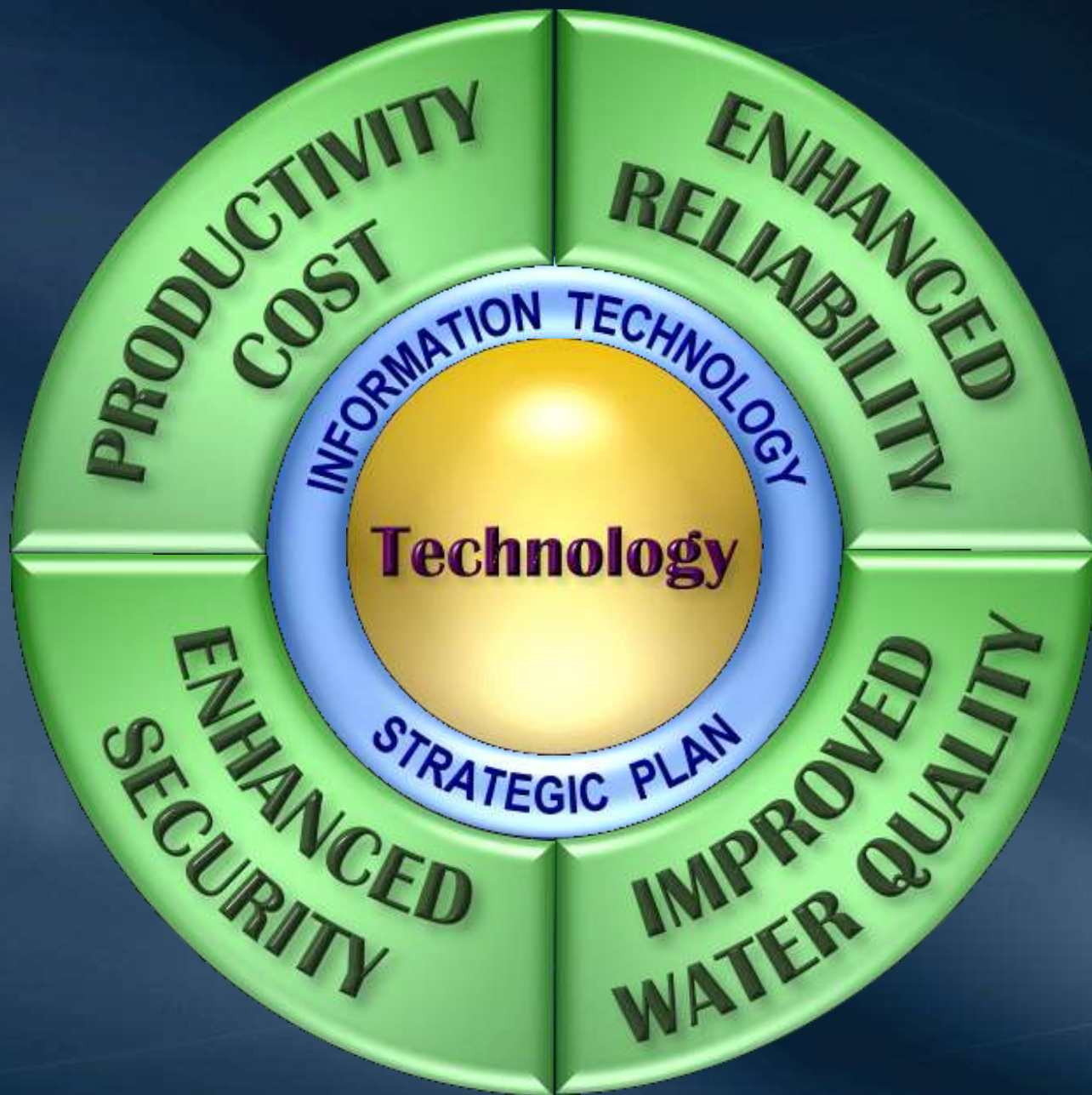


Engineering & Operations Committee Item # 6a

- Subject: IT Strategic Plan Update – Quarterly Report for Period Ending March 2010
- Purpose: Provide a quarterly update on the progress to implement the Information Technology Strategic Plan and information technology activities in general.

IT Strategic Plan Update – Quarterly Report for Period Ending March 2010

Engineering & Operations Committee
Item # 6a
June 7, 2010



Key Highlights

- **Supported Water System Operations (WSO) by completing version upgrade to the Laboratory Information Management System for compliance monitoring**
- **Supported WSO by developing an industrial waste water reporting application**
- **Conducted on-going emergency preparedness training and disaster recovery exercises**
- **Completed major update to the IT Strategic Plan**

Themes for Updated IT Strategic Plan

● Reduced Costs

- Continue aggressive virtualization
- Cloud Computing

● Increased Productivity

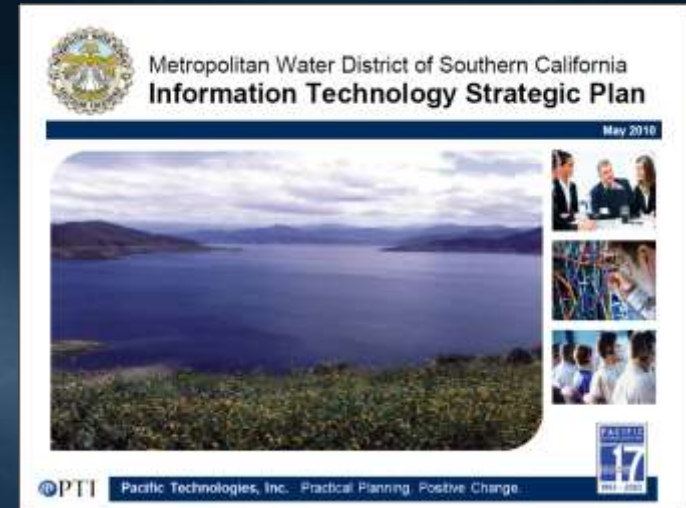
- Workforce Mobility
- Collaboration

● Maintaining Core IT Assets

- Core Mission Critical Infrastructure
- Reliability and Security

● Enhancing IT Skills

- Succession planning
- Business Unit needs and new technology



Server Consolidation

Applications: Budgeting, GIS, CAD, Laboratory Information Management, etc.

Web-site hosting



Software development



Data Files and Databases



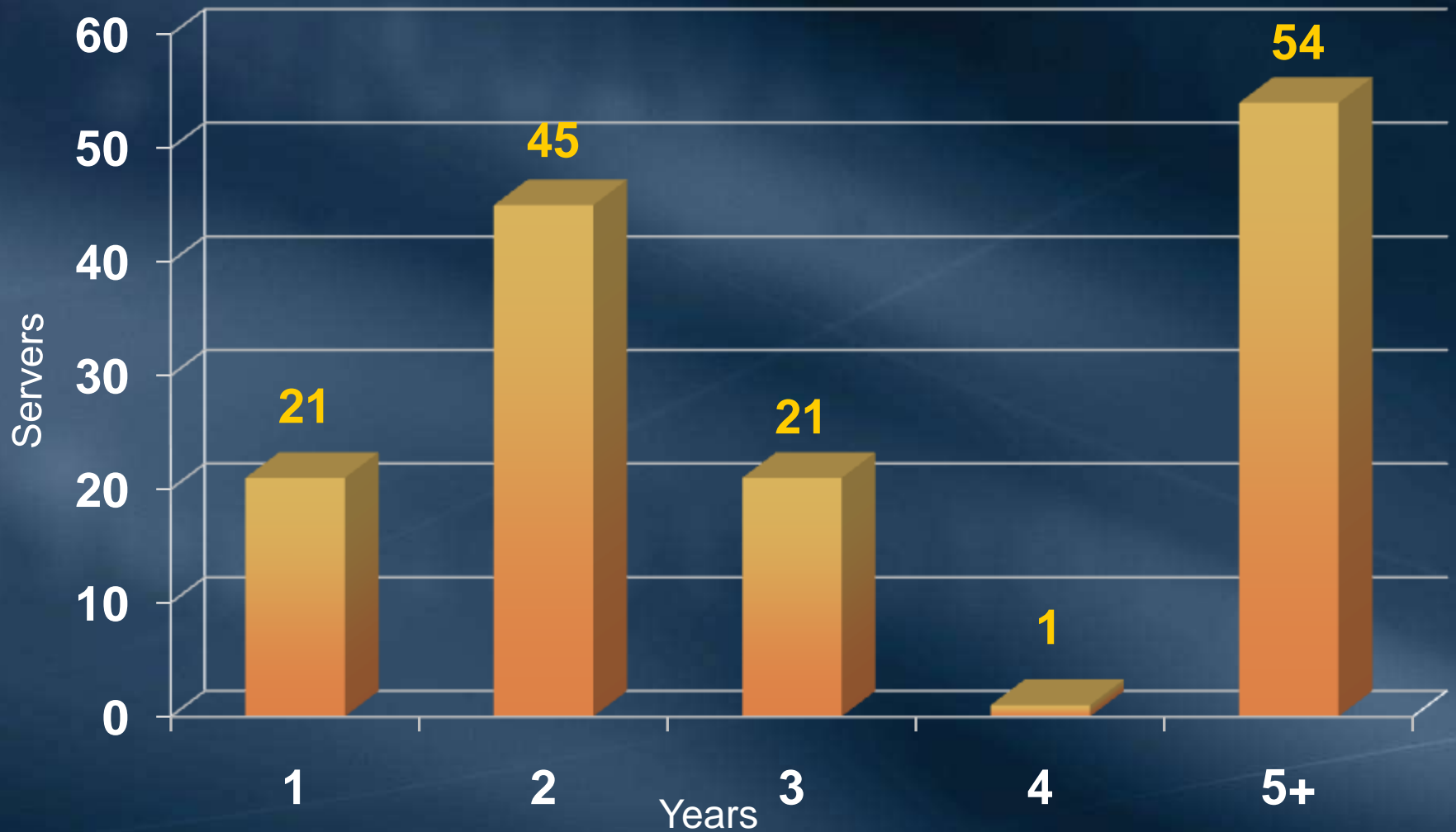
Testing



Email routing

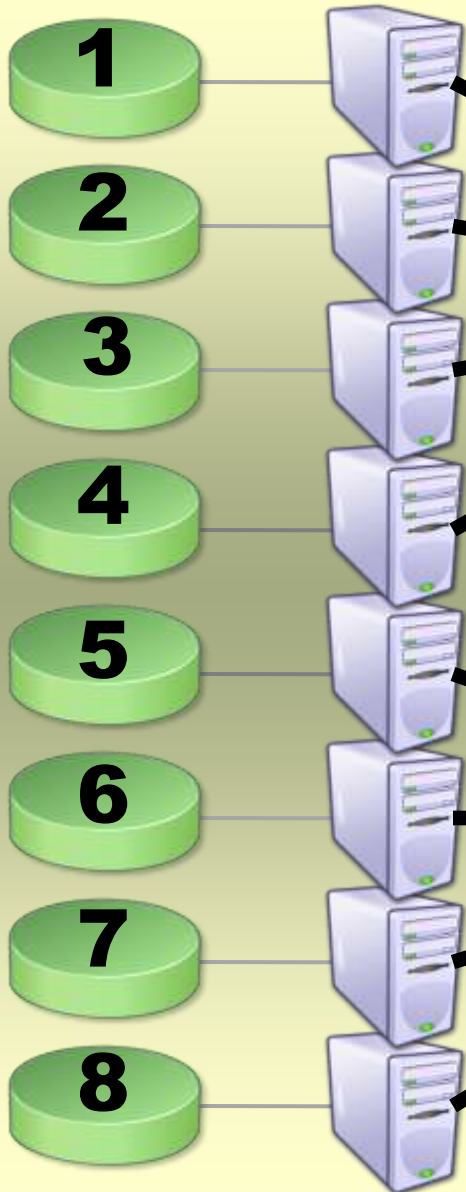


Age Distribution of Servers

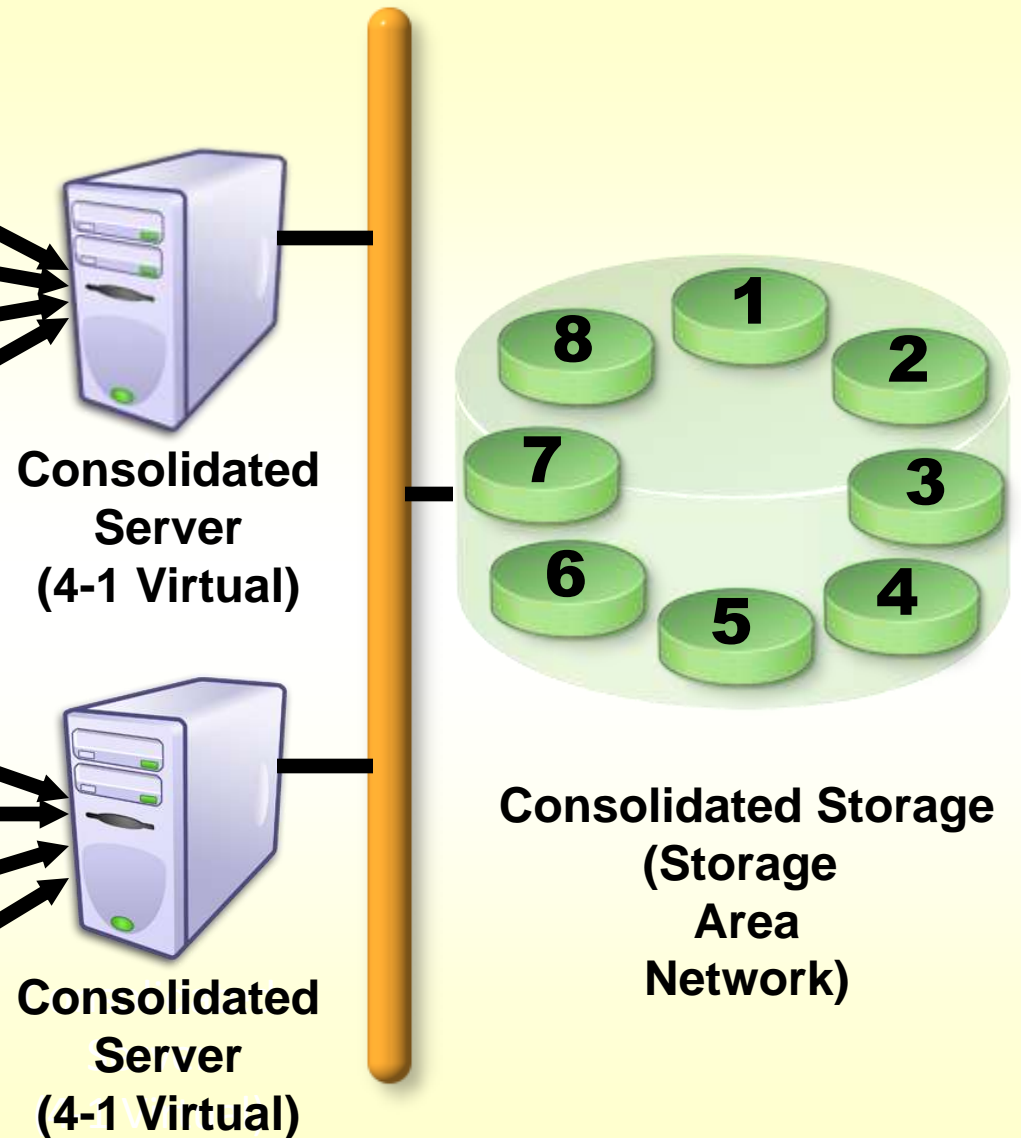


Overview

Old



New



Consolidation Benefits

- **Fewer hardware purchases**
 - \$ 506,000 net cost savings to date
 - \$ 1,390,000 in projected savings over 5 years
- **Less energy consumption**
 - Energy consumption reduction: 1,700 MWh/year
 - \$170,000 reduction in energy costs per year
- **Greater reliability and availability**

Next Quarter Milestones

- Complete the deployment of Inventory Bar Coding System at La Verne warehouse
- Deploy the materials interface between the Maintenance and Inventory systems
- Complete the IT security encryption pilot
- Initiate pilot for the Computer-Aided Design Management System

