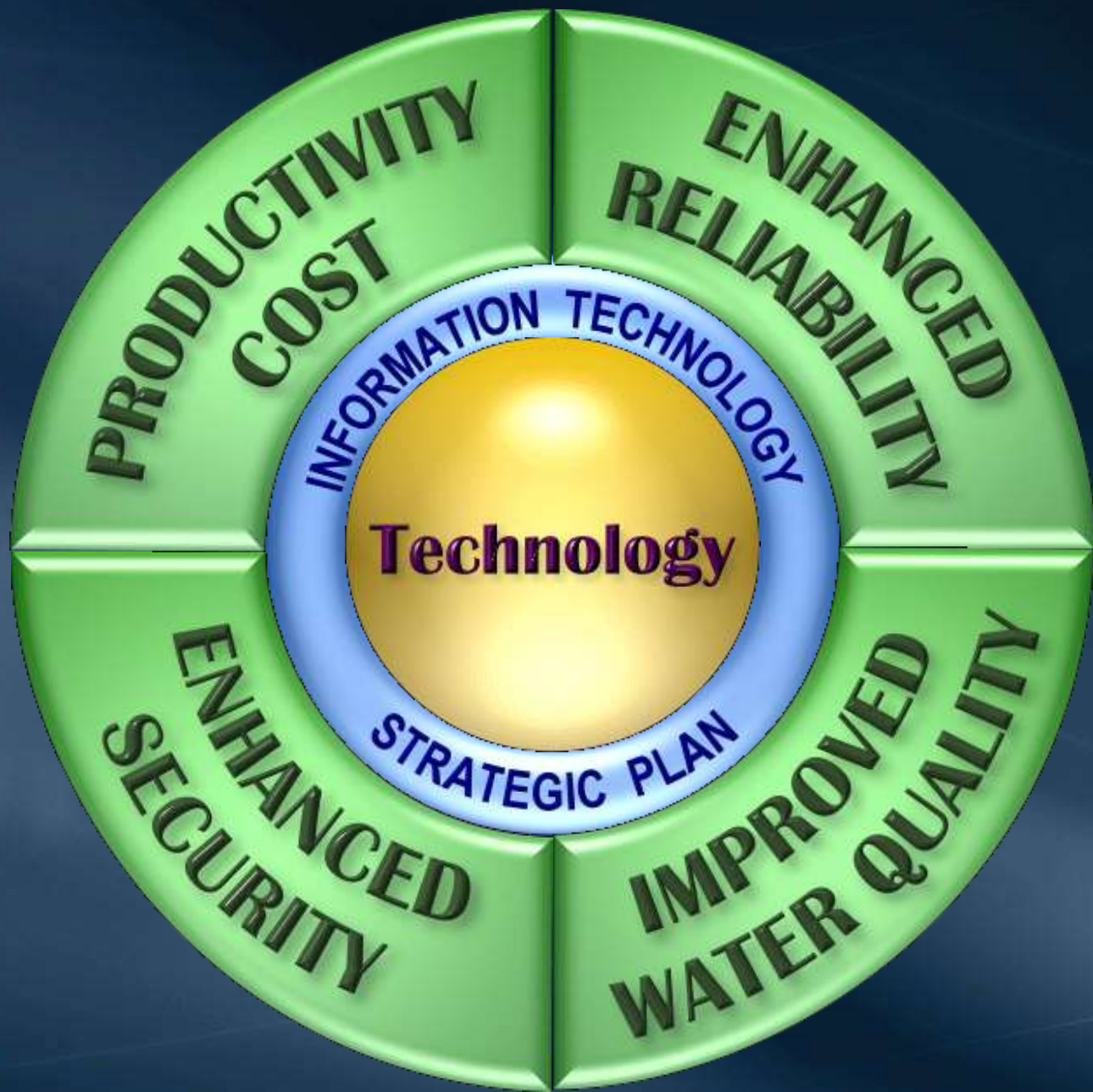




IT Strategic Plan Update – Quarterly Report for Period Ending June 2014

Organization, Personnel and Technology Committee
Item # 7a
October 14, 2014



Key Accomplishments



Infrastructure Upgrades:

UNIX Server Upgrade

- Completed configuration of IT infrastructure and initial testing of databases
- Began migration process for applications
- Target completion (June 2015)



Key Accomplishments



Infrastructure Upgrades:

Emergency Radio System Upgrade (Two Way Radio)

- Obtained Board Authorization (May 2014)
- Executed agreement and mobilized team
- Conducted project kick-off (July)
- Initiated Preliminary Design Phase



Key Accomplishments



Water Quality:

Upgrade Laboratory Information Management System

- Last upgrade 2010 (cycle 3-5 years)
- Vendor support, compatibility, new features
- Completed upgrading databases and started testing
- Began pre-deployment (June)
- Successfully deployed (Sep.)



Key Accomplishments



Enhanced Security:

Cyber Security

- National Institute of Standards and Technology (NIST) Framework (Published Feb. 2014)
- Continued assessment of Metropolitan's security posture
- Draft assessment (Dec. 2014)



Key Accomplishments



Productivity Cost:

IT Strategic Plan

- Completed data gathering and interviews with Metropolitan stakeholders
- Interviews with selected Member Agencies and Directors
- IT Assessment Report
- Provide overview and update Board





CLOUD COMPUTING

MWD Network



Best Practices and Standards

- **Facility** - controlling and monitoring physical access to hardware
- **Network** - firewall, security measures in place to protect network
 - Strength of password
 - Leverage active directory authentication where possible
- **Hardware/Software** - audits/disaster recovery
- **Industry standards** - *Statement on Standards for Attestation Engagements (SSAE) No. 16*

Cloud Computing and Security

- 60 days password reset
- Multi-faceted security
- Strength of password
- Validate MWD address location (IP address)
- Active Directory Federation Services
- Periodic Security Assessment



Lease Management System

- **Key Functions**

- Process & Store Lease Data
- Prepare Billing Data
- Update Payment Data

- **Security Features**

- Accessible only via MWD computer/network
- Multi-faceted security
- SSAE 16 Compliance



Environmental Management Information System

- WSO Safety and Environment Services Section (SES)
- **Key Functions**
 - Maintain permits of regulated equipment, processes and facilities
 - Manages Incident Reports
 - Track tasks for regulatory compliance
- **Security Features**
 - Complex password
 - 60 days password reset
 - SSAE 16 Compliance



Innovation



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA



LUNCH AND LEARN SERIES



IPADS: TAKING IT FROM A TOY TO A TOOL

The latest trend shows that an increasing number of professionals are turning to the iPad instead of PCs or laptops for business and work. Ellen Jackson, MWD TAC Team manager will help you discover iPad tools and apps that will help you ignite your creativity and change the way you work.

Wednesday, May 28, 2014
11:30 am - 12:30 pm
US 2-154



3D PRINTING



Upcoming Items:

- Telephone System Upgrade
- Oracle Financial Suite
- Water Control Master Plan

