Resilient IT Infrastructure:
Critical Line of Cybersecurity Defense for State and Local Government

Public-sector IT managers have to be proactive in preparing for attacks and disastrous events that can put sensitive information at risk. Proven IT infrastructure solutions from Dell EMC, backed by deep public-sector and security expertise, enable government IT to implement the right level of protection for their digital assets before a potentially damaging incident occurs, and recover quickly if it does.
Growing risk for increasing volumes of public-sector data

The IT organizations in state and local governments have always needed disaster recovery plans to safeguard data, applications and infrastructures against disastrous events. What’s different today is that such events are more frequent and more damaging than ever—and there is a lot more data that must be protected.

- **Natural disasters** like floods, wildfires and hurricanes are increasing in scope and intensity. Technology managers need to do what they can to ensure data and applications remain available and in operation.

- **Ransomware and other malware attacks** are becoming more frequent and costly. Espionage and hacktivism also jeopardize the integrity of public-sector infrastructures and data. IT teams have to stay informed regarding evolving threats, mitigate risk before it becomes damaging, and be ready to perform a fast, reliable recovery when a breach happens.

- Constituents are increasingly aware of **digital risk** when they provide sensitive information to their government, and they are looking for public-sector IT leaders to keep their data safe.

- Law enforcement, facilities and asset management, and other activities generate growing volumes of **surveillance data** that needs to be collected, stored, protected and kept available. Without the right processes and tools, these functions can quickly become slow and inconsistent, reducing the effectiveness of surveillance and resulting actions.
Dell EMC Data Protection Portfolio: Digital security for worst-case scenarios

**Dell EMC Data Protection Suite** delivers comprehensive, simple, flexible data protection that can accelerate backups of mission-critical applications up to 20 times faster and recoveries up to 10 times faster when compared to traditional backup solutions. Dell EMC data protection software supports many use cases that are common in state and local government, including intelligent traffic control, dispatch and 911 call records, public safety surveillance and evidence control, and tax and license fee transaction processing.

**Dell EMC Data Domain**, powered by Intel® Xeon® Scalable processors, provides scalable, reliable and cloud-enabled backup appliances that protect data wherever it lives, keeping the amount of needed disk storage to a minimum.

**Dell EMC Integrated Data Protection Appliance** enables backups, replication, deduplication and recovery with low-cost protection storage that is easy to deploy and manage. This cloud-ready solution offers powerful search and analytics capabilities.
Dell EMC Cyber Recovery: The ultimate line of defense against cyberattacks

Cyber Recovery simplifies and accelerates the activities of planning and performing recoveries following ransomware or other malware incidents.

- Plan recovery by identifying your applications, recovery times and recovery point objectives. Dell EMC advisory services help you determine the systems to protect, the recovery requirements and the infrastructural tools for recovery.

- Isolate and securely lock data, pinpoint security issues, and create policies. The Cyber Recovery Vault creates immutable copies of your critical data, stores them offline and surrounds your data with the protective barriers to keep it safe from internal and external attacks.

- Recover quickly after an attack, using your disaster recovery procedures to bring systems back online. Dell EMC helps you remove malware and perform damage assessments and forensics to assist in recovery and remediation.

- Pinpoint security issues and create data protection policies based on your analysis of the fast-changing threat landscape with Dell EMC tools that incorporate artificial intelligence and machine learning.
Dell EMC provides a portfolio of innovative surveillance solutions that range from the edge to the data-center core and into the cloud. They include:

- **Meter readers, police body cameras, traffic signals and a growing number of intelligent IoT devices at the edge**
  Dell EMC IoT gateways and rugged devices spread throughout the community capture actionable data.

- **Workstations, servers and storage at the core**
  Dell EMC offers a complete portfolio of modern data-center IT solutions for small, medium-sized and large cities and counties, to the largest states in the nation.

- **Storage and disaster recovery capabilities in the cloud**
  In partnership with the countries leading service providers, VMware, and Virtustream, Dell EMC helps governments design and operate the best multi-cloud solution to meet their needs at any given time.

Intel® Xeon® Scalable processors make it possible for Dell EMC surveillance technology to scale to the most demanding data workloads. More than 20 Dell EMC partners offer surveillance technology that is extensively tested and validated in Dell EMC advanced labs.

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Learn more about Dell EMC SLG resources and solutions
Contact a Dell EMC government expert at 1 (866) 438-3622
Connect with @DellEMCSLG