

	Phase 1 (FY2022 7/1/2021 - 6/30/2022)	Phase 2 (FY2023 7/1/2022 - 6/30/2023)	Phase 3 (FY2024 7/1/2023 - 6/30/2024)	Phase 4 (FY2025 7/1/2024 - 6/30/2025)	Phase 5 (FY2026 7/1/2025 - 6/30/2026)
Strategic Technology Plan	Technology 5 Year Roadmap Update Baseline Technology and Process Inventory Update Strategy Recommendation Update Transition Plan Update	Technology 5 Year Roadmap Update Baseline Technology and Process Inventory Update Strategy Recommendation Update Transition Plan Update	Technology 5 Year Roadmap Update Baseline Technology and Process Inventory Update Strategy Recommendation Update Transition Plan Update	Technology 5 Year Roadmap Update Baseline Technology and Process Inventory Update Strategy Recommendation Update Transition Plan Update	Technology 5 Year Roadmap Update Baseline Technology and Process Inventory Update Strategy Recommendation Update Transition Plan Update
Systems Architecture Plan	Systems Architecture Plan Update	Systems Architecture Plan Update	Systems Architecture Plan Update	Systems Architecture Plan Update	Systems Architecture Plan Update
YODAF Compliance	Architecture Vision	Business Architecture	Information System Architectures	Technology Architecture	Opportunities and Solutions
Technology Infrastructure					
Internet Infrastructure/Cloud	High Availability DMZ Environment - Web Application Firewall Implementation Private County Government Cloud Implementation Cloud Migration Strategy	Internet Hybrid Infrastructure Upgrade Private County Government Cloud Implementation Cloud Migration Pilot	Internet Hybrid Infrastructure Upgrade Hybrid Cloud Hosting Cloud Migration Implementation	Internet Hybrid Infrastructure Upgrade Hybrid Cloud Hosting Cloud Migration Implementation	Internet Hybrid Infrastructure Upgrade Hybrid Cloud Hosting Cloud Migration Implementation
Data Storage Infrastructure	SAN Expansion/Upgrade Data Management Platform Evaluation	Cloud Storage Cluster File Systems Data Management Platform Planning File Server Segmentation	Cloud Storage Cluster File Systems Data Management Platform Implementation	Cloud Storage Cluster File Systems Data Management Platform Implementation	Cloud Storage Cluster File Systems Data Management Platform Implementation
Continuity of Operations	Continuity of Operations Plan Evaluation Disaster Recovery Planning - Offsite DR Disaster Recovery Implementation	Continuity of Operations Plan Implementation Offsite DR Planning Disaster Recovery Implementation	Continuity of Operations Plan Evaluation and Update Offsite DR Implementation	Continuity of Operations Plan Evaluation and Update Disaster Recovery Plan Evaluation and Update	Continuity of Operations Plan Evaluation and Update Disaster Recovery Plan Evaluation and Update
Broadband & Data Center Consolidation	Data Center Consolidation Planning County Broadband Planning/Initial Implementation	Data Center Consolidation Planning Converged Infrastructure Planning County Broadband Implementation	Data Center Consolidation Implementation Converged Infrastructure Implementation Consolidated Systems Planning	Data Center Consolidation Implementation Converged Infrastructure Implementation Consolidated Systems Implementation	Data Center Consolidation Implementation Converged Infrastructure Implementation Consolidated Systems Implementation
Mobile Technology Infrastructure		Mobile Technology Infrastructure Upgrade	Mobile Technology Infrastructure Upgrade	Mobile Technology Infrastructure Upgrade	Mobile Technology Infrastructure Upgrade
Government Center	'Bring Your Own Device' (BYOD) Management Program Planning Application Management Integration Policy Management Integration Inventory/Asset Management Integration	'Bring Your Own Device' (BYOD) Management Program Rollout Application Management Integration Policy Management Integration Inventory/Asset Management Integration	'Bring Your Own Device' (BYOD) Management Program Rollout Policy Management Integration		
Sheriff's Office	'Bring Your Own Device' (BYOD) Management E-Mail and Messaging Support Application Management Integration Policy Management Integration	'Bring Your Own Device' (BYOD) Management E-Mail and Messaging Support Application Management Integration Policy Management Integration	Mobile Video Conferencing	Mobile Video Conferencing	
Desktop Infrastructure	Microsoft Office 2019 Virtual Desktop Infrastructure (VDI) Workstation Replacement Plan Update Windows 11 Planning	Hosted Microsoft Office Migration Virtual Desktop Infrastructure (VDI) Workstation Replacement Plan Update Windows 11 Rollout	Hosted Microsoft Office Migration Virtual Desktop Infrastructure (VDI) Workstation Replacement Plan Update	Hosted Microsoft Office Virtual Desktop Infrastructure (VDI) Workstation Replacement Plan Update	Hosted Microsoft Office Virtual Desktop Infrastructure (VDI) Workstation Replacement Plan Update
Network and Communications Infrastructure					
External Network Infrastructure	Full IPv6 Support	Full IPv6 Support	Full IPv6 Support	SD WAN	SD WAN
Internal Network Infrastructure	Network Fabrics Network Virtualization	Network Fabrics Network Virtualization	WAN Optimization Controllers Network Virtualization	SD WAN Virtual Private LAN Services (VPLS)	SD WAN Virtual Private LAN Services (VPLS)
Unified Communications Management/IP Phone System	Video Conferencing Implementation	Collaboration Software Implementation	Collaboration Software Implementation	Collaboration Software Implementation	
Remote Phones		Telecommunications Networking Upgrade Remote Phone Implementation	Remote Phone Implementation		
Cyber Security	Cyber Security Plan Update	Cyber Security Plan Update	Cyber Security Plan Update	Cyber Security Plan Update	Cyber Security Plan Update
Governance	Policy Development and Security Compliance	Crisis Planning	Crisis Planning	Crisis Planning	Crisis Planning
User Education and Training	Security Awareness Training	Security Awareness Training	Security Awareness Training	Security Awareness Training	Security Awareness Training
End User Technology	End Point Security Solutions	Mobile Device Security Solutions	Mobile Device Security Solutions	Mobile Device Security Solutions	Mobile Device Security Solutions
Network and Security Monitoring	Response and Remediation Threat Detection and Analysis (Systems Information & Event Management) Security-as-a-Service Incident Response Planning	Response and Remediation Active Threat Reconnaissance Security-as-a-Service Incident Response	Response and Remediation Active Threat Reconnaissance Security-as-a-Service Incident Response	Response and Remediation Active Threat Reconnaissance Security-as-a-Service Incident Response	Response and Remediation Active Threat Reconnaissance Security-as-a-Service Incident Response
Secure Network Architecture	Identity and Access Management Multifactor Authentication Implementation Cloud Security Solutions Data Loss Prevention NIST 800/173 Security Framework	Identity and Access Management Cloud Security Solutions Data Loss Prevention NIST 800/173 Security Framework			
County-Wide Initiatives					
Enterprise Content Management	Document Management Records Management Web Content Management Collaboration On-Line Forms Digitized Signatures Business Process Management Workflow Management Intranet Upgrade/Rebranding - Huckleberry Daily	Document Management Records Management Web Content Management Collaboration On-Line Forms Digitized Signatures Business Process Management Workflow Management Intranet Upgrade - Web Content Management	Document Management Records Management Web Content Management Collaboration On-Line Forms Digitized Signatures Business Process Management Workflow Management Intranet Upgrade - Web Content Management	Document Management Records Management Web Content Management Collaboration On-Line Forms Digitized Signatures Business Process Management Workflow Management Intranet Upgrade - Web Content Management	Document Management Records Management Web Content Management Collaboration On-Line Forms Digitized Signatures Business Process Management Workflow Management Intranet Upgrade - Web Content Management
Intranet	Team Foundation Services (TFS) Implementation	Agile Project Management Implementation	Agile Project Management Implementation	Agile Project Management Implementation	Agile Project Management Implementation
Technology Governance (ITIL)	Capacity Management Release and Deployment Management	Capacity Management	IT Service Continuity Management	IT Service Continuity Management	
Service Strategy					
Service Transition					
Service Operation	Access Management	Access Management	Information Security Management System	Information Security Management System	
Citizen Interaction					
Web Services Architecture	Web Style Implementation (HTML 5/CSS 3) - Rebranding Implementation Cloud-Based Web Services Web Analytics Planning and Implementation Web Accessibility Upgrade ADA Compliance External User Authentication Planning and Implementation	Web Style Implementation (HTML 5/CSS 3) - Rebranding Implementation Cloud-Based Web Hosting/Web Services Web Analytics Implementation Web Accessibility Upgrade External User Authentication Implementation	County-Wide Local Government Web Style Implementation Cloud-Based Web Parts/Web Services Web Analytics Implementation Web Accessibility Implementation Citizen Authentication Planning	County-Wide Local Government Web Style Implementation Cloud-Based Web Parts/Web Services Web Analytics Update Web Accessibility Implementation Citizen Authentication Implementation	County-Wide Local Government Web Style Implementation Cloud-Based Web Parts/Web Services Web Analytics Update Web Accessibility Implementation Citizen Authentication Implementation
DevOps Environment	Microsoft .NET Web Development/Operations Environment Automated Testing Implementation Continuous Integration Implementation Configuration Management Implementation Release Management Implementation	Microsoft .NET Web Development/Operations Environment Automated Testing Implementation Continuous Integration Implementation Configuration Management Implementation Release Management Implementation	Microsoft .NET Web Development/Operations Environment Automated Testing Implementation Continuous Integration Implementation Configuration Management Implementation Release Management Implementation	Microsoft .NET Web Development/Operations Environment Automated Testing Implementation Continuous Integration Implementation Configuration Management Implementation Release Management Implementation	Microsoft .NET Web Development/Operations Environment Automated Testing Implementation Continuous Integration Implementation Configuration Management Implementation Release Management Implementation
Web Sites	County Government Main Web Site Redesign Integrated Parks & Rec Sub-Site Integrated Animal Care & Adoption Center Sub-Site Integrated Sheriff's Office Sub-Site Integrated Economic Development Web Site	County Government Main Web Site Redesign Integrated Parks & Rec Sub-Site Integrated Animal Care & Adoption Center Sub-Site Integrated Sheriff's Office Sub-Site Integrated Economic Development Web Site	County Government Main Web Site (www.montgomerycountyva.gov) Integrated Parks & Rec Sub-Site Integrated Animal Care & Adoption Center Sub-Site Integrated Sheriff's Office Sub-Site Integrated Tourism Web Site	Public Schools Main Web Site Design Integrated Parks & Rec Sub-Site Integrated Animal Care & Adoption Center Sub-Site Integrated Sheriff's Office Sub-Site Integrated Tourism Web Site	Public Schools Main Web Site (www.mcps.org) Integrated Parks & Rec Sub-Site Integrated Animal Care & Adoption Center Sub-Site Integrated Sheriff's Office Sub-Site Integrated Tourism Web Site
Web Applications	Web Applications Design & Implementation Mobile First Design Integrated Online Tax Payments Online Permit Requests Online Permit Tracking Online Citizen Requests Online Inspections	Web Applications Design & Implementation Mobile First Design Integrated Online Tax Payments Online Permit Requests Online Permit Tracking Online Citizen Requests Online Inspections	Web Applications Design & Implementation Mobile First Design Integrated Payment Processing Online Inspections	Web Applications Design & Implementation Mobile First Design Integrated Payment Processing Online Inspections	Web Applications Design & Implementation Mobile First Design Integrated Payment Processing Online Inspections
Social Media	Integrated County-Wide Social Media Sites Departmental Social Media Usage Policies	Integrated County-Wide Social Media Sites Departmental Social Media Usage Policies	Integrated County-Wide Social Media Sites	Integrated County-Wide Social Media Sites	Integrated County-Wide Social Media Sites
Citizen Relationship Management	CRM Strategy Citizen Input/Soliciting Initiatives	CRM Strategy Citizen Input/Soliciting Initiatives	CRM Planning Citizen Input/Soliciting Initiatives	CRM Implementation Citizen Input/Soliciting Initiatives	CRM Implementation Citizen Input/Soliciting Initiatives
Open Government	Open Data Platform Implementation Open Data Hybrid Infrastructure Planning	Open Data Platform Implementation Open Data Hybrid Infrastructure Implementation	Open Data Platform Implementation Open Data Hybrid Infrastructure Implementation	Open Data Platform Implementation Open Data Hybrid Infrastructure Implementation	Open Data Platform Implementation Open Data Hybrid Infrastructure Implementation
Business Intelligence	Business Intelligence Planning Data Analytics	Business Intelligence Planning Data Analytics	Business Intelligence Planning Data Analytics	Business Intelligence Planning Data Analytics	Business Intelligence Planning Data Analytics
Kiosks/Digital Signage in Public Locations	Informational Kiosks Digital Signage in Government Center	Transactional Kiosks Digital Signage in Government Center	Transactional Kiosks Digital Signage in Other Facilities		
Audio/Visual Platform	Audio/Visual Technology Plan Electronic 'Town Hall' Software	Audio/Visual Technology Plan Electronic 'Town Hall' Software	Upgraded Audio/Visual Platform Online Citizen Participation in Meetings	Enterprise Video Content Management Online Citizen Participation in Meetings	Enterprise Video Content Management Online Citizen Participation in Meetings
Public Wireless Access	Wireless Access Points Upgrade Evaluation and Planning Upgrade to 802.11ax (WiFi-6)	Government Center	Public Safety Building Courthouse Health & Human Services Building Animal Care & Adoption Facility		

Public Safety

Mobile Data Terminals	MDT Replacements - Ruggedized Tablets	MDT Replacements - Ruggedized Tablets	MDT Replacements - Ruggedized Tablets	MDT Replacements - Ruggedized Tablets	MDT Replacements - Ruggedized Tablets	MDT Replacements - Ruggedized Tablets
	E-Tickets Planning	E-Tickets Planning	E-Tickets Planning	E-Tickets Planning	E-Tickets Planning	E-Tickets Planning
Historical Data Archival	Historical RMS Data Archival - DaPro	Historical RMS Data Archival - DaPro	Historical RMS Data Archival - DaPro	Historical RMS Data Archival - DaPro	Historical RMS Data Archival - DaPro	Historical RMS Data Archival - DaPro
Video Recording	Interview Room Video Recording Upgrade	Patrol Car Video Recording Upgrade				
Employee Alert & Notification Portal	IN FORCE911 Upgrade 3.0	IN FORCE911 Upgrade 4.0	IN FORCE911 Upgrade	IN FORCE911 Upgrade	IN FORCE911 Upgrade	IN FORCE911 Upgrade
Finance & Human Resources						
MUNIS (ERP) Upgrade	MUNIS Upgrade 2019.1+	MUNIS Upgrade 2021.1	MUNIS Upgrade	MUNIS Upgrade	MUNIS Upgrade	MUNIS Upgrade
Time and Expense Reporting	Time and Expense Reporting Implementation	Time and Expense Reporting Implementation				
	Advanced Scheduling Implementation	Advanced Scheduling Implementation				
Treasury (Cashiering) Module	Credit Card Integration Implementation	Credit Card Integration Implementation				
HR Recruiting and Onboarding Automation		Talent Acquisition System Planning	Talent Acquisition System Implementation	Talent Acquisition System Implementation		

Land Use

IGIS	IGIS Integration/Migration to County Hybrid Infrastructure	IGIS Integration	IGIS Integration	IGIS Integration	IGIS Integration	IGIS Integration
Land Development Software	Land Development Software Implementation	Land Development Software Implementation				
	Storm Water Management Implementation	Storm Water Management Implementation				
	Inspections Implementation	Inspections Implementation				
Real Estate Assessment	Assessment Software Upgrade	Online Appeals Software Upgrade				

Other Applications

Case Management	Commonwealth Attorney Case Management Enhancement	Commonwealth Attorney Case Management Enhancement				
Contract Management		Contract Lifecycle Management Planning	Contract Lifecycle Management Implementation			

Facilities

Combined Garage & Maintenance Facility	Architecture Design & Planning	Construction				
	IT Infrastructure Planning	IT Infrastructure Implementation				
Magistrate & Court Services Building		Architecture Design & Planning	Construction			
		IT Infrastructure Planning	IT Infrastructure Implementation			
Government Center - County Admin Renovation	Architecture Design & Planning	Construction				
	IT Infrastructure Planning	IT Infrastructure Implementation				
Board of Supervisors Room Renovation	Construction					
	IT Infrastructure Implementation					