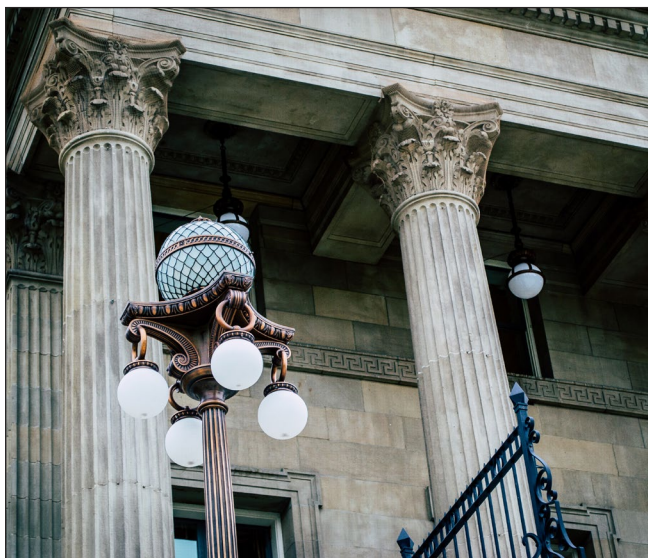
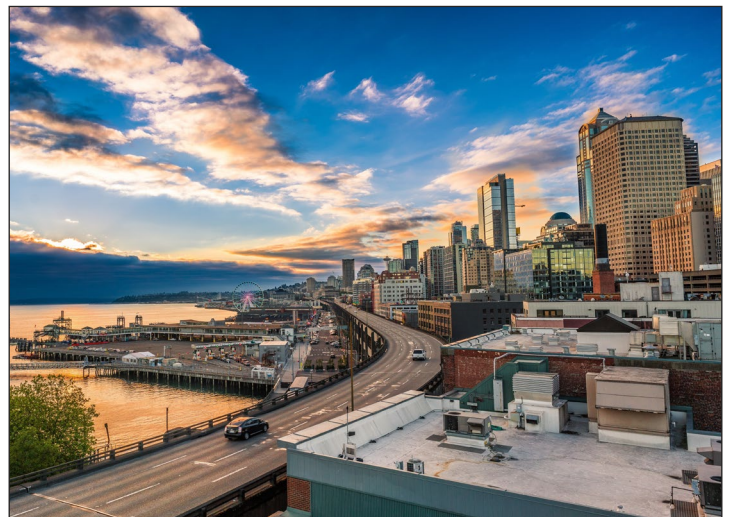


Data Protection Challenges for State and Local Government

Unique IT environments require a tailored backup solution.

State and Local IT Environments

State and Local government organizations and agencies face many challenges in protecting data, and minimizing the effect that a catastrophe has on the delivery of critical services. Managing huge volumes of data, often spread across different physical locations that require distinct levels of



autonomy, only adds to the complexity of the task. In some cases, infrastructure is in dire need of updating as IT budgets are shrinking. State and local agencies must also conform to regulatory requirements that may dictate how data is accessed, encrypted, monitored and stored for both short and long-term retention. With data stored both on-site and increasingly in the cloud, organizations are seeking backup solutions that can secure data, but also provide the visibility and access to data that facilitates productivity across departments and agencies.

A Unique Set of Challenges

The Increasing Complexity of Cyber Threats

Ransomware variants are becoming both more frequent, to the tune of thousands of variants per day, millions per year. Attackers are getting smarter, focusing their efforts on prime targets for exploitation. Not a month goes by where we aren't greeted by the frightening headline of another city or county, paralyzed by data held hostage. Organizations must be able to quickly compartmentalize and neutralize cyber threats in order to engage a powerful disaster recovery solution for fast recovery.



Regulatory Requirements

State and local governments collect and store a vast amount of personally-identifiable (PII) information about its citizens, making it an attractive target for cyber criminals. Consequently, both federal and state government agencies have introduced a range of new regulations to better protect critical data. Organizations must adapt and properly regulate the collection, transfer and storage of data to maintain compliance.

Failure to do so may result in:

- Penalties / Fines
- Criminal Investigations
- Lawsuits
- Weakened public trust

Backup vendors must provide experts with thousands of successful integrations behind them, to tackle unique scenarios and backup policies to meet regulatory needs.

Distributed Environments

Agencies are enjoying the benefits of new technologies such as cloud storage, IoT devices, SaaS, and mobile devices to get the job done. Meanwhile aging legacy systems may sit in a distant office, in a “siloe” network. These examples can lead to the complex and highly distributed environments that become extremely challenging for system administrators to manage. Government agencies require hardware agnostic solutions with cross platform support, letting them choose the best technologies for their environment.

Visibility

Any military commander will tell you that timely, accurate intelligence is crucial to the mission of defense. The system administrators access to real-time information regarding the performance of their data protection solution, similarly empowers them with the ability to make intelligent decisions about how to allocate time, bandwidth and other resources. A backup solution should provide centralized monitoring with intelligent reporting and alerts that keep your team informed, and minimize administration.



Fast Data Recovery

Meeting recovery time objectives (RTO) means that a disaster recovery solution must be able to reach across multiple storage environments and locations quickly to locate and restore information. The inability to do so can mean the loss of critical community services which could even result in the loss of life. Organizations must choose technologies that can meet the highest standards of speed and reliability in the event of a disaster.

Full Service Backup

NovaStor has a 20+ year history of working with Government agencies and Educational institutions to implement seamless backup solutions that protect critical data. Amid ever increasing cybercrime and compliance requirements, NovaStor provides convenient

enterprise backup for both physical and virtual environments with unmatched support. Backup engineers stand at the ready to provide full-service integration, working as an extension of your own IT team. As environments become more distributed there is a direct impact on how data must be secured. NovaStor's DataCenter solution provides multi-tenancy functionality that gives users the ability to maintain multiple locations, departments and users within the backup infrastructure. With features like multistreaming DataCenter increases the speed of backup and restore jobs tremendously, resulting in a solution that offers the best cost-to-feature and performance ratio on the market today.

NovaStor® (<http://www.novastor.com>) represents "Backup for the Rest of Us" by empowering overwhelmed and underfunded IT administrators with all-inclusive, fast, highly scalable, budget sensitive data backup solutions for both physical and virtual environments. NovaStor's disruptive approach redefines service by including personalized local, expert level professional services as part of every solution - helping ease the enormous expectation being placed on maintaining a working, compliant backup under even the strictest of budgets. NovaStor's global references range in size from small highly regulated verticals to F500 environments with thousands of servers and PetaBytes of data.



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