

Process	Sub-Process	What (Objective)	Why (Risk or Exposure)	RETURN TO MENU	How (Applicable Controls)	Control Number
K Information Technology	K3 Network Management	Unauthorized access to firewalls, routers and PBX systems is prevented.	Without effective security administration for firewalls, routers and PBX systems, there is exposure to damage, loss, modification, and unauthorized use of data.		Rule Sets / Access Controls lists are established, documented, reviewed on a periodic basis and only accessible by authorized individuals.	K3-1.1.1
					All Network Devices are identified.	K3-2.1.1
		External Network Access devices (modems, VPNs, etc.) are configured to prevent unauthorized access.			All Network Devices are configured according to County standards.	K3-2.1.2
					All connections to the County network are explicitly authorized by the appropriate level of IT management. Connectivity from networks, including the Internet, which are being managed under a security policy that differs from County policy, must have the appropriate level of IT management approval.	K3-2.1.3
		Internal Network Access devices (routers, switches, wireless access points, etc.) are configured to prevent unauthorized access.	Network devices are appropriately managed in order to minimize the threat to the rest of the internal network. Network segments with critical applications are secured from general users. All devices connected to the County's internal network (i.e., routers, hubs, firewalls, wireless access points, PCs, servers, etc.) are configured and managed according to the latest County policy.		K3-3.1.1	
	Network based threats to information assets are monitored, prevented, mitigated and assessed for criticality.	Without proper threat monitoring, information assets connected to the network may be exposed to the exploitation of system vulnerabilities.	The network is monitored for unauthorized intrusion attempts and network threat activity. Activity which could result in a security breach is mitigated, reported to IT management, investigated and any damage is assessed.	K3-4.1.1		