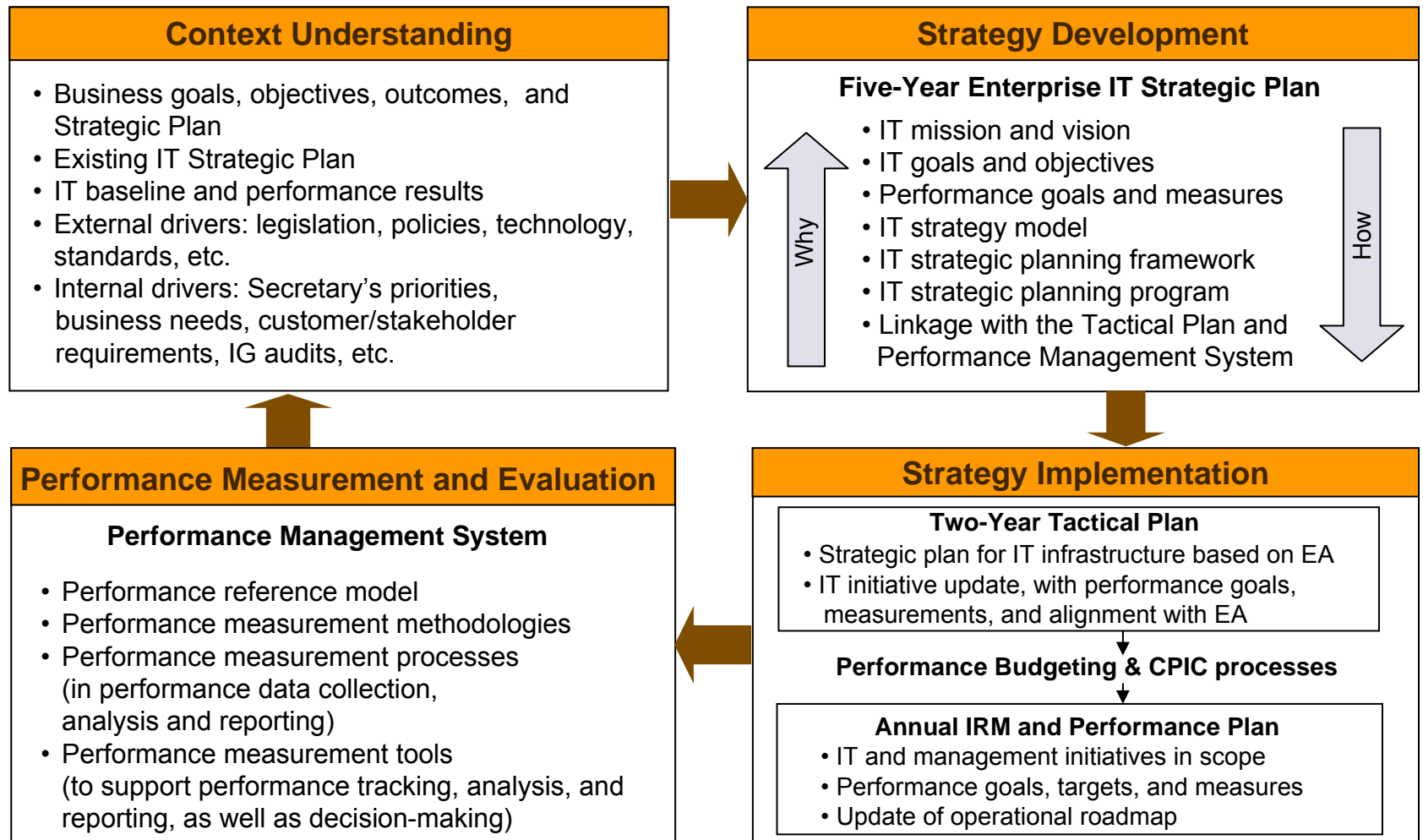
-- Components and Relationships



IT Strategic Planning Model



IT Strategic Planning Lifecycle Framework



Performance Measurement Model and Examples -- Planned Measures

IT Strategic Objectives	Performance Goals	Performance Measures	Performance Indicators
Provide integrated information services across internal agency, external partners, and the public.	<ul style="list-style-type: none"> Goal 1: Improved integration of public service information Goal 2: xxxxx 	<ul style="list-style-type: none"> Percentage of data sources integrated Percentage of systems interoperable 	<ul style="list-style-type: none"> Data sources integrated: 60% Systems interoperable: 50%



Initiative Objectives	Performance Goals	Performance Measures	Performance Indicators
Initiative A Objective: Integrate Systems and Services	<ul style="list-style-type: none"> Interoperable systems and services for selected business areas 	<ul style="list-style-type: none"> Percentage of systems and services integrated Percentage of interoperable systems and services 	<ul style="list-style-type: none"> Systems and services integrated: 60% Interoperable systems and services: 50%
Initiative B Objective: Integrate Data Management Systems	<ul style="list-style-type: none"> A federated data management system 	<ul style="list-style-type: none"> Percentage of the data management systems joined federation 	<ul style="list-style-type: none"> Data management systems joined federation: 60%
Initiative C Objective: Consolidated Health Informatics	<ul style="list-style-type: none"> Established standard for Federal agencies and departments 	<ul style="list-style-type: none"> Standard coverage for informatics domains Stakeholder adoption and acceptance 	<ul style="list-style-type: none"> Standard coverage: 65% Stakeholder adoption and acceptance: 80%

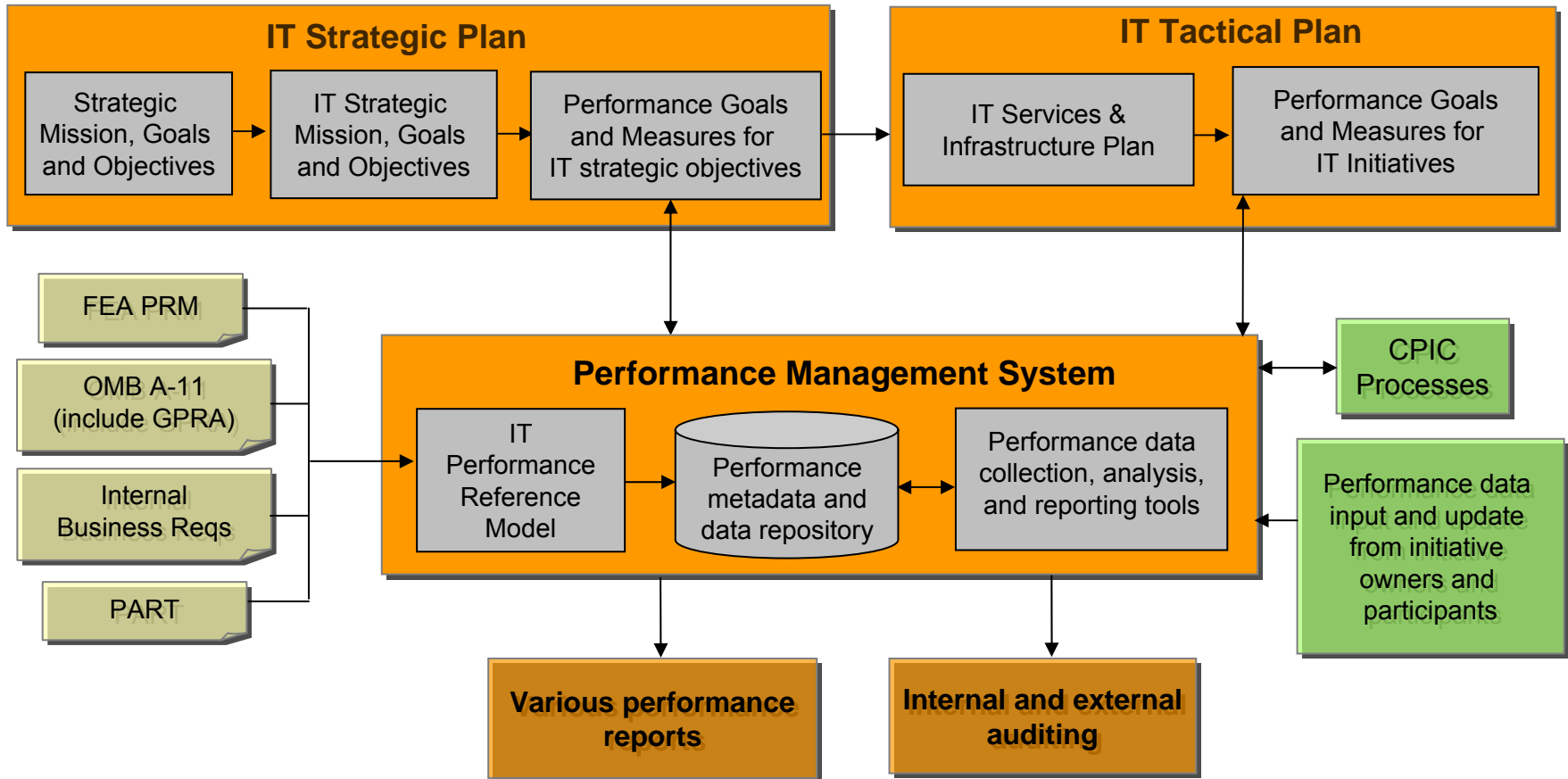
Performance Measurement Model and Examples -- Actual Results

IT Strategic Objectives	Performance Goals	Performance Outcome Measures	Performance Outcome Indicators
Provide integrated information services across internal agency, external partners, and the public.	<ul style="list-style-type: none"> Goal 1: Improved integration of public service information Goal 2: xxxxx 	<ul style="list-style-type: none"> Percentage of data sources integrated Percentage of systems interoperable 	<ul style="list-style-type: none"> Data sources integrated: 60% Systems interoperable: 50%

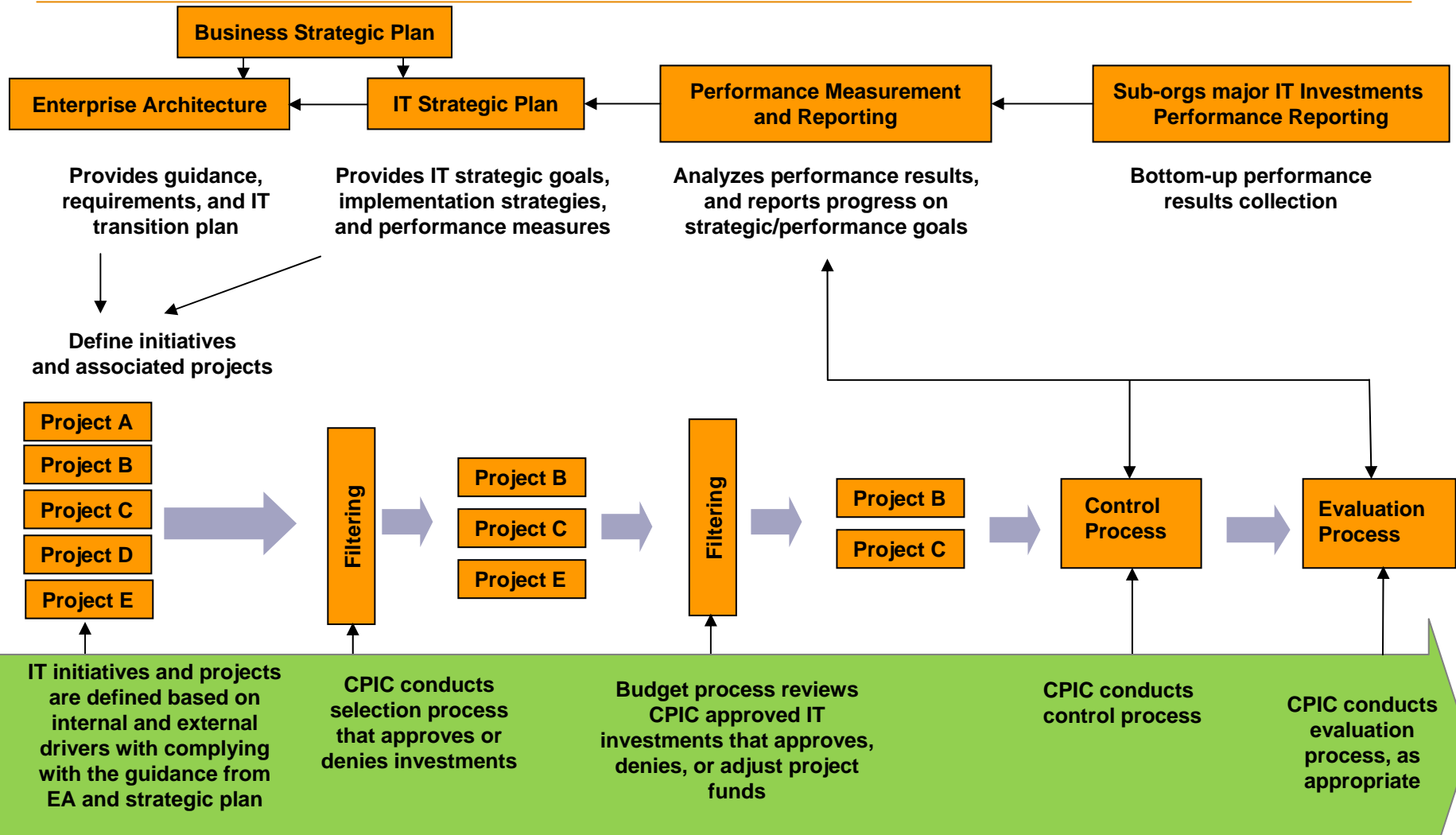


Initiative Objectives	Performance Goals	Outcome Measures	Outcomes Indicators
<p>Initiative A Objective: Integrate Systems and Services</p>	<ul style="list-style-type: none"> Interoperable systems and services for selected business areas 	<ul style="list-style-type: none"> Percentage of systems and services integrated Percentage of interoperable systems and services 	<ul style="list-style-type: none"> Systems and services integrated: 51% Interoperable systems and services: 49%
<p>Initiative B Objective: Integrate Data Management Systems</p>	<ul style="list-style-type: none"> A federated data management system 	<ul style="list-style-type: none"> Percentage of the data management systems joined federation 	<ul style="list-style-type: none"> Data management systems joined federation: 60%
<p>Initiative C Objective: Consolidated Health Informatics</p>	<ul style="list-style-type: none"> Established standard for Federal agencies and departments 	<ul style="list-style-type: none"> Standard coverage for informatics domains Stakeholder adoption and acceptance 	<ul style="list-style-type: none"> Standard coverage: 66% Stakeholder adoption and acceptance: 81%

Framework for IT Strategic Plan and Performance Measurement Integration



Integration of Strategic Plans, CPIC, and Performance Measurement



Performance Management System

- **The Performance Management System consists of:**
 - Performance Measurement Approach
 - Performance Reference Model
 - Performance Measurement Model (Matrix)
 - Performance Measurement Process Model
 - Performance Measurement Tools
 - Performance Management Framework
- **It enables actual performance measurements and tracking of initiatives, programs, and projects, as well as alignment with IT strategic objectives**

Performance Measurement Approach

- **Identify roles and responsibilities for performance measurement**
- **Identify measurement models and processes**
- **Define methods for performance measurement, analysis, and reporting**
- **Identify tools for performance measurement and data management support**

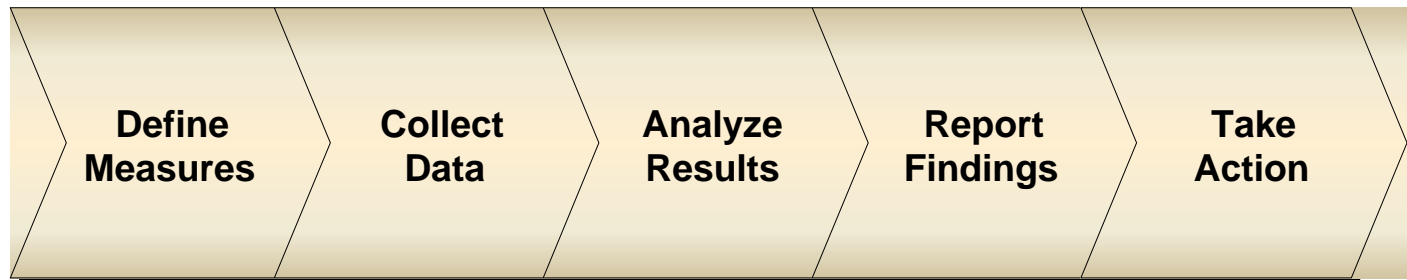
Performance Reference Model

- **A Performance Reference Model can be created based on FEA Performance Reference Model and performance measurement guidance from OMB A-11, GPRA, PART, GAO, internal business requirements, etc. The content for an agency PRM can include:**
 - Measurement areas and categories (what is measured)
 - Multi-dimensional performance indicators
 - Performance matrix
- **The Performance Reference Model for IT can be considered as a sub-model.**

Performance Reference Model (2)

Measurement Areas	Measurement Categories	Measurement Dimensions	Performance Indicators
Performance Measurements for Strategic Objectives	<i>List of the performance goals (created based on strategic objectives and BRM)</i>	<i>List the measurement dimensions for each performance goal</i>	<i>List the performance indicators for each performance dimension</i>
Customer Results Measurements	<i>List of categories for customer results measurements</i>	<i>List the measurement dimensions for each category</i>	<i>List the performance indicators for each performance dimension</i>
Business Programs, Processes, and Activities Supported	<i>List of the supported programs, processes, and activities</i>	<i>List the measurement dimensions for each program, process, or activity</i>	<i>List the performance indicators for each performance dimension</i>
Technology Measurements	<i>Infrastructure, services, applications, systems, etc.</i>	<i>List the measurement dimensions for each category</i>	<i>List the performance indicators for each performance dimension</i>
Capital Planning and Budgeting	<i>List of categories for capital planning and budgeting</i>	<i>List the measurement dimensions for each category</i>	<i>List the performance indicators for each performance dimension</i>
Resource Management	<i>List of categories for resource management</i>	<i>List the measurement dimensions for each category</i>	<i>List the performance indicators for each performance dimension</i>

Performance Measurement Process Model



Source: HHS

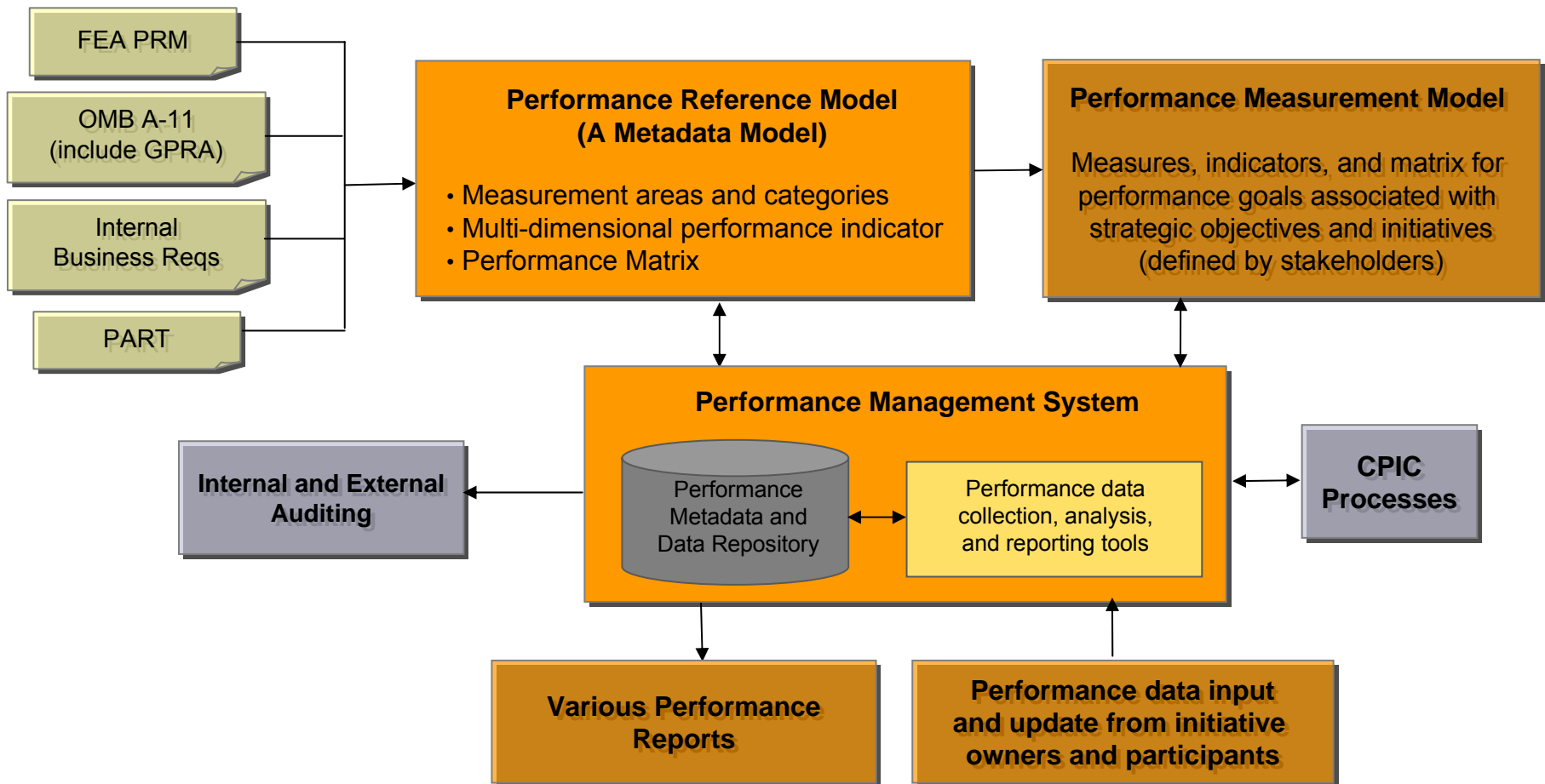
Performance Measurement Tools

The Performance Measurement Tools can be selected in the following categories:

- **Performance measurement portal website**
- **Performance data collection tool**
- **Performance data analysis tool**
- **Performance data repository and reporting tool**

**** Different COTS products can be used for separate categories of tools, also one COTS product may be applied to multiple categories**

Performance Management Framework



Conclusion

This presentation discussed:

- **The background of IT strategic planning and performance measurement in federal government**
- **The structure and models proposed for IT strategic planning and performance measurement**
- **The practice recommendations for IT strategic planning and performance measurement integration**