

County IT Projects

Quarterly Progress Report

4th Quarter, FY16-17

April 1 – June 30, 2017



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 Accomplishments



CAPS+ Human Resources/Payroll Advantage Upgrade

The Auditor-Controller's Office successfully led a team consisting of CEO/Human Resource Services, OCIT, CGI, SAIC, and ATOS on the upgrade to the County's CAPS+ Human Resources/Payroll system. The system was upgraded from Advantage version 3.8 to version 3.11. The County departments must also be recognized in this accomplishment. The departments and project team met regularly throughout the life of the project and close to 244 departmental end-users were trained on navigation throughout the upgraded system.



HCA Behavioral Health Electronic Health Record

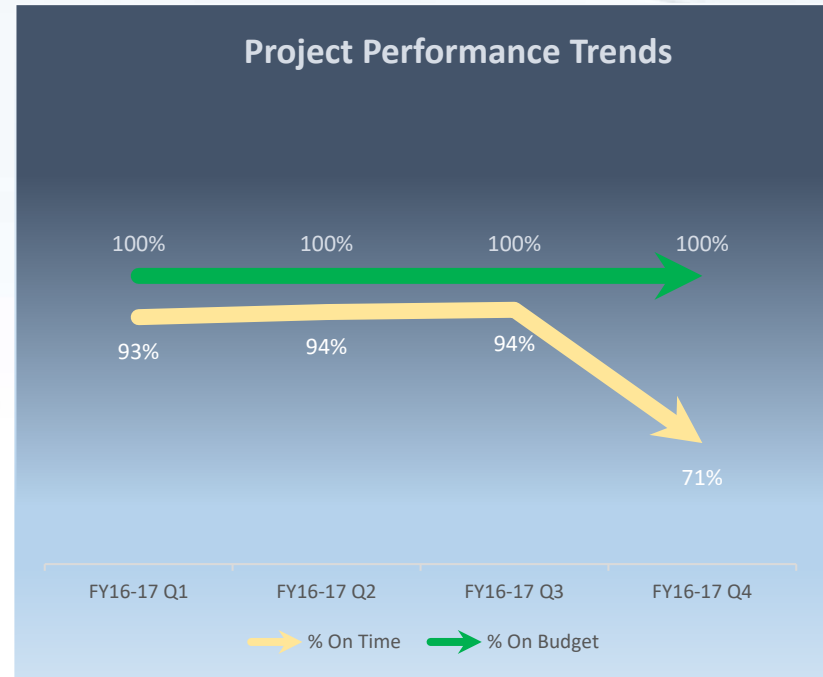
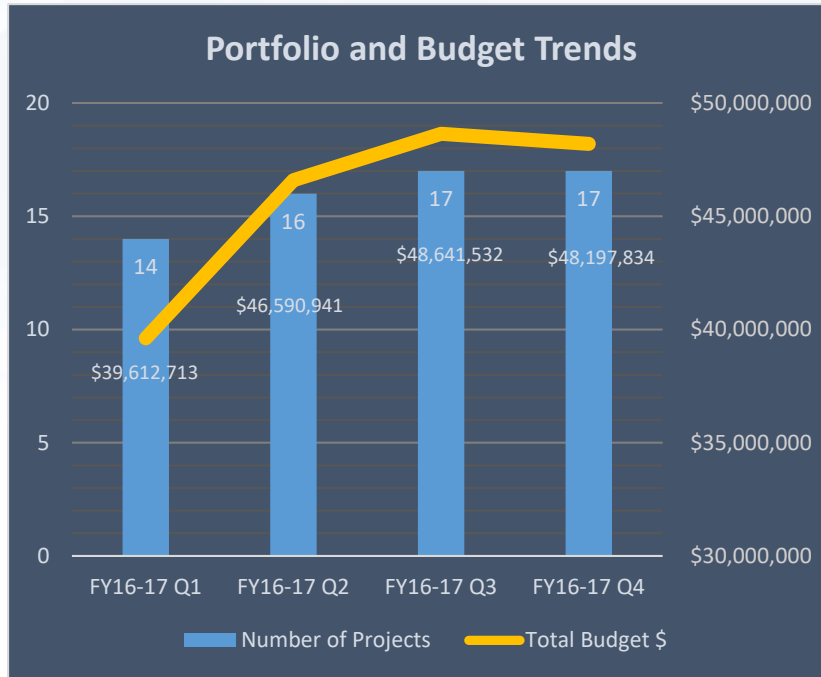
The Health Care Agency (HCA) successfully went live with additional functionality for the Behavioral Health Services with a cost saving of over \$200,000. Among the new components are voice recognition dictation, tools for better management of summaries of care, dashboard development capabilities, a medication clinical decision support system, and Meaningful Use interoperability tools.



HCA Public Health Electronic Health Record

The Health Care Agency (HCA) successfully went live with the additional content and functionality to serve the needs of Public Health Services. HCA leveraged the existing infrastructure and resources to build Electronic Health Records functionality for STD/HIV and Pulmonary diseases.

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 of 16.25 and median of 16.5 projects.

This quarter's budget has decreased by almost \$444K due to the following:

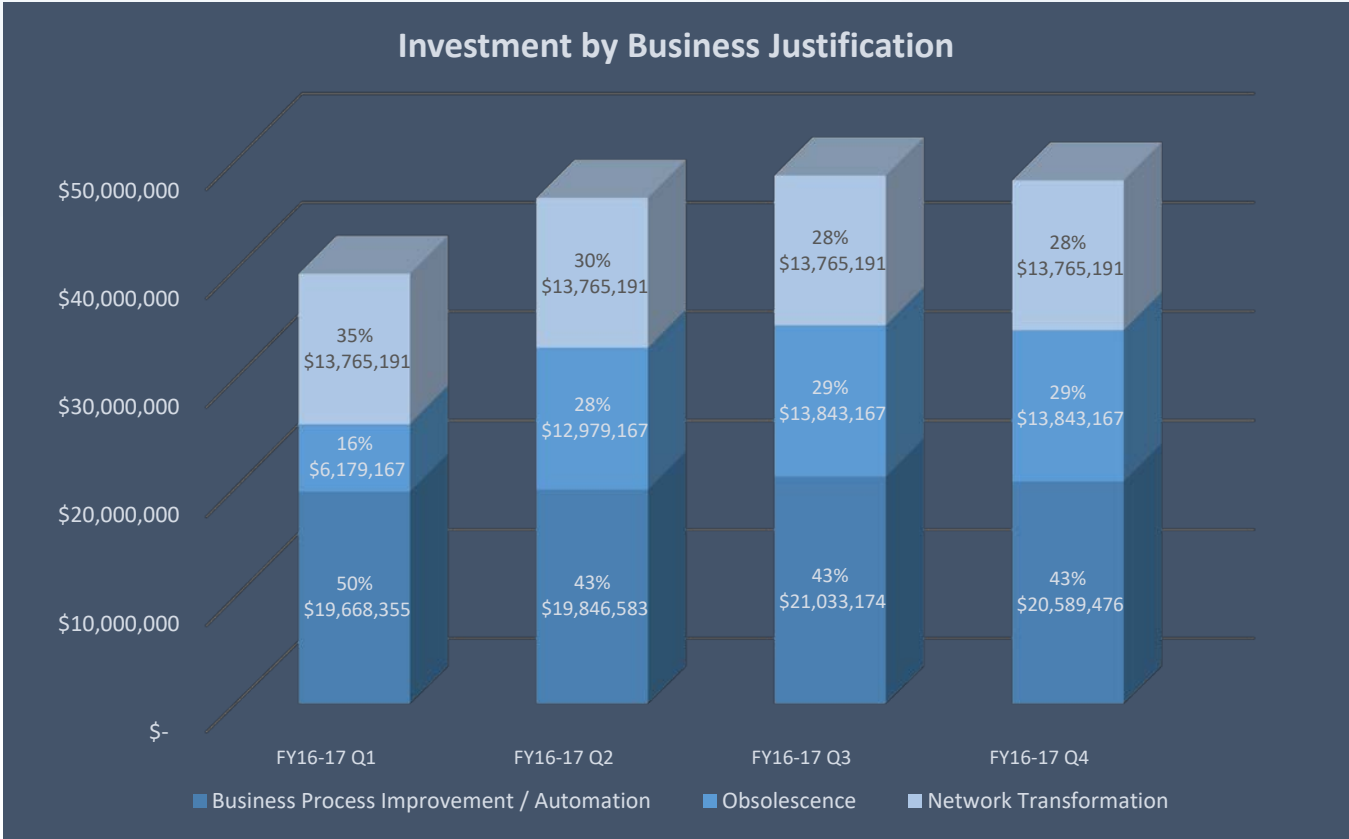
- Completion of the HRS Data Analytics project at almost \$1 million
- Introduction of the HRS Data Analytics Phase II at \$350K

All projects have stayed within budget throughout the last four quarters. All three projects completed during this reporting period were within schedule and budget.

Besides the Voice & Network Transformation project, four projects had their schedule extended due to various reasons such as additional product enhancements and dependency on department resource availability.

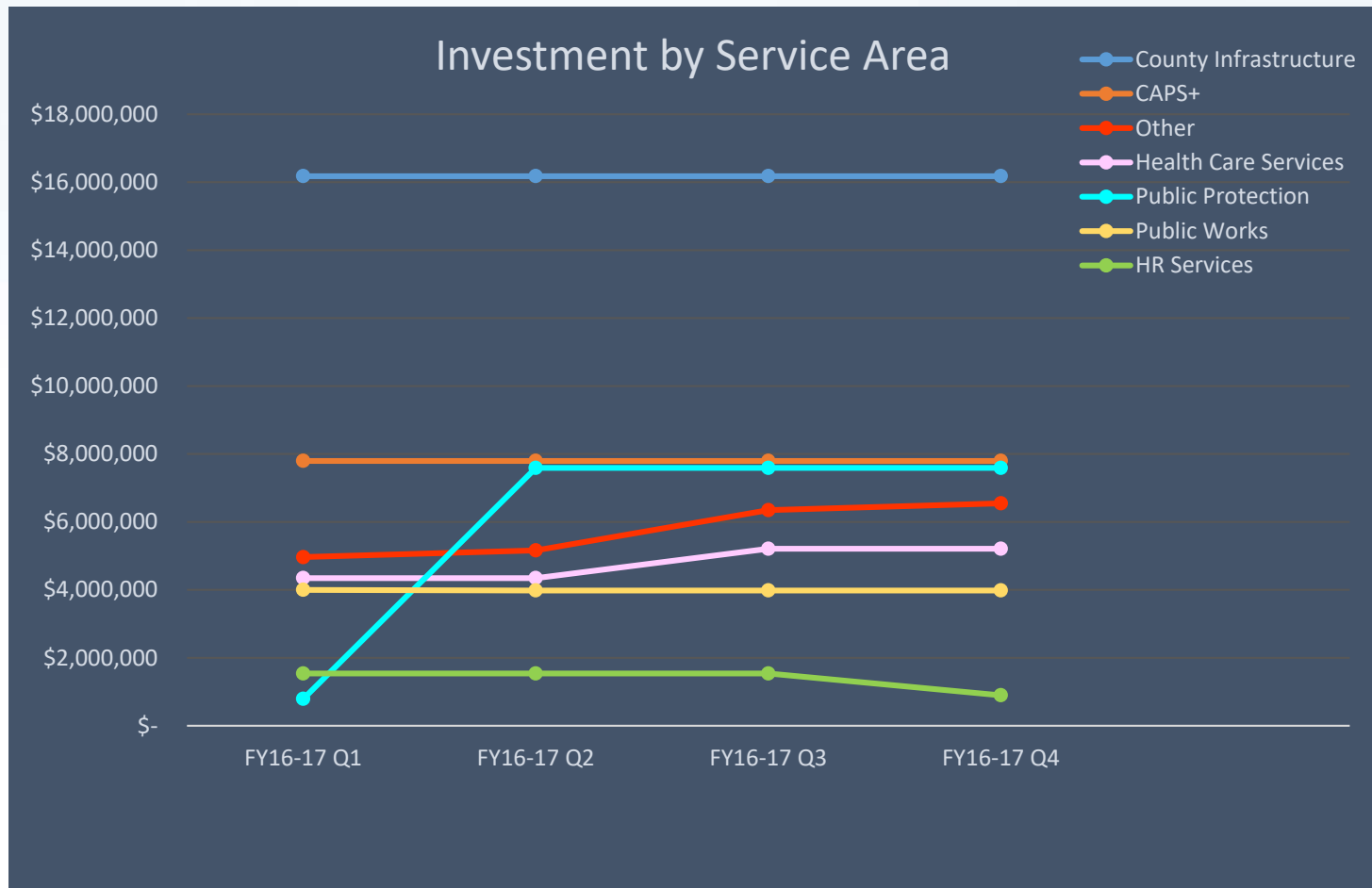
The charts above reflects projects that were active or completed during the reporting period.

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 reflects projects that were active or completed during the reporting period.

Over the last four quarters, the CAPS+ upgrade and County infrastructure projects have accounted for almost half of the portfolio budget.



The chart above reflects 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	Phase
A-C	A-C HRS	CAPS+ Advantage Upgrade	Upgrade the County's financial, purchasing, payroll and human resources systems			\$ 7,795,081	\$ 7,757,599	\$ 37,482	10/07/15	08/31/17	100%	Completed
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	\$ 1,553,866	\$ 489,784	06/24/15	06/30/17	100%	Completed
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	*	*	\$ 1,890,000	\$ -	\$ 1,890,000	06/01/17	06/30/18	1%	Execution
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	\$ 1,021,758	\$ 253,979	06/24/15	06/30/17	100%	Completed
OCIT	COB	eAgenda Replacement	Replace end-of-life system and automate end-to-end ASR (Agenda Staff Report) process			\$ 1,000,000	\$ 116,579	\$ 883,421	07/01/15	12/30/17	70%	Execution
OCIT	HRS	HRS Data Analytics Phase II	Add benefits reports and reporting features to the HRS Portal			\$ 350,000	\$ 167,532	\$ 182,468	04/04/17	11/17/17	30%	Execution
OCIT	HRS	Integrated Talent Management System	Implement an integrated system for performance management, learning management, and onboarding	**	**	\$ 545,000	\$ 54,947	\$ 490,053	07/01/15	06/30/19	27%	Contract negotiations
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	**	**	\$ 3,519,780	\$ -	\$ 3,519,780	09/15/16	10/01/19	5%	Contract negotiations
OCIT	Multi	Project Information Management System (PIMS)	Provide a standard, countywide system to enhance the management of capital improvement projects	**	**	\$ 495,000	\$ 49,492	\$ 445,508	03/01/16	12/30/17	30%	Contract negotiations

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	Phase
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	\$ 1,560,558	\$ 852,609	07/01/14	06/30/18	65%	Execution
OCIT	OCWR CEO Risk Mgmt.	OC Safety Application	Develop a Countywide system to help reduce liabilities related to workplace injuries, illnesses and property damage, and to comply with the CCR, Title 8.			\$ 197,000	\$ 157,471	\$ 39,529	09/01/16	06/30/17	92%	Beta Testing
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	\$10,323,894	\$ 3,441,297	09/01/13	10/31/17	72%	Execution
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	\$ 2,903,884	\$ 1,077,344	08/01/16	01/08/18	65%	Execution
OCIT	OCSD	Integrated Jail Management System	Replace the existing 25-year-old system currently on the Unisys mainframe	**	**	\$ 6,800,000		\$ 6,800,000	06/15/16	12/31/17	27%	Contract negotiations
OCIT	OCWR	Master Capital Expenditure & Planning (MCEP) System	Automate and standardize MCEP process for managing landfill capital projects in order to assess and respond to impacts from changes in tonnage and site conditions.			\$ 387,000	\$ 34,224	\$ 352,776	02/01/17	05/31/18	10%	Execution
OCSD-Comm.	COB	Boardroom AV System Upgrade	Upgrade the existing Crestron audio/video equipment in the Board Hearing Room		*	\$ 950,000	\$ 33,450	\$ 916,550	07/01/15	12/15/17	7%	Execution
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	\$ 790,000	\$ -	04/01/16	06/30/17	85%	Execution
Grand Total						\$48,197,834	\$26,525,254	\$21,672,580				

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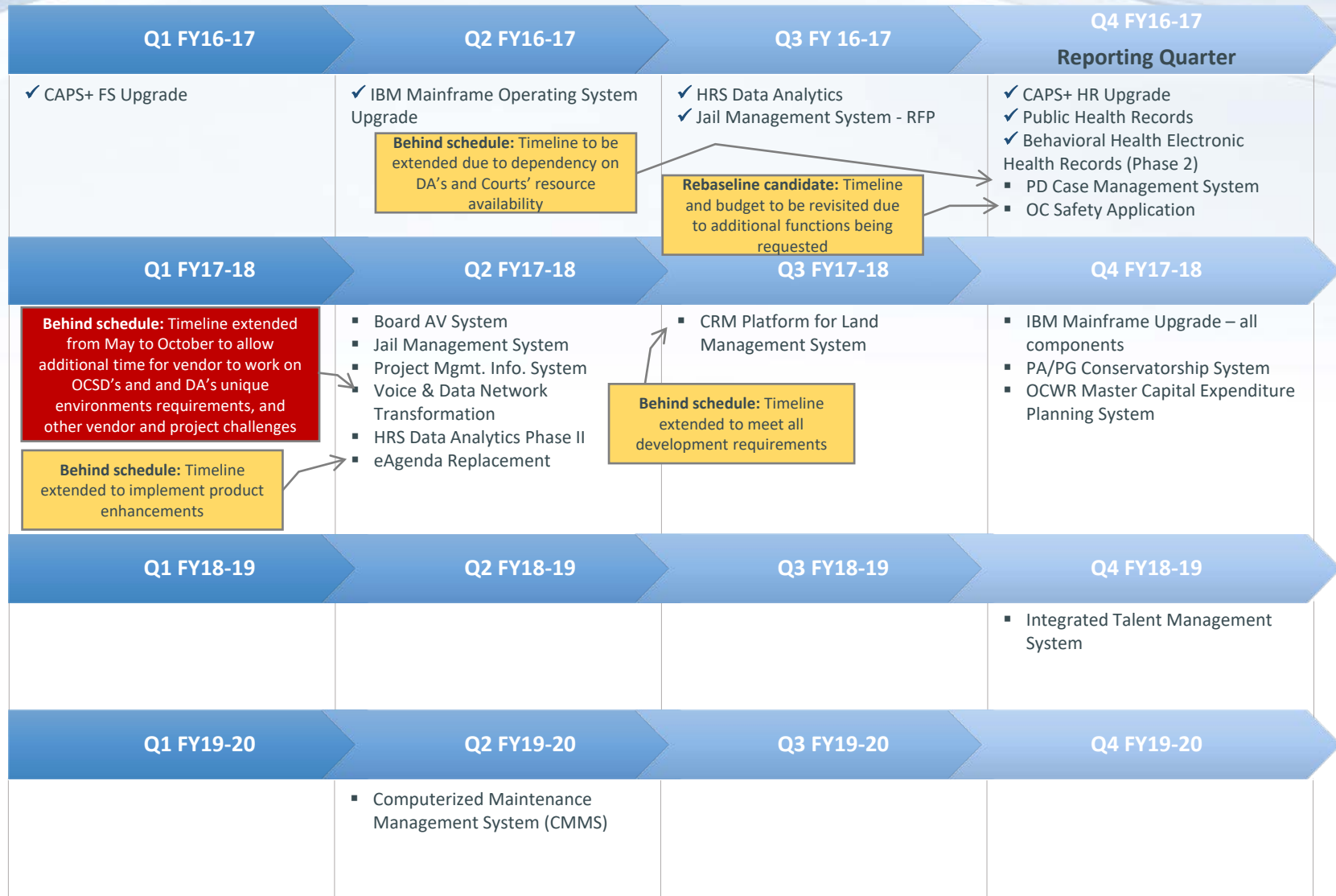
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Project Landing Map

The map below depicts when project benefits are realized.



✓ Project benefits that have been realized.