

Subject: Information Technology Strategic Plan

Purpose: Provide a quarterly update on progress to implement Metropolitan's Information Technology Strategic Plan and information technology activities in general.

Organization, Personnel and Technology (ORAL REPORT required, hide slide )

Item #6a

Summary

Provide a quarterly update on progress to implement Metropolitan's Information Technology Strategic Plan and information technology activities in general.

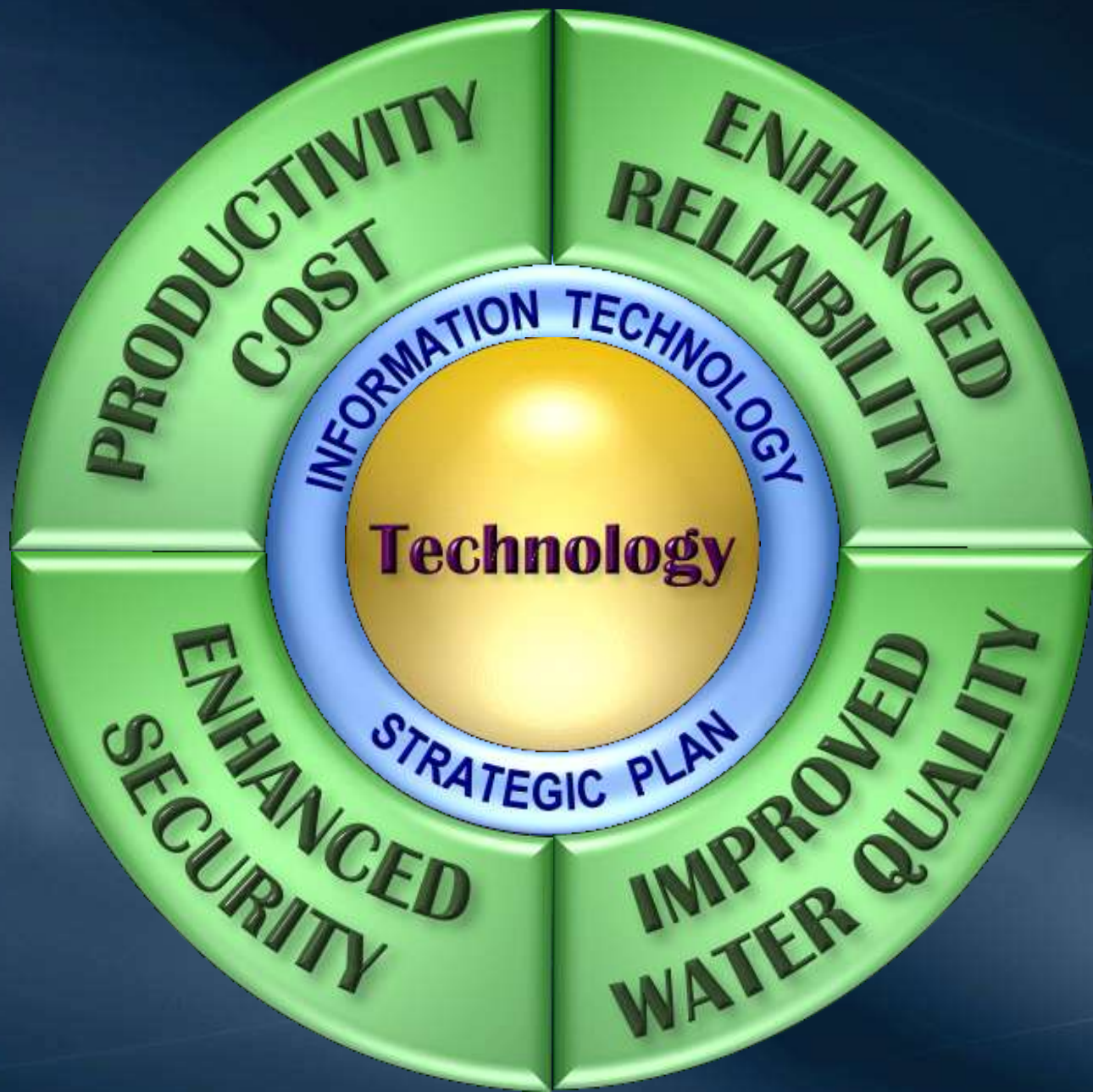


# IT Strategic Plan Update – Quarterly Report for Period Ending December 2012

Organization, Personnel and Technology

Item# 6a

March 12, 2013



# Key Highlights

- Completed new fiber/copper (telecommunication upgrades) at Morris Dam
- Completed upgrade of communication backbone for SCADA
- Continued development and testing of Water Quality Lab Sheet and Electronic Systems Log Upgrades
- Deployed web-based (WorkTech) timekeeping System

# Leveraging Innovative Technology

- Piloting mobile approval for purchase requisitions and time recording system
- Enhanced SWP Invoice Workflow
- Collaboration (Cloud based)

# Mobile Applications

- Current practice - computer connected to Metropolitan's network (fixed location)
- Piloting Mobile Technology - purchase requisition and time recording approval



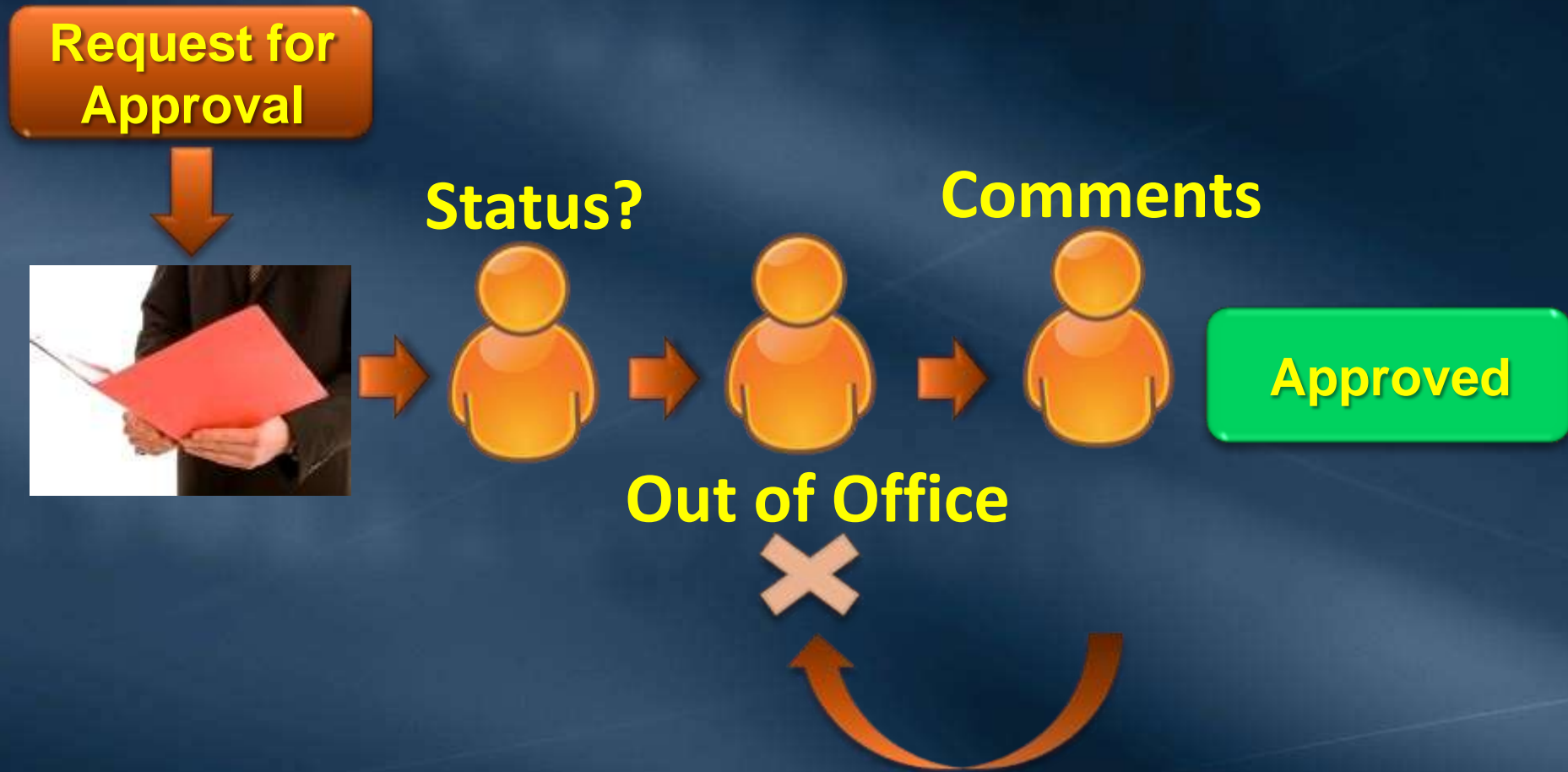
**Purchase  
Requisition  
Approval**



**Time  
Approval**

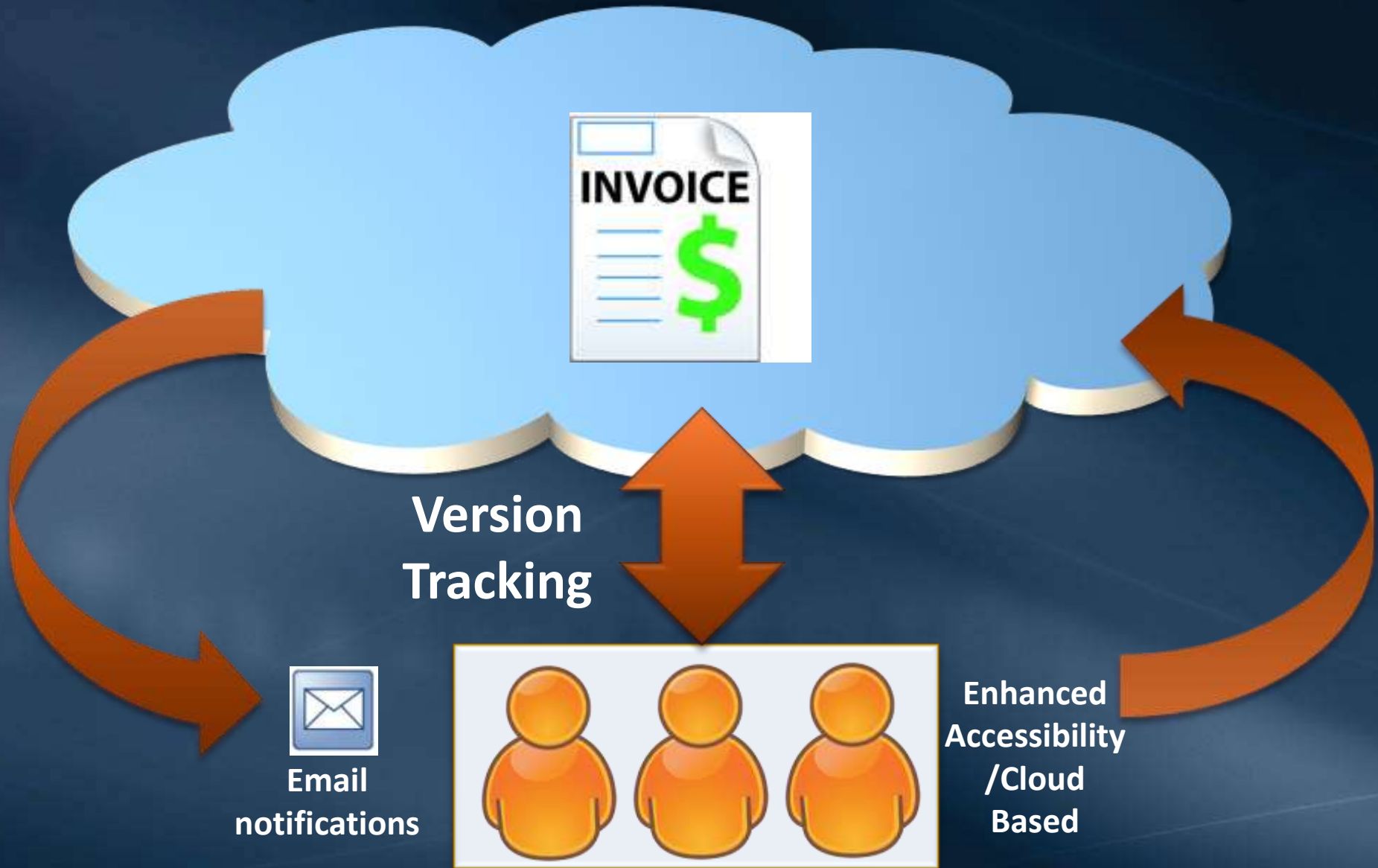


# Traditional Invoice Workflow for State Water Project

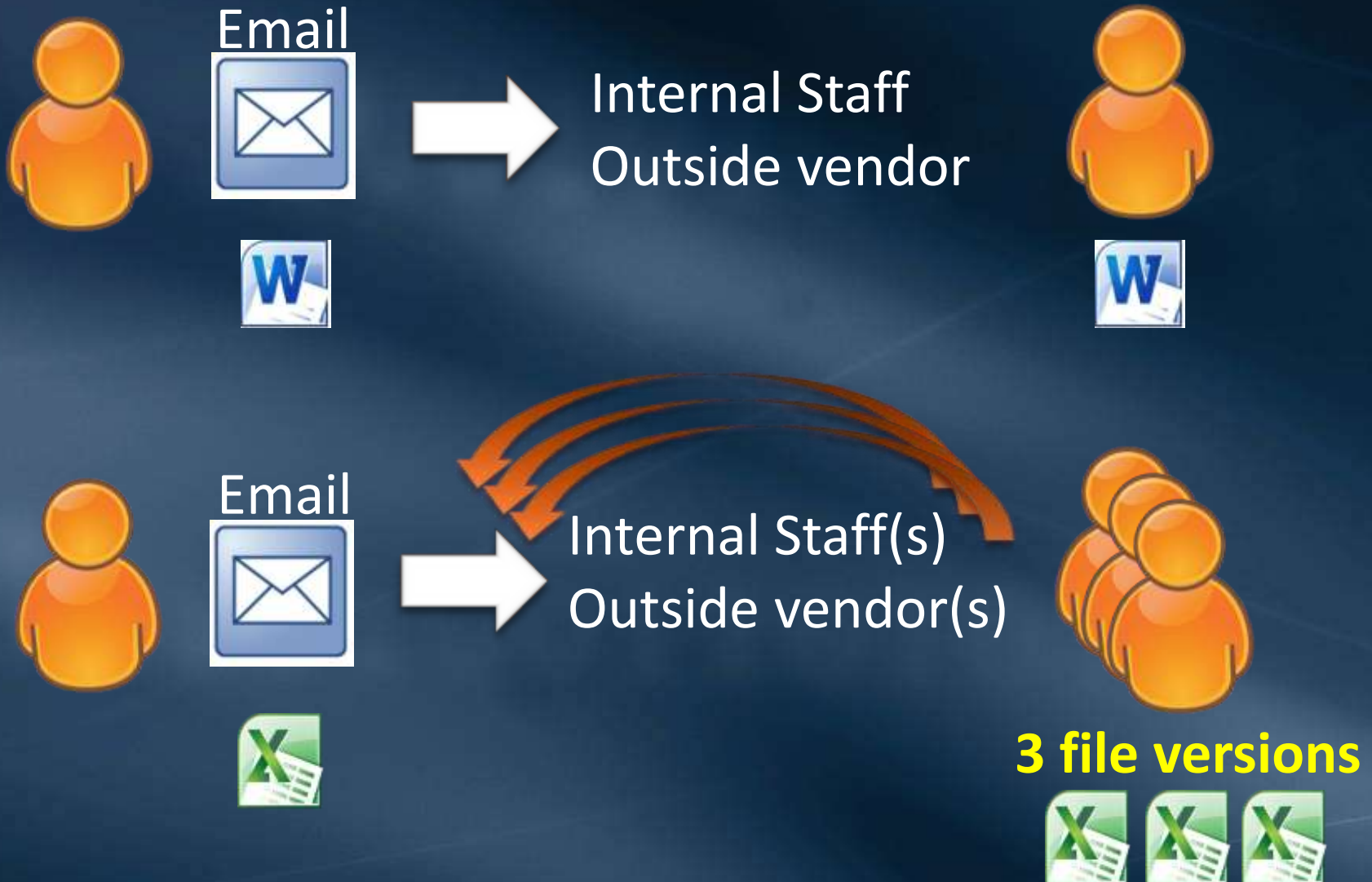




# Monthly Invoice - State Water Project



# Collaboration - Current Practice

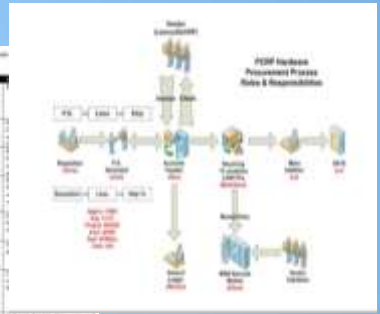


# Collaboration

**What is domain name registration?**

The Internet domain name system (DNS) is a hierarchical system of all the domain names of a computer network, organized hierarchically, of all the domain names, corresponding to a specific computer or network, or computer network, and associated with the IP address of the computer or network. The domain name system is a hierarchical system of all the domain names of a computer network, organized hierarchically, of all the domain names, corresponding to a specific computer or network, or computer network, and associated with the IP address of the computer or network.

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Version Control



Internal



External



# Types of Collaboration Sites

SECURED  
SITES  
CLOUD BASED

- Projects
  - Web Redesign Project – External Affairs
- Technical Support
  - Oracle - Finance / IT
- Shared Documents (Internal/External)
  - Water System Control Master Plan - WSO / IT / Consultant



# Cyber Security

- President Obama's Executive Order on cyber security to bolster cybersecurity protections for the nation's critical infrastructure networks
- Report by Mandiant Corp.
- Metropolitan's Cyber Security Program (April Board – Closed Session)



**NIST**  
National Institute of  
Standards and Technology

