Protecting the integrity of data and systems in the public sector

State and local governments need to protect sensitive information and digital resources from the ravages of natural disasters, malware and other cyberattacks.
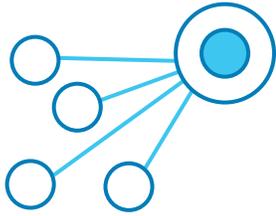

Natural, catastrophic events on the increase

Close to **1,000** catastrophic natural events happen every year now, compared to up to 300 in the 1980s.[1]

Hurricanes are likely to become more **intense,** larger and longer.[2]

820,000 acres had burned in wildfires in California by August 2018, doubling the fire zones of 2017.[3]

100% increase in coastal flooding in the U.S. is predicted over the next 30 years as sea levels rise.[4]

Ubiquitous ransomware and other malware attacks

Government organizations were the **top ransomware** target in 2017.[5]

47.1% of local governments experience a cyberattack at least once a day.[6]

4,000 ransomware attacks have occurred daily in the U.S. since the beginning of 2016.[7]

There has been a **300%** increase in attacks from 2015.[8]

Ransomware is the **fastest-growing** malware threat in the U.S.[9]

Constituents demand cybersecurity action

71% of Americans say state and local governments should spend more on preventive data protection measures.

74% of Americans say governments should also take steps to protect constituents' personal data.[10]

Dell EMC provides SLG organizations peace of mind with comprehensive, simple and flexible solutions powered by Intel® Xeon® Processors

Dell EMC Data Protection Suite delivers comprehensive, simple, flexible data protection, powered by Intel® Xeon® Processors.

- Accelerate backup by up to 20 times
- Speed recovery of mission-critical applications by up to 10 times

Dell EMC Cyber Recovery automates workflows to protect data and recover after a ransomware or other malware incident.

- Plan recovery by identifying your applications, recovery times and recovery point objectives.
- Isolate and securely lock data.
- Recover quickly after an attack.
- Pinpoint security issues and create data protection policies.

Dell EMC Surveillance Solutions make cities and communities more secure with video recorders and switches at the edge; workstations, servers and storage at the core; and storage and disaster recovery capabilities in the cloud.

- #1 surveillance infrastructure provider globally[11]
- Industry's largest surveillance partner network

Growing volume and variety of data

State and local governments have to store, protect and manage data from many different sources, including:

- Body-worn video
- Mobile video
- Vehicle-based video
- Digital evidence
- Surveillance
- Gunshot audio detection
- IoT data
- Drones

[1] https://www.npr.org/2018/09/20/648700837/price-tag-of-natural-disasters-grows

[2] https://www.scientificamerican.com/article/new-data-hurricanes-will-get-worse/

[3] https://www.nytimes.com/interactive/2018/08/10/us/california-fires.html

[4] https://insideclimatenews.org/news/06062018/coastal-flooding-data-sea-level-rise-climate-change-noaa-report-high-tide-risk

[5] Verizon, "2017 Data Breach Investigations Report," 10th edition, April 2017.

[6] Ibid.

[7] http://knowledgecenter.csg.org/kc/content/atlantas-ransomware-attack-evidence-threat-state-and-local-governments

[8] Ibid.

[9] Ibid.

[10] https://statescoop.com/people-want-their-state-and-local-governments-to-pay-more-attention-to-cybersecurity

[11] IHS Markit report, "Enterprise and IP Storage Used for Video Surveillance," October 2017.

Learn more about Dell EMC SLG resources and solutions

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