

County IT Projects

Quarterly Progress Report

2nd Quarter, FY16-17
October 1 – December 31, 2016



The Quarterly OC Information Technology (OCIT) Project Progress Report provides the status of all County IT projects with a budget of \$150,000 or more and/or that have been identified as meriting Board of Supervisors attention.

The IT projects included in this report reflect the County's ongoing commitment to align IT with the County's business values. Projects included in the portfolio cover the upgrade or replacement of aging infrastructure and near-obsolete or end-of-life systems as well as investment in new technology and platforms. These projects also enhance the County's ability to maintain critical business operations, improve productivity, and deliver more and better services to constituents.

In addition to the status of these projects, this report describes the County's IT project performance trends over the last four quarters.

Highlighted Accomplishment

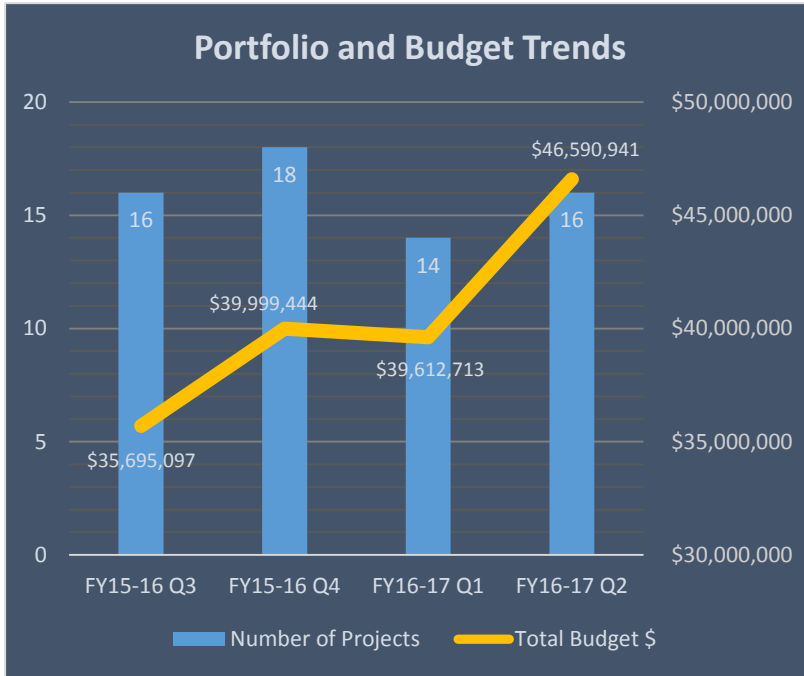


IBM Mainframe Operating System Upgrade

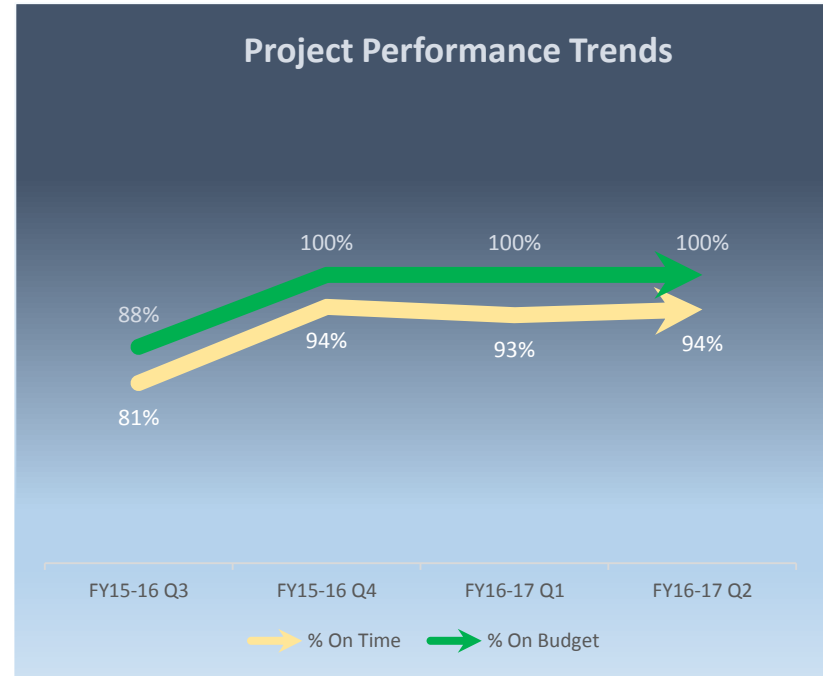
The Orange County Information Technology (OCIT), in partnership with SAIC, completed the upgrade of the IBM Mainframe Operating System – on time and within budget. Besides bringing the operating system to a supportable platform, the upgrade is a prerequisite for other upgrades required to support several County's mission-critical systems such as the Property Tax System.

IT Project Portfolio Trends

This page and the following two pages depict the County's IT project portfolio trends over the last four quarters.



Project data from the last four quarters reflect a stable portfolio of an average and median of 16 projects. This quarter's budget has an increase of almost \$7 million as the OC Sheriff Department added the Integrated Jail Management System project.

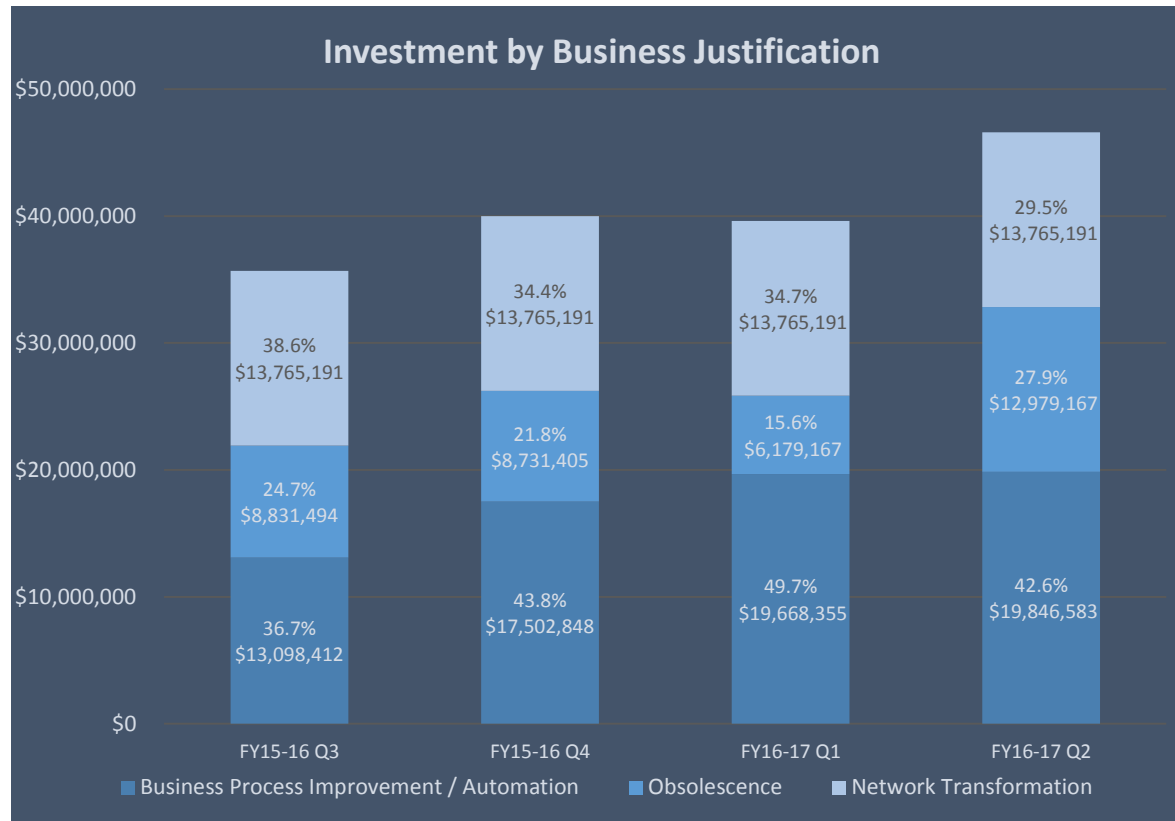


The County's project portfolio has enjoyed a high performance of staying within budget, with the Health Care Agency's budget revisions for two projects due to additional scope. Most of the projects are tracking to schedule.

The charts above reflect projects that were active or completed during the reporting period.

Project Investment Trends

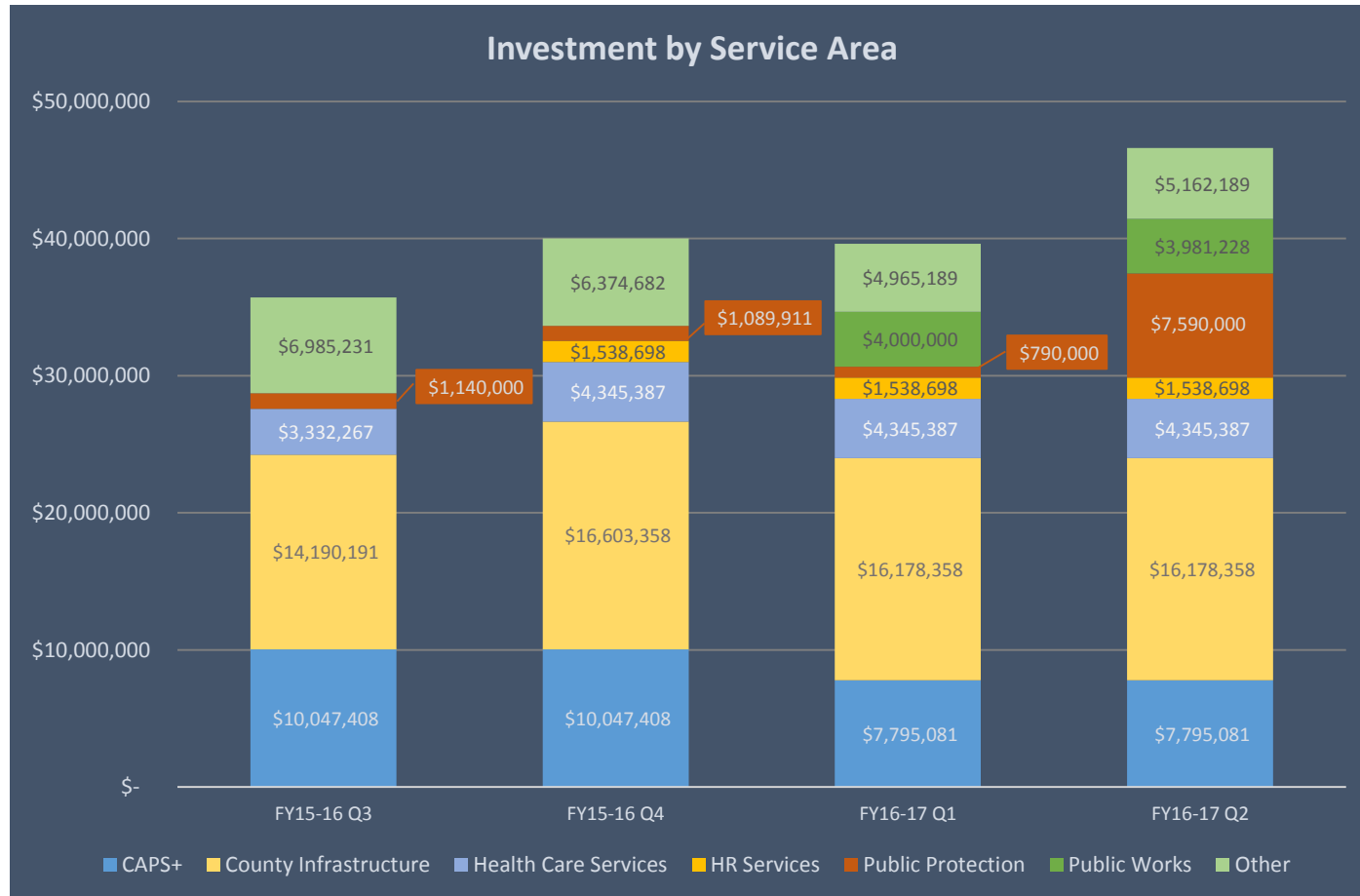
Together with the Voice and Data Network Transformation project, the County's IT projects to replace obsolescent systems and technologies account for more than 50% of the County's IT investments over the last four quarters.



The chart above reflect projects that were active or completed during the reporting period.

Project Investment Trends

Over the last four quarters, the CAPS+ Upgrade and County infrastructure projects account for more than half of the portfolio budget.



The chart above reflect projects that were active or completed during the reporting period.

IT Project Dashboard

Managing Dept.	Business Owner	Project Name	Project Description	Budget	Schedule	Baselined Budget	Expended	Balance	Planned Start	Planned End	% Complete
A-C	A-C HRS	CAPS+ Advantage Upgrade	Upgrade the County's financial, purchasing, payroll and human resources systems			\$ 7,795,081	\$ 4,681,926	\$ 3,113,155	10/07/15	08/31/17	65%
HCA	HCA	Behavioral Health Electronic Health Records Phase 2 of 3	Implement additional features, functions & capabilities for better management of summaries of care	*	*	\$ 2,043,650	\$ 1,163,169	\$ 880,481	06/24/15	06/30/17	80%
HCA	HCA	PA/PG Conservatorship System	Replace near-obsolete system and provide additional functionality to fulfill civil and regulatory duties regarding decedent and conservatorship cases	**	**	\$ 1,026,000	\$ -	\$ 1,026,000	TBD	TBD	0%
HCA	HCA	Public Health Electronic Health Record System	Implement Electronic Health Record (EHR) functionality for STD/HIV & Pulmonary diseases for Public Health Services	*	*	\$ 1,275,737	\$ 995,375	\$ 280,362	06/24/15	06/30/17	70%
OCIT	COB	eAgenda Replacement	Replace end-of-life system and automate end-to-end ASR (Agenda Staff Report) process			\$ 1,000,000	\$ 95,300	\$ 904,700	07/01/15	08/30/17	40%
OCIT	HRS	HRS Data Analytics	Improve the quantity and quality of evidence-based decisions about the county workforce			\$ 993,698	\$ 450,830	\$ 542,868	04/04/16	01/31/17	90%
OCIT	HRS	Integrated Talent Management System	Implement an integrated system for performance management, learning management, succession planning and recruitment	**	**	\$ 545,000	\$ 46,527	\$ 498,473	07/01/15	TBD	20%
OCIT	Multi	Computerized Maintenance Management System (CMMS)	Replace the existing legacy systems with a centralized repository for all County's real estate assets, starting with OCSD, OCPW and CEO/Real Estate	**	**	\$ 2,520,189	\$ -	\$ 2,520,189	09/15/16	12/31/18	5%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Procurement activities in process; project may need to be rebaselined.

■ On track; within 10% of budget/schedule

■ At risk; 10% - 20% over budget/schedule

■ Critical: >20% over budget/schedule

IT Project Dashboard (cont'd)

Managing Dept.	Business Owner	Project Name	Project Description	Budget	Schedule	Baselined Budget	Expended	Balance	Planned Start	Planned End	% Complete
OCIT	Multi	Project Management Information System (PMIS)	Provide a standard, countywide system to enhance the management of capital improvement projects	**	**	\$ 495,000	\$ 30,000	\$ 465,000	03/01/16	12/30/17	22%
OCIT	OCIT	Enterprise IBM Mainframe Hardware & Software Upgrade	Upgrade the County's mainframe hardware and software to support Property Tax System and other systems			\$ 2,413,167	\$ 1,333,524	\$ 1,079,643	07/01/14	06/30/18	38%
OCIT	OCWR CEO Risk Mgmt.	OC Safety Application	Develop a Countywide Safety application to help reduce liabilities related to workplace injuries, illnesses and property damage, and to comply with the CCR, Title 8.			\$ 197,000	\$ 29,081	\$ 167,919	09/01/16	06/30/17	8%
OCIT	OCIT	Voice & Data Network Transformation	Implement a Countywide, converged Voice and Data Network in order to eliminate duplicate circuits and maintenance costs and increase network capacity		*	\$ 13,765,191	\$ 8,259,115	\$ 5,506,076	09/01/13	10/31/17	68%
OCIT	OCPW	CRM Platform for Land Management System	Implement a unified portal on the Salesforce.com CRM platform and integrate with the Land Management System			\$ 3,981,228	\$ 1,830,551	\$ 2,150,677	08/01/16	09/30/17	9%
OCSD-Comm.	OCSD	Integrated Jail Management System	Replace the existing 25-year-old system, another step in the Sheriff's modernization strategy to replace systems currently on the Unisys mainframe	**	**	\$ 6,800,000		\$ 6,800,000	06/15/16	12/31/17	20%
OCSD-Comm.	COB	Boardroom AV System Upgrade	Upgrade the existing Crestron audio/video equipment in the Board Hearing Room		*	\$ 950,000	\$ -	\$ 950,000	07/01/15	12/15/17	6%
PD	PD	PD Case Management System	Develop a new system with the ability to integrate with other Justice Partners (e.g., DA, Courts, etc.)			\$ 790,000	\$ 627,500	\$ 162,500	04/01/16	05/31/17	40%

List is ordered by Managing Dept., then by Business Owner.

* Project has been rebaselined.

** Procurement activities in process; project may need to be rebaselined.

■ On track; within 10% of budget/schedule

■ At risk; 10% - 20% over budget/schedule

■ Critical: >20% over budget/schedule

Project Landing Map

The map below depicts when project benefits are realized.

Q1 FY15-16	Q2 FY15-16	Q3 FY15-16	Q4 FY15-16
	<ul style="list-style-type: none"> ✓ Identity & Access Mgmt. <ul style="list-style-type: none"> • Improved Onboarding Process 	<ul style="list-style-type: none"> ✓ Identity & Access Mgmt. <ul style="list-style-type: none"> • MFA pilot for external access ✓ Enterprise SharePoint ✓ PD Case Management System <ul style="list-style-type: none"> • Procurement 	<ul style="list-style-type: none"> ✓ CAPS+ AIX Replacement ✓ Jail Management System <ul style="list-style-type: none"> • Requirements Definition ✓ Identity & Access Mgmt. <ul style="list-style-type: none"> • VTI Auto-login ✓ SSA Desktop/Help Desk Transition
Q1 FY16-17	Q2 FY16-17 Reporting Quarter	Q3 FY 16-17	Q4 FY16-17
<ul style="list-style-type: none"> ✓ CAPS+ FS Upgrade 	<ul style="list-style-type: none"> ✓ IBM Mainframe Operating System Upgrade to a supportable platform 	<ul style="list-style-type: none"> ▪ HRS Data Analytics ▪ Jail Management System - RFP 	<ul style="list-style-type: none"> ▪ Behavioral Health Electronic Health Records (Phase 2) ▪ PD Case Management System ▪ OC Safety Application ▪ Public Health Records
Q1 FY17-18	Q2 FY17-18	Q3 FY17-18	Q4 FY17-18
<ul style="list-style-type: none"> ▪ CAPS+ HR Upgrade ▪ CRM Platform for Land Management System ▪ eAgenda Replacement ▪ PA/PG Conservatorship System (TBD) 	<ul style="list-style-type: none"> ▪ Board AV System ▪ Jail Management System ▪ Project Mgmt. Info. System ▪ Voice & Data Network Transformation 	<div style="border: 1px solid black; background-color: red; color: white; padding: 5px; display: inline-block;"> Behind schedule: Timeline extended from May to October due to OCSD's and DA's unique environments and requirements </div>	<ul style="list-style-type: none"> ▪ IBM Mainframe Upgrade – all components ▪ Integrated Talent Management System
<div style="border: 1px solid black; background-color: yellow; padding: 5px; display: inline-block;"> Rebaseline candidate: Awaiting approval for budget augmentation </div>		<div style="border: 1px solid black; background-color: yellow; padding: 5px; display: inline-block;"> Rebaseline candidate: Timeline to be revised as a result of additional due diligence and review of solutions </div>	
Q1 FY18-19	Q2 FY18-19	Q3 FY18-19	Q4 FY18-19
	<ul style="list-style-type: none"> ▪ Computerized Maintenance Management System (CMMS) 		

✓ Project benefits that have been realized.