

SOFTWARE ASSET AND TECHNOLOGY HARDWARE ASSET INVENTORY REPORT

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**COOK COUNTY REPORT ON SOFTWARE ASSETS AND HARDWARE ASSET INVENTORIES FOR
COOK COUNTY CLERK’S OFFICE**

ASSET STRATEGY

Security concerns are a primary consideration when procuring technology assets given the growing sophistication of cyberthreats. The Cook County Clerk’s Office (CCCO) routinely implements hardware and software upgrades to maintain the most up-to-date security patches. These upgrades help prevent successful cyberattacks and subsequent costly data breach remediation.

Product lifecycle, or the amount of time from technology implementation through use and eventual decline, affects not only information security but also employee productivity. The current computer and server lifecycles recommended by the Budget Office are five years. All CCCO enterprise software license procurement contracts are drafted to ensure perpetual upgrades and full support of the manufacturer.

SOFTWARE INVENTORY ASSESSMENTS

The Bureau of Technology manages the procurement of enterprise licenses for Adobe and Microsoft products. Elected Offices and the Cook County Forest Preserve are then charged-back for their portion of licenses. Procurement of licenses on an enterprise-scale helps reduce costs and improve efficiency. However, CCCO procures it’s own license for applications directly related to the operation of this office, and in a number of cases develops and deploys its own home-grown applications.

The CCCO participates in the BoT enterprise software license inventory, which is measured annually through a true-up process that helps reconcile assignment of licenses.

HARDWARE INVENTORY ASSESSMENTS

COMPUTER INVENTORY

Dept/Agency	Laptops	Computers
Elections	240	80
Recordings	5	50
Real Estate Taxes	15	50
Vital Records	15	50
Clerk of the Board	10	15
Administration / Spares	336	75
TOTAL	621	320

Per the Bureau of Technology, the minimum standards for new computer purchases for CCCO include:

- Sixteen gigabits of RAM
- An i5 processor
- A solid-state hard drive

The procurement vehicle for technology hardware is typically through reseller agreements. Cook County currently has three hardware agreements through SHI, Insight, and CDW-G all of which were obtained through the RFP process and in compliance with all legal requirements.

SERVERS

CCCO maintains a large group of servers deployed both in the Cloud at Amazon Web Services (AWS) and on prem, primarily in the BoT Nutanix environment with a few remaining stand-alone servers that will be moved to Nutanix and decommissioned in FY 2026. Hyperv virtual servers decreased from 7 to 4 and physical servers from 32 to 22.

2026	
Nutanix Virtual Servers	112
Hyper V Virtual Servers	4
AWS Virtual Servers	54
Physical Servers	22
TOTAL	192

ELECTION EQUIPMENT

CCCO uses election equipment from Dominion Voting Systems (DVS) for voting equipment and from KnowInk (KI) for electronic pollbooks.

2026	
DVS Touch Screens	4,000
DVS Scanners	2,000
DVS Tally Server Rack	2
KI e-Pollbooks	4500
KI e-Pulse AWS Server	1
TOTAL	10,503

MOBILE DEVICE MANAGEMENT

CCCO uses the Microsoft Intune Mobile Device Management (MDM) application for employees within our Microsoft Office 365 tenant with compatible County-issued cell phones. For Election specific hardware CCCO uses a combination of Absolute for Android devices and Cisco Meraki for Apple devices.

MDM software allows IT administrators to remotely manage mobile devices. Using MDM allows Cook County to install and update apps. MDM also provides the ability to delete Cook County data from a device if it becomes lost or stolen.

Other benefits of utilizing MDM include:

- Improved efficiency
- Decreased downtime for users
- Mitigation of compliance risks
- Increased data security
- Seamless delivery of services

APPLICATION INVENTORY

Dept/Agency	APPLICATIONS
Elections	29
Recordings	10
Real Estate Taxes	10
Vital Records	13
Clerk of the Board	2
Administration / IT / Other	21
TOTAL	85