



**TOP PRIORITIES FOR
PUBLIC SECTOR CIOs:
MODERNIZING
GOVERNMENT IT**



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INTRODUCTION

In the digital age, technology plays a pivotal role in the efficient functioning of government agencies. Public Sector Chief Information Officers (CIOs) are tasked with ensuring that their organizations stay up to date with the latest technological advancements while safeguarding against cybersecurity threats. The evolving landscape of public services and the pressing need for streamlined, citizen-centric experiences present both challenges and opportunities for these CIOs. This blog explores the top priorities for Public Sector CIOs and discusses potential solutions to address them.

01

Cybersecurity: Bolstering Defenses in a Fragmented Environment

One of the most pressing concerns for Public Sector CIOs is cybersecurity. Government agencies and municipalities often struggle to harden their defenses due to a myriad of challenges, including:

- Disparate cybersecurity strategies.
- A proliferation of legacy systems.
- Workforce shortages.
- Legacy applications that lack compatibility with the latest security features.

Shockingly, only 14% of state agencies had fully implemented an identity, credential, and access management solution as of 2022. To address these issues, CIOs must prioritize modernizing their cybersecurity infrastructure, developing comprehensive security strategies, and investing in the right technology and talent to safeguard sensitive information.

02

Implementing GOTS Software: Government's Quest for Efficiency

In the private sector, companies use Commercial Off-The-Shelf (COTS) products to modernize applications, reduce development times, and cut costs. Public Sector CIOs aspire to achieve comparable results. The adoption of Government Off-The-Shelf (GOTS) software can help streamline government operations, leading to increased efficiency and cost savings.

By prioritizing GOTS software, CIOs can expedite modernization efforts, ensuring that government agencies can keep pace with the evolving technological landscape while operating within budget constraints.

03

Workforce with Modern IT and Security Skills

A recent survey revealed that 40% of public sector workers will need to change their core skills within the next five years. Fifty percent of these workers will require at least three months of re-skilling to meet new government objectives. To keep pace with the changing digital environment, Public Sector CIOs must focus on building a workforce with modern IT and security skills. Investing in continuous training and development programs for government employees is critical. These programs should address the evolving technology landscape and the skills needed to ensure efficient government operations and robust cybersecurity.

04

Transforming Digital Services to Empower Citizens

Citizens today expect the same level of quality and personalization from government agencies as they experience with digital industry leaders. Whether interacting with government services through a website, mobile app, or in person, the experience should be seamless and consistent.

To meet these expectations, CIOs must prioritize the transformation of digital services. This entails creating citizen-centric platforms, simplifying government interactions, and ensuring that services are accessible and user-friendly across all touchpoints. This not only enhances the citizen experience but also fosters trust in government institutions.

STATE OF THE INDUSTRY



Problem: Vulnerability to Cyber Attacks

State and local governments often lack the financial and staff resources to purchase and support the necessary cybersecurity tools and enterprise infrastructure software.




Solution: Multi-Tenant ComputerVault Private Cloud

A potential solution for state and local government entities is the adoption of a Multi-Tenant ComputerVault Private Cloud. This approach allows multiple government agencies to share a single ComputerVault deployment, reducing costs as agencies pay their pro rata share. A Managed Service model ensures that customers do not have to hire dedicated administrators for ComputerVault software.



Outcome: IT Modernization and World-Class Cybersecurity



Adopting the Multi-Tenant ComputerVault Private Cloud not only reduces vulnerabilities to malware, ransomware, and phishing attacks but also offers additional capabilities such as disaster recovery, backup and recovery, and data security. Moreover, it expands the skill sets of the local labor pool, enhancing the workforce's capabilities in cybersecurity and emerging technologies like AI/ML.

Conclusion

Public Sector CIOs face a host of challenges in the ever-evolving digital landscape. Prioritizing cybersecurity, modernizing government IT, investing in workforce development, and transforming digital services are essential steps to meet the needs and expectations of citizens while ensuring the security and efficiency of government operations. The adoption of innovative solutions like the Multi-Tenant ComputerVault Private Cloud can further enhance IT modernization and bolster cybersecurity, making government agencies more resilient and citizen centric.

ComputerVault's Solution

ComputerVault is a Digital Transformation Platform designed to address the prominent issues facing organizations: IT Modernization, Cybersecurity & Managed Service Models. ComputerVault takes an infrastructure-centered approach by deploying Virtual Desktops, Virtual Servers, with built-in Cybersecurity on-premises or in a colocation facility. We offer an annual fixed-cost seat license for cost predictability and IT expenditure control.

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