Section 6

DELIVERED PROJECTS HISTORY

Delivered Projects History

Below is a historical listing of delivered projects in the IT Plan since its inception. These projects represent Fairfax County's continued commitment to delivering quality information technology programs that provide service efficiencies, ensure integrity of the county's information, and provide citizens easy access to county information and services.

Project Name and Number	Description
2G70-001-000 Human Services (IT0002)	
Harmony Information Systems	In FY 2002 this project replaced the State-supplied VUWRS system with a COTS package to enhance case management and client purchased service processing for child and adult programs.
Human Services Workflow	In FY 2003 this project provided workflow system for the electronic management of documents and data in Human Services agencies, and included the delivery of an intranet based contract management application.
Human Services Decision Support	In FY 2004 this project developed a data warehouse to eliminate duplicate data from existing Human Services legacy systems. The system enabled efficient reporting while securing client confidentiality. A reporting and analysis tool provided a user interface to execute reports and queries against the data from management and executive information. Completion date FY 2004.
Athletic Facilities Scheduling System (AFSS)	AFSS provides Community and Recreation Services (CRS) streamlined and automated processes for the scheduling of county and school athletic facilities. The system enhances public access to CRS services by providing on-line registration and application processes. Project was complete in FY 2009.
Homeless Information Systems	In FY 2007 this project implemented an automated system to track and monitor the homeless population served by the County and the local Continuum of Care. In compliance with a HUD mandate requiring all jurisdictions receiving HUD grants to track the use and effectiveness of service programs designed to assist the homeless population.
Harmony Web Enabling	This project transitioned Harmony users to a Web based application and eliminated of various paper based process.
Human Services Cost Allocation System	In FY 2007 this project implemented a system that ensures compliance with federal and state cost allocation methodologies, data reporting, analysis, and security. The system serves as the basis for claiming federal and state reimbursement for the county's eligible social service expenditures.
IT0003 Land Development System*	
LDS net	LDSnet is a single repository of land development data designed as a search and query tool. LDSnet allows update access as well as upgraded the application software to comply with County standards and vendor support.
IT0004 Geographic Information Systems*	
Fairfax County Master Addressing System (MAR)	This project delivered a single standardized and centralized parcel address database for all site parcel addresses (365,000+) in Fairfax County. It ensures valid and complete address information that is a foundational requirement for efficient and effective operations, and essential for effective operation of the new CAD/911 system. The MAR is the authoritative source of (sites) addresses in Fairfax County. Project was substantially complete in FY 2008.

Project Name and Number	Description
2G70-005-000 Tax and Revenue Modernization (IT0006)	
Tax/Revenue Systems	This project successfully replaced the County's legacy real estate mainframe system with a commercial-off-the-shelf (COTS) product called Integrated Assessment System (IAS). Implementation of IAS has allowed for a comprehensive overhaul of many existing functions such as real estate administration, account maintenance, assessment, exemptions and adjustments, accounts receivable, and billing. The core system was completed in FY 2004.
Revenue Collection Cashiering	This project replaced an unsupportable legacy cashiering system with a COTS cashiering system for the receipting and depositing of taxes and fees. The project implemented a complete revenue collections solution that provides the functionality required and is technically capable of accommodating legislative changes and business operations.
Tax/Revenue Administration	This final project delivered a Fairfax County web hosting solution for the IASWorld/ iCare module, currently hosted externally. It eliminated the need to transfer sensitive Real Estate Information to an external vendor and provided iCare users and Fairfax County taxpayers with a more recent view of Real Estate information.
IT0008 Library Projects*	
Self-Check Out and Wireless Public Access	This project enhanced the library system's services by successfully implementing automated Self-Check Out at library circulation desks through out the library system and providing wireless public access to on line information services and catalogues at Fairfax County libraries. The projects were completed in FY 2007 and FY 2009.
IT0011 Document Management*	
County Archives and Records Center – Automated Records Mgt. System	This project enabled the County Archives and Records Center to increase the efficiency, effectiveness, and accuracy of public document transfers, retrievals, and disposals as mandated by the Code of Virginia and County of Fairfax Board of Supervisors. Bar code/scanning technologies for County Archives and Records were implemented. Work was completed in April 2004.
Document Mgt & Imaging – Sheriff's Office	This project improved the efficiency, effectiveness and accuracy of inmate records management by eliminating transfers to County archives and providing critical decision-making documents online. Imaging technology was used to benefit internal and external users including bondsmen, lawyers, judges, magistrates and local law enforcement agencies. Project was complete in FY 2004.
Electronic Accounts Payable (EAPS)	The EAPS project replaced the county's decentralized accounts payable processes by implementing proven imaging, e-signature, and workflow technologies thus improving internal controls and analysis of the County's accounts payable processes and reducing reliance on paper intensive processes. All county agencies were trained and transitioned to EAPS invoice processing within the first quarter of FY 2010.
2G70-013-000, 2G70-014-000 Health Department Information Systems (IT0015)	
Health Department Information System	The core AVATAR project provided a central database of information for management needs of the Fairfax County Health Department. The system provides operational efficiencies as well as ensures compliance with privacy laws and County regulations. The core project was complete in FY 2009.
Laboratory Information System	The project implemented a COTS Laboratory Information System that upgraded existing processes, enabled more efficient interaction with health care providers, and avoided the escalating cost of contracted laboratory services.

Project Name and Number	Description
IT0024 Public Access Technologies*	
Public Access Technology – Kiosks	The multimedia kiosk was one of the key technologies in the e-government strategy deployed by Fairfax County to assist citizens with access to government information and business transactions in convenient location. The kiosk application known as the Community Resident Information Services (CRIS) provided the public easy access to applications running on the county's web site and IVR applications as well as regional information. Due to budget constraints and availability of more widely used e-government channels and internet capabilities, the KIOSK program was retired in FY 2010.
Electronic Payments	This Project implemented a uniform payment process for constituents and consolidated bill presentment and payment processes.
EAN Emergency Alert Network	Successful implementation of an Emergency Notification and Wireless Communication System, Emergency Alert Network (also referred to as the Roam Secure Alert Network) to alert the public about emergency events in Fairfax County.
2G70-016-000 Correspondence Tracking and Management System (IT0022.9)	
Correspondence Tracking and Management System	This project provided enhanced communication between county staff, departments and agencies. The system provides an integrated approach to service delivery enabling users to link to other areas within the database, as well as extended outside the IQ system through scheduling scanned images, e-mail, fax, and incoming/ outgoing postal mail. The project enables agencies to automate business processes and work flows, reduce duplication of effort, and share information. These benefits are amplified by the delivery of a seamless constituent interface and enhance customer service.
IT0025 Adult Detention Center Information System (SIMS)*	
Adult Detention Center Information System	The Sheriff's Information Management system provides an integrated system that reduces operational costs, improves integration of criminal justice systems and data, and enables improved decision making. The SIMS project offers enhanced functionality for booking, prisoner classification, medical and forensic programs, community corrections, court services and information needs. SIMS was implemented in February 2008.
2G70-021-000 Circuit Court Technology (IT0039)	
Circuit Court Technology	Past accomplishments include development and deployment of the Court's Land Records Recording System, including document imaging; implementation of the Court Public Access Network (CPAN) retrieval system, use of an automated jury management system to administer 45,000 potential jurors annually; deployment of a case management system to control the administration of the Court's judicial case load; development and implementation of paperless probate processing; development and implementation of a streamlined marriage license process which utilizes scanners to import data from customers' operator licenses; implementation of electronic docketing display directing public to the assigned courtroom.

Project Name and Number	Description
2G70-024-000 Human Resource Information Systems (IT0043)	
Human Resource Information Systems	Enhancements to the human resource operations include improved reporting capabilities for agencies, and improved look and feel for a variety of functions like time sheet, and on-line pay advice, and the implementation of a succession planning and knowledge management suite, and on-line benefits enhancement. As of FY 2009 future progress in the human resource systems area will be incorporated in the FOCUS project (IT-000001-001 (IT0079)).
IT0047 Upgrade Commodity/Service Codes*	
Upgrade Commodity/ Service Codes	This project replaced the County and Fairfax County Public School's (FCPS) outdated and proprietary stock numbering system with an updated system used by Fairfax County, FCPS and other government vendors. The new numbering system enabled the merging of both the County's FCIN system and FCPS stock numbering system into one application.
2G70-025-000 Fire and Rescue Incident Reporting and Records Management (IT0048)	
Fire Records Management	In FY 2009 the transition from the web based Fire Records Management System (FRMS) incident reporting system to the client\server FRMS incident reporting system and integration of the new incident reporting system with the new CAD system was completed. This change in application platform better positioned the Fire and Rescue Department to implement additional modules of the FRMS suite.
Electronic Patient Care Reporting System (ePCRS)	The ePCRS was implemented in FY 2008 with the deployment of a tablet based computer system for all Fire and Rescue units. Patient treatment information is collected directly on the tablet computer while the crew members provide emergency medical care. The patient information is linked via secure wireless service to the Electronic Patient Care Reporting Servers for direct storage. The process is fully HIPAA compliant and digitally capturing the patient information reduces the overall time required to complete the required reporting process through the elimination of duplicate processes (paper and pen reporting) and provides more accurate information for better record keeping.
Incident Reporting and Records Management Systems (FRD)	The FRD Incident Reporting And Records Management Project is part of the multi-system, multi-phase initiative which successfully delivered a unified technology platform across public safety agencies in Fairfax County. This project replaced the legacy CAD system with a new, fully integrated and interoperable Computer Aided Dispatch system. The CAD system is integrated with the Fire Records Management System (FRMS) and Electronic Patient Care Reporting System (ePCRS).
2G70-026-000 Public Service Communications Replacement Project (IT0050)	
Public Service Communications Replacement Project	In FY 2007 this project replaced the two-site radio network with a seven-site, 800 MHz trunked analog radio system. The Public Service Communications System provides two-way radio communications for all County non-public safety agencies as well as the Fairfax County Public School Transportation Department (school buses), FASTRAN and the Fairfax County Water Authority. The completed system provides adequate call processing capacity and area coverage to more than 90 percent of the area within the jurisdictional boundaries for Fairfax County and provides a fully independent backup radio system for public service agencies.

Project Name and Number	Description
2G70-030-000 Fairfax Inspections Database Online (FIDO) (IT0055)	
Fairfax Inspections Database Online	The original FIDO project completed the replacement and consolidation of several platform-specific land use management systems into a single enterprise solution that supports land use permit issuance, inspection, and code enforcement operations. FIDO also supports ninety different permits and land use complaint types as well as a web portal to allow citizens and businesses to query the status of a permit applications and code enforcement complaints.
2G70-034-000, 2G70-035-000 Courtroom Technologies Pilot and Wayfiding Project (IT0056)	
Courtroom Technologies Pilot and Wayfiding Project	In FY 2005 this project successfully developed a prototype courtroom as a guide for future courthouse expansion and renovations to determine and assess future courtroom technology needs and requirements of Fairfax County Courts. The project identified court and courtroom technologies appropriate for the expansion and technology operations of the courts. In FY 2011 this project completed the installation of electronic docket displays in all three Fairfax County courts as well as public information monitors strategically placed at the Information Desk at the main entrance to the Courthouse. Integration of the county's docket display system with Virginia Supreme Court was also successfully completed in FY 2011.
IT0057 Community Policing*	
Community Policing	Timely and accurate information flow is critical to a successful community policing program. This project expanded that capability of officers to access e-mail and prepare and present useful information to citizens.
IT0059 Office of Children- Wireless Permitting*	
OFC – Wireless Permitting	The project provided Child Care Specialists and Fire Department Inspectors with wireless tablets for use during home visits, and enabled successful transfer of inspection information into the Office for Children information system.
2G70-038-000 IT Security Projects (IT0060)	
Identity Management	The project implemented a standardized and centralized secure authentication and authorization platform for access to web based system applications.
Security Monitoring and Audit Control	The project implemented an enterprise security monitoring and audit control process on an enterprise-wide initiative for access control and auditing on critical Windows and UNIX operating systems platforms.
IT Security – Intrusion Detection	The project implemented a modular network infrastructure for incorporation of the necessary levels of security to be embedded in each specific functional area. Critical Internet Protocol data segments were outfitted with intrusion detection sensors to ensure data integrity. This architecture mitigates security vulnerabilities, yet provide the necessary flexibility to meet County business needs.

Project Name and Number	Description
2G70-039-000 Police Records Management Projects (IT0062)	
Evidence Tracking System	In FY 2006 the Evidence Tracking project enabled the cataloging, storage and security of evidence collected by the Police Department (FCPD). The evidence tracking system generates a barcode label for every item of evidence presented for storage. Barcode readers can be used to inventory the evidence to perform audits of evidence management practices.
Police Records Management System – I/LEADS	The I/LEADS Project was part of the multi-system, multi-phase initiative which successfully delivered a unified technology platform across public safety agencies in Fairfax County ensuring a unified technology platform that seamlessly shares and processes data across public safety functions and leverages available technologies. I/LEADS increased the Police Department's ability to prevent, respond to, manage, and analyze situations that threaten the safety and property of citizens.
IT0063 Facilities Space Modernization*	
Facilities Space Modernization	This project successfully upgraded the County's Conference Room Center and meeting rooms with advanced and automated conferencing, A/V and meeting capabilities. The project was completed in FY 2009.
IT0067 Stormwater Maintenance Management*	
Stormwater Maintenance Management	This project consolidated a number of standalone databases used for work-orders, complaints, and infrastructure inventory into one integrated and streamlined maintenance management system. The new system reduced operational costs, enabled integration of agency data, and reduced reliance on paper intensive manual processes while improving accuracy and better access to information. This project was completed in FY 2009.
IT0068 Home Occupation Permitting System*	
Home Occupation Permitting System	In FY 2007 this system provided increased efficiency for processing Home Occupation Permits and enabled staff to access permits for more effective and efficient operations and improved customer service.
IT0069 Integrated Housing Management*	
Integrated Housing Management	The housing and Community Development's housing management system was complete in FY 2010. The project redesigned and consolidated multiple systems and databases, eliminated manual data entry and streamlined HCD requirements for compliance with federal reporting requirements.
2G70-067-000 Court Scheduling System (IT0071)	
Court Scheduling System	The Court Scheduling System (CSS) allows court administrators and the Police department to coordinate traffic court dates in order to level out and evenly distribute daily court dockets in the General District Court. CSS produces reports to help manage and resolve scheduling issues between the Court and the Police Department. Additional functionality was added to CSS to streamline officer court dates, and allow the Fairfax County Police Department to enter criminal and juvenile cases court dates into the system. By FY 2010 work was completed to enable court users to manage court schedules for ticket writing groups external to Fairfax County. In FY 2011 the Court Scheduling System successfully implemented an interface with the Supreme Court of Virginia's Case Management System for District Courts which enables the court to manage court dockets in real time.

Project Name and Number	Description
2G70-042-000 Integrated Parcel Life Cycle System (UDIS) (IT0073)	
Integrated Parcel Life Cycle System	In FY 2008 this project replaced the obsolete Urban Development Information System (UDIS) and created a cross-functional data repository to better harness the value of the land parcel information the County maintains and to make that information more accessible across County agencies. This updated system satisfies an ongoing requirement for the Council of Governments and County agencies.
IT0074 Data Analysis Reporting Tool (DART)*	
Data Analysis Reporting Tool	This project provided an integrated data warehouse for data from the County's legacy financial, procurement and payroll systems. The system provides enhanced internal reporting capabilities. The DART project roll out was complete in March 2008. The new FOCUS project will use DART to migrate data into the ERP system.
IT0076 Interactive Web Intake Program*	
Interactive Web Intake Program	This project provides support for the interactive web-intake program at the Department of Housing and Community Development that provided the public access to services 24/7, applications in multiple languages, eliminated manual processes and redundant paperwork. The project was complete in FY 2010.
2G70-043-000 Courthouse Expansion Technology Project (IT0078)	
Courthouse Expansion Technology Project	This project completed the planning, design and implementation of modern courtroom technologies for the new Fairfax County Courthouse. The Courtroom Technology Management System successfully integrates modern courtroom technologies into traditional courtroom activities. The systems provide for integrated and electronic evidence presentations, video conferencing for arraignments and remote witness testimony, real time court recording, integrated assistive listening and interpretive system, as well as judges' control of courtroom technologies from the bench. All high technology courtrooms include multiple flat screen monitors allowing the judge, jury and gallery to view unobstructed presentations of evidence. In FY 2012 this initiative has moved into an operational phase for maintaining and managing complex courtroom technologies in the new courtrooms as well as continuing work on renovation of twenty six existing courtrooms.
IT0080 Juvenile and Domestic Relations Court (JDRC) Residential Services Intake System (RSIS)*	
JDRC Residential Services Intake System	In FY 2009 a new RSIS application using .NET and SQL technologies was developed and implemented to meet current County standards in order to provide court staff easy access to information contained in a database of residential placement information.
IT0081 Housing Management Software Upgrade*	
Housing Management Software Upgrade	In FY 2009 this project updated existing Department of Housing and Community and Development (HCD) software used for management of its portfolio of properties and for financial reporting. The upgraded software is a full-featured, financial accounting package that includes management and compliance tools for all federally funded housing programs, as well as for commercial and tax credit properties.
2G70-044-000 Land Use Information Accessibility Initiative (IT0082)	
Land Use Information Accessibility Initiative	Initiatives streamlined constituent access to relevant land use information, enhanced navigation and provide more intuitive and web-based visualization tools for understanding the spatial environment. These efforts exhibit Fairfax County's commitment of make land use process and information more open, inclusive, and citizen-oriented. These projects further enable citizens' awareness of land use information impacting their neighborhoods and facilitate citizen participation in the process. Information on these systems is available 24/7 over the County's website.

Project Name and Number	Description
2G70-045-000 Public Safety Architecture Modernization – ICAD (IT0083)	
Public Safety Architecture Modernization	The Public Safety Architecture Modernization project provides the underlying infrastructure components and shared capabilities required for an integrated, interoperable public safety system. This project also supports operational components of a CAD and RMS including network infrastructure, and adopting standard Geographic Information System (GIS) to meet public safety requirements. In November 2009 implementation of a new ICAD system for Fairfax County public safety agencies was successfully completed.
2G70-049-000 Loan Processing System Replacement (IT0085)	
Loan Processing System Replacement	This project replaced HCD's twenty three year old Loan Processing System with a COTS package that facilitates current loan processing and tracking needs, as well as connectivity to the Department of Finance for reporting and compliance. Through the years both the functionality and technology associated with the existing system have become dated and the need for a more robust loan processing system has grown. Implementing a current loan servicing system that utilizes web technology to properly account, service and report on the excess of $46 million in loans in the HCD portfolio will allow for enhanced revenue and compliance with federally mandated HUD programs.
2G70-051-000 Data Reporting Project - DFS (IT0089)	
Data Reporting Project	With the concurrence of all stakeholders, existing balances of $400,000 from this project were reallocated to fund the newly established high priority Human Services Data Repository Project (3G70-077-000). This project was not activated.
IT0087 ParkNet Security Upgrade*	
ParkNet Security Upgrade	This project replaced and upgraded the Park Authority's legacy IT hardware and software and brought the systems into compliance with Payment Card Industry Standards (PCI) and the County's infrastructure standards. This initiative ensured conformity with the county's current IT infrastructure and security standards as well as compliance with PCI mandates for accepting credit card payments over the internet and IVR. This project was completed in FY 2011.
2G70-038-000 Telecommunication Modernization Project	
Telecommunication Modernization Project	This project completed implementation of Fairfax County's strategic goal of providing Voice over IP services over the county's fiber optic network – INET. The strategy included a scalable architecture supporting a variety of county sites and agency business requirements. The project successfully completed implementation of a flexible enterprise class voice platform. The new voice platform provides the foundation for wireless integration and incorporating a variety of smart mobile devices. This enterprise class voice platform touches over 16,000 telephones, fax machines, private lines and devices used by county employees.
IT-000001 Fairfax County Unified System - FOCUS (IT0079)	
Fairfax County Unified System – FOCUS	The software procurement was completed in the summer of 2009 with the purchase of SAP software. The project began implementation activities in summer 2010; the financial management and procurement system (Phase 1A) went live in November 2011. Project Phase 1B (enhanced supplier management functionality completed in FY 2013, and Phase 2 (county human capital management) went live June 2012 for the first payroll run in FY 2013.

Project Name and Number	Description
IT-000003 Data Loss Prevention	
Data Loss Prevention	DLP provided the means to configure warnings and prevent users from copying sensitive data to unauthorized CD/DVD's or USB drives, which in turn could then be physically taken out of the control and protections of the county's endpoint security solutions. The implementation of Data Loss Prevention resulted in reduced compliance costs, auditing costs and the Total Cost of Ownership. This project was completed in 2014.
IT-000004 Emergency Management Portal	
Emergency Portal Management	This application was developed and implemented in house to allow first responders in the field to report data about facility conditions, road closures and other pertinent information to personnel at the EOC via a smart device, workstation or Mobile Computer Terminal (MCT). The data is collected in a highly configurable database allowing the flexibility to adjust the data collected based on changing conditions and requirements. Data is then structured in a way to allow GIS to consume the data and graphically represent conditions on a map. This project was completed in 2014.

*Depict project numbers in FAMIS whose numbers did not get transferred over to the new system (FOCUS)