



Cloud Adoption Journeys: Essential Strategies for Public Sector CIOs & CISOs



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Public Sector CIOs & CISOs**



STRATEGY

• SERVICES

• SUPPORT

• RECRUITING

• RPO

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Cloud Adoption Journeys: **Essential Strategies for Public Sector CIOs & CISOs**



STRATEGY



SERVICES



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Secure & Affordable Cloud Adoption

Public sector agencies are at a critical crossroads, faced with tightening budgets, outdated legacy systems and the pressing need to transition to the cloud. As 70% of government respondents are increasing their spend on cyber initiatives, the urgency to respond with secure, efficient digital transformation becomes essential.¹ This journey is beyond just technology upgrades. It's about reimagining how to serve constituents more effectively and efficiently while enhancing the organization's security posture.

A critical step in this journey is embracing cloud technology. However, the path is not linear - each state and local municipality faces distinct challenges and priorities. TekStream partners with CIOs and CISOs to strategically map and execute their unique cloud migration journeys.

Read this guide to learn how TekStream accelerates the transition to the cloud, improves cybersecurity defenses and transforms public sector operations to meet citizen expectations. The result? Better security, increased agility and augmented efficiency.

¹Top Strategic Technology Trends 2023. Gartner. (2024, January). Retrieved from: https://www.gartner.com/en/information-technology/insights/top-technology-trends/top-technology-trends-gov?utm_medium=press-release&utm_campaign=RM_GB_2023_ITGOV_NPP_PR1_TTT23GOV&utm_term=content

²The Gartner Predictions for 2024: Top Trends Impacting Government IT. Gartner. (2024, January). Retrieved from: <https://www.gartner.com/en/webinar/552334/1247357>

Critical Outcomes Sought by Digital Technology Investments²

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- Excel in Customer (or Citizen) Experience
 - Ensure Compliance/Minimize Risks
 - Increase Human Capital Effectiveness
 - Improve Operating Margins
 - Optimize Asset Utilization
 - Accelerate Corporate Development
 - Generate Revenue



Streamlining Agency Operations With Cloud Migration

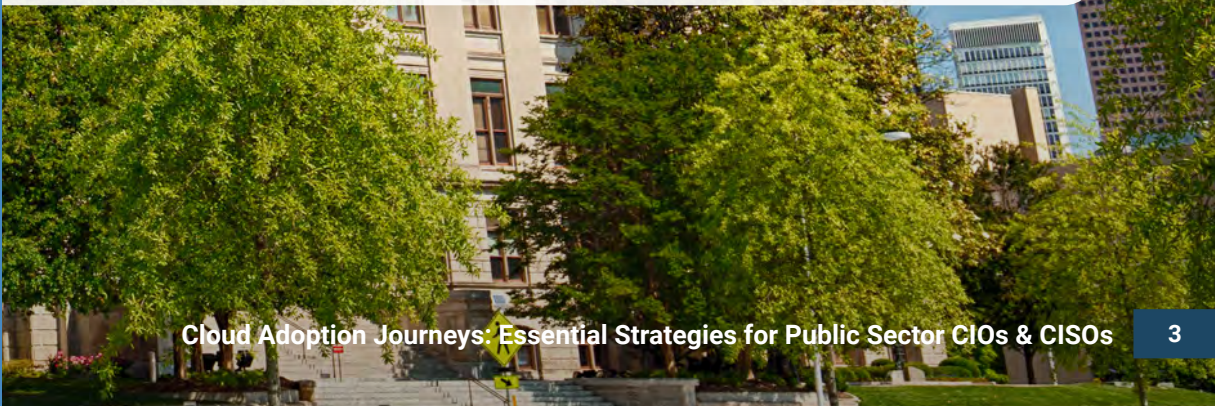
Since 2020, modernizing infrastructure and systems has become a top priority for government CIOs. With outdated systems and rising citizen expectations, state agencies, including [Georgia Technology Authority \(GTA\)](#), have turned to TekStream for solutions. TekStream's recommendation to migrate GTA's on-premises infrastructure to AWS was not just about technological advancement; it was about transforming service delivery to meet citizens' needs.

This collaboration resulted in significant operational improvements, including \$1 million in annual savings and leveraging \$150,000 in AWS incentives. GTA's success story showcases how TekStream's innovative approach tackles modernization challenges while propelling agencies toward enhanced efficiency and responsiveness.

[Discover the Impact »](#)

“TekStream worked with us to understand the complexity of the project and approach it as a team. Their unwavering commitment to our objectives and to working with us as a team was the key to the success of our project.”

Chuck Robinson | Georgia Technology Authority





Pioneering a Shared SOC Approach for Cybersecurity in Education

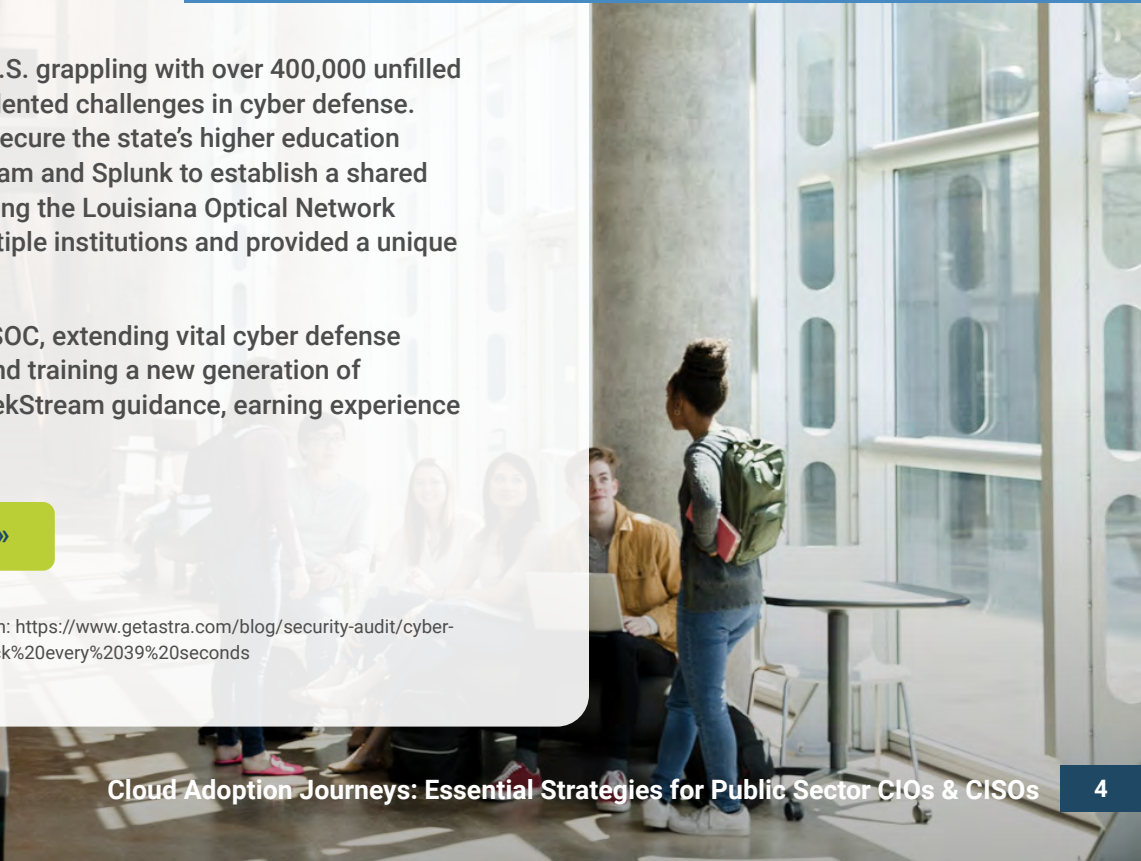
With cyberattacks occurring every 39 seconds³ and the U.S. grappling with over 400,000 unfilled cybersecurity jobs, educational institutions face unprecedented challenges in cyber defense. **Louisiana State University (LSU)** needed a better way to secure the state's higher education system. In response, LSU led a collaboration with TekStream and Splunk to establish a shared Security Operations Center (SOC). This approach, leveraging the Louisiana Optical Network Infrastructure (LONI), enhanced cybersecurity across multiple institutions and provided a unique educational opportunity for students.

The partnership led to the rapid deployment of a top-tier SOC, extending vital cyber defense resources across the state's 31 educational institutions and training a new generation of cybersecurity professionals. Students run the SOC with TekStream guidance, earning experience as they learn.

[Explore the Innovation »](#)

[Watch the Video »](#)

³160 Cybersecurity Statistics 2024 [Updated]. Astra. (2024, January). Retrieved from: <https://www.getastra.com/blog/security-audit/cyber-security-statistics/#:~:text=lt%20is%20estimated%20that%202023,hacker%20attack%20every%2039%20seconds>



“TekStream’s unique and flexible pricing model incentivizes everyone in the mix – industry, universities, students – to get better at detecting and defending against cyber threats.”

Craig Woolley, CIO | Louisiana State University

Strengthening Statewide Security With Splunk SIEM

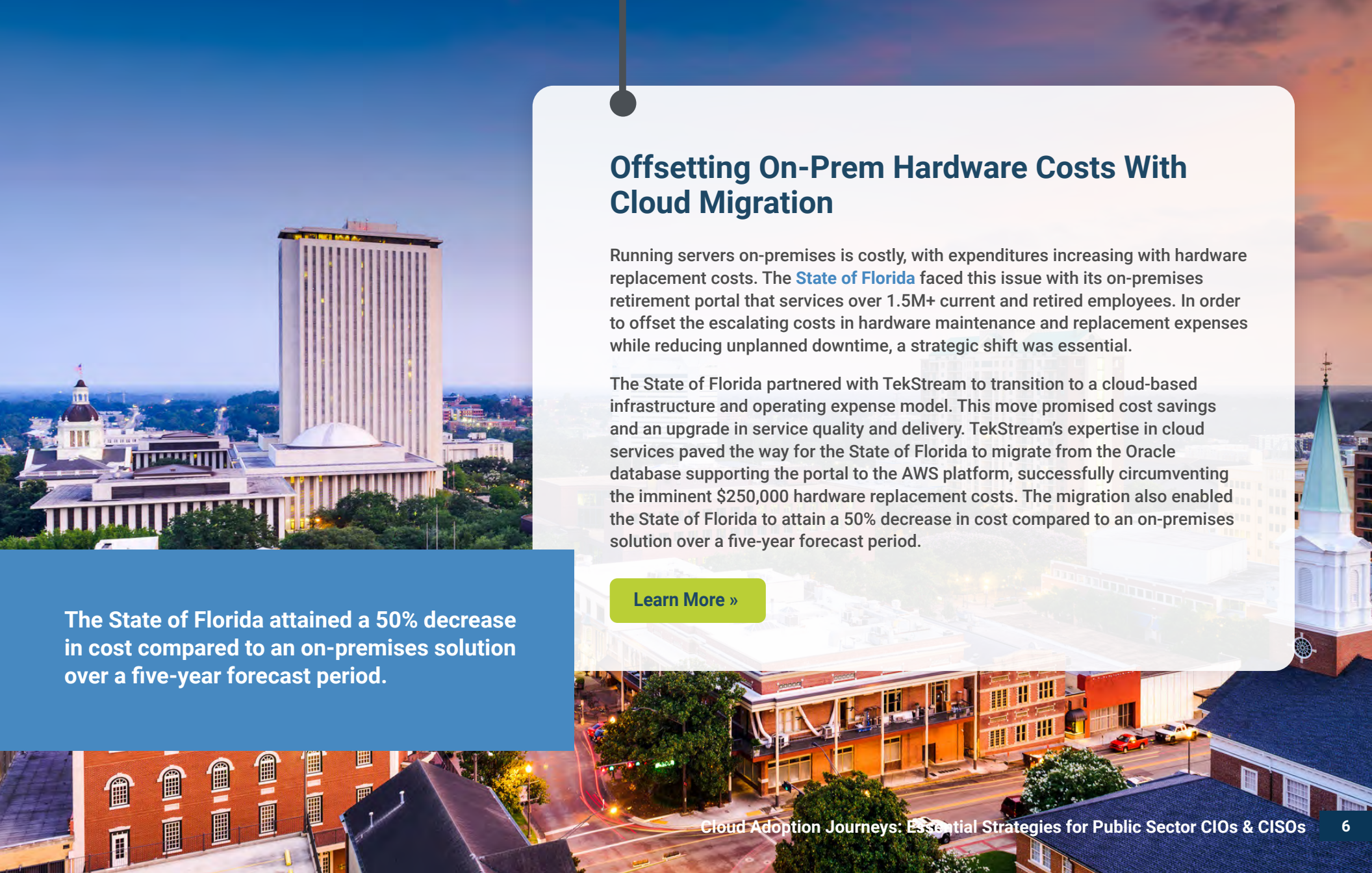
With the rising number of cyber threats, [Georgia Technology Authority \(GTA\)](#) recognized the urgency of fortifying its security framework. Partnering with TekStream, GTA implemented a sophisticated Splunk SIEM solution on AWS to address this challenge. This strategic upgrade enhanced GTA's security for both on-premises and cloud data, providing comprehensive, real-time defense against escalating cybersecurity risks.

Discover how TekStream's innovative approach bolstered GTA's security posture and streamlined its data management and incident response capabilities.

[Continue the Story »](#)

"TekStream's expert application of Splunk on AWS enabled us to enhance our security capabilities for on-prem and cloud data. Our partnership has been essential in carrying out our mission and vision for the State of Georgia."

Georgia Technology Authority




Offsetting On-Prem Hardware Costs With Cloud Migration

Running servers on-premises is costly, with expenditures increasing with hardware replacement costs. The [State of Florida](#) faced this issue with its on-premises retirement portal that services over 1.5M+ current and retired employees. In order to offset the escalating costs in hardware maintenance and replacement expenses while reducing unplanned downtime, a strategic shift was essential.

The State of Florida partnered with TekStream to transition to a cloud-based infrastructure and operating expense model. This move promised cost savings and an upgrade in service quality and delivery. TekStream's expertise in cloud services paved the way for the State of Florida to migrate from the Oracle database supporting the portal to the AWS platform, successfully circumventing the imminent \$250,000 hardware replacement costs. The migration also enabled the State of Florida to attain a 50% decrease in cost compared to an on-premises solution over a five-year forecast period.

[Learn More »](#)

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Using AI-Driven Document Processing to Improve Efficiency

The [Department of Family and Children Services \(DFCS\)](#) for one of the largest counties in the United States has more than 50,000 court reports filed yearly, which impacts productivity and the ability to meet citizen demand when short-staffed. The reporting burden was managed by an outdated, labor-intensive and inefficient court processing system. TekStream tackled this challenge by implementing an intelligent document processing system. Integrating AI and cloud-based technologies transformed how DFCS managed and processed critical family cases.

This initiative streamlined operations and unlocked significant efficiencies, including over 32,000 labor hours saved yearly and \$1.2 million in annual cost savings. Such an approach enables social workers to focus more on aiding families rather than administrative duties.

[Read the Story »](#)

“We’re thrilled with TekStream’s work. Our previous process required case workers to spend a great deal of time sorting, tagging and prepping reports and documentation for submission, which took time away from the children and families that they were supporting. By allowing automation to do the heavy lifting, we can spend more time meeting the needs of children.”

Major County | Department of Family and Children Services



Scaling Public Health Infrastructure With Cloud Migration

Several sectors faced critical staffing shortages during the pandemic. Government organizations were particularly hard hit, facing immense pressure to adapt and scale up. This scenario echoes the challenges Georgia's [Department of Public Health \(DPH\)](#) faced. DPH's existing on-premises data centers were overwhelmed, leading to system crashes amid the soaring demand for immunization record processing during the pandemic.

Partnering with TekStream, DPH embarked on a mission to migrate critical servers to AWS, leveraging the AWS Migration Acceleration Program. This approach provided over \$50,000 in funding and transformed DPH's capabilities. The transition to AWS enabled DPH to right-size its infrastructure, supporting increased demand with auto-scaling features and significantly reducing infrastructure costs.

[Learn More About the Solution »](#)

“Rapid movement to the cloud was the only possible option for the public health emergency response, and it continues to serve us well.”

Technology Lead | Georgia Department of Public Health



Streamlining AWS Project Management With Expertise as a Service

As government agencies increasingly rely on cloud services, having access to day-two support becomes critical. **Georgia Technology Authority (GTA)** faced this issue after successfully migrating a critical portal application to the cloud with TekStream. The next hurdle for GTA was handling a surge in service requests from numerous state agencies as a result of insufficient AWS expertise.

TekStream Expertise as a Service (EaaS) provided GTA the flexibility to access high-level AWS expertise on demand. This approach enabled GTA to manage several cloud projects efficiently, from new workload migrations to optimizing existing AWS applications. By leveraging TekStream EaaS, GTA streamlined its cloud project management while augmenting its cloud initiatives' overall agility and efficiency.

[Get a Closer Look »](#)

“TekStream EaaS has empowered us to better fulfill our mission to provide sound IT management to the State of Georgia. Now all of our 89 Executive Branch agencies can access AWS expertise on demand to optimize, improve and maximize the use of AWS to successfully meet agency and citizen needs.”

Chuck Robinson | Georgia Technology Authority

With a proven track record guiding diverse organizations, TekStream has the vision and expertise to streamline your cloud migration journey, enhance your security posture and elevate service delivery to create more impactful constituent experiences. We don't just envision an efficient and responsive digital future for your organization — we make it a reality.

Here's a quick snapshot of what we've been able to help our clients achieve:

- Enabled rapid cloud migration to AWS, saving a state agency over \$1 million annually.
- Pioneered a shared SOC approach in education, significantly enhancing cybersecurity.
- Transformed document processing with AI, saving over 32,000 labor hours per year.
- Streamlined AWS project management, reducing backlogs and increasing operational agility.

Explore Our Public Sector IT Services

[Learn More »](#)

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