

# Infrastructure Roadmap - August 2021

Key: Initiative requires funding and/or people resources beyond operating budget

Strategy	Activity Description	1H - FY22 (Jul - Dec 2021)	2H - FY22 (Jan-Jun 2022)	1H FY23 (Jul - Dec 2022)	2H FY23 (Jan - Jun 2023)	1H FY24 (Jul - Dec 2023)	2H FY24 (Jan - Jun 2024)	1H FY25 (Jul - Dec 2024)	overlap or interdependency with other council domain	Notes "Priority: Level 1: high priority; high commitment Level 2: subject to longer timeframe if constraints increase/shift"
Service Reviews	Systems Hosting Service Review	Implement Service Review Related Changes - Dave Kelly								Level 2
	System Backups Service Review	Implement Service Review Related Changes - Dave Kelly								Level 1
	AIX Service Review	Conduct Service Review - Steve Troester	Implement Service Review Related Changes - Steve Troester							Level 2
	ITS Storage Service Review	Conduct Service Review - Dave Kelly	Implement Service Review Related Changes - Dave Kelly							Level 1
	Data Center Hosting Service Review	Conduct Service Review - Jerry Protheroe	Implement Service Review Related Changes - Jerry Protheroe							Level 2
	F5 Load Balancer Service Review	Implement Service Review Related Changes - Dave Kelly								Level 2
Cloud	EI Total Cost of Ownership Analysis	Conduct Analysis - Ben Rogers								Level 1
	Campus Cloud Connectivity	Complete Planning & Implement - Dave Kelly, Jeff Gillitzer, Brian Beninga								Level 1
	Cloud Training	EI Teams Actively Learning								Level 1
Automation & Efficiency	Migrate to Puppet Roles & Profiles	Complete Migration - Ben Rogers								Level 2
	Close EMRB 74 Data Center	Implementation - Jerry Protheroe								Level 1
	NEC PBX (Legacy Phone) Transition to Skype for Business & Transition of Voice Services	Complete Migration Off NEC PBX - Steve Troester	Complete Transition of Voice Services Out of EI-CAS - Steve Troester						General IT Services	Level 1
	Campus IP Address Management Solution	Investigate solutions - Jeff Gillitzer	Implementation - Jeff Gillitzer							Level 1
	Automation Training	EI Teams Actively Learning								Level 1

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Clearing Technical Debt	Low Cost Block Storage	Migrate Data to New Storage System - Dave Kelly								Level 1
	Outdoor Copper Cable Replacement	Complete Connections - George Stumpf								Level 2
	ITF UPS Battery Refresh	Complete Refresh - Jerry Protheroe								Level 1
	AIX Server Refresh	Implementation - Steve Troester								Level 1
	E911	E911 Room Level Location Implementation - Steve Troester							General IT Services	Level 1
	Implement New Monitoring Platform (Prometheus)	Complete Roll Out to Non-EI Customers - Dave Kelly								Level 1
	Windows Server 2012 End of Life	Windows Server 2022 Rollout Planning - Dave, Tom, Steve	Migration in Progress (End of Life Oct. 2023) - Dave Kelly, Tom Neese, Steve Troester							Level 2
	RHEL/CentOS 7 End of Life	Planning (Linux Distro Decision) - Ben Rogers		Migration in Progress (End of Life June 2024) - Dave Kelly, Tom Neese, Steve Troester						Level 2
	Data Center Network Refresh	Complete Rearchitecture & RFP - Jeff Gillitzer		Implementation - Jeff Gillitzer						Level 1
	Campus Edge Network Refresh	Implementation - Jeff Gillitzer		Implementation - Jeff Gillitzer						Level 1
	Wireless Network Refresh	Implementation - Jeff Gillitzer		Implementation - Jeff Gillitzer						Level 1
	MS SQL Server 2012 End of Life	Migrate to New Version - Dave Kelly								Level 1
New Features & Services	Core Network Refresh & Network Segmentation	Planning & Rearchitecture - Jeff Gillitzer	Technology Refresh Implementation - Jeff Gillitzer		Network Segmentation Rollout - Jeff Gillitzer					Level 1
	Network QoS			Planning - Jeff Gillitzer	Implementation - Jeff Gillitzer					Level 2
	Network Admission Control		Planning - Jeff Gillitzer	Technology Implementation - Jeff Gillitzer		Campus Roll Out - Jeff Gillitzer				Level 2
	Disaster Recovery	Plan Development In Process - Katie Kahler/Ben Rogers	Complete Plan & Runbooks - Katie Kahler/Ben Rogers/DR Architect	Test Plan - DR Architect						Level 1
	Syslog Service	Transfer Existing Syslog Servers to TPS - Dave Kelly	Develop & Launch Syslog Service - Dave Kelly							Level 2
	New Access Layer (Wired) Network Features To Improve Stability	Communication & Begin Implementation - Jeff Gillitzer	Implementation - Jeff Gillitzer							Level 1
DDoS Mitigation			Planning - Jeff Gillitzer	Implementation - Jeff Gillitzer					Level 2	
Organizational Change	Office 365 Healthcare Migration	Implementation - HCIS							General IT Services	Level 1
	Integrate AIS MS SQL Team into TPS	Complete Integration - Dave Kelly								Level 1

Note: This is not a complete list of Enterprise Infrastructure projects. A complete list is available in our project list and we also have team based roadmaps that can be shared upon request. Some high profile projects EI staff are working on are not included in the infrastructure roadmap because the assumption is they will be