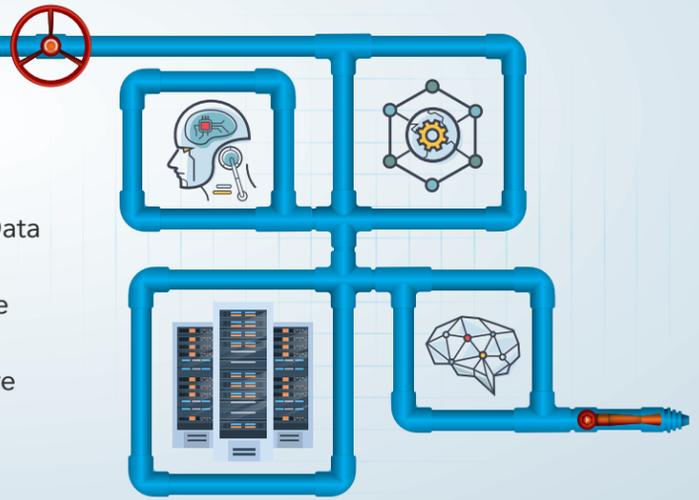


Unleash the Data Pipeline

The Federal government views data as one of its most strategic assets, and new policies, including the Federal Data Strategy and OPEN Government Data Act, are guiding agencies as they mature data management strategies. The challenge is that new technology, including IoT, is accelerating data creation exponentially. Federal teams are rethinking how they store, manage, and protect the data pipeline and their data center infrastructure.



Resource Rich – Data is Growing

80% of Feds say the amount of data they store is growing exponentially¹



But the Data Pipeline is Under Constant Threat



31,107 Federal government cybersecurity incidents in FY18²



36 million DoD email breach attempts daily³



35% of organizations experience ransomware attacks at least monthly⁴



62% faced at least one attempted attack in the last year⁴

Agencies Can't Act Fast Enough

ONLY 27% of agencies can "detect and investigate attempts to access large volumes of data"⁵

Even fewer test these capabilities annually⁵

Dual Risk – System Downtime and Data Loss

41% of organizations globally had unplanned system downtime in 2017-2018⁶

28% experienced data loss⁶

Time to Rethink Back-up and Prioritize Rapid Recovery



49%

of organizations use "traditional" backup/recovery as their primary means of ransomware remediation⁴

BUT ONLY 60%

of their business-critical apps can be restored to service from isolated protection storage⁴

Armoring and Accelerating the Data Pipeline

1 Back up early and often

2 Unify protection across entire landscape – edge to core to cloud

3 Adopt 3-layer approach for security and rapid restore:⁷

Standard backup – including cloud

Backup on a hardened backup infrastructure

Isolated (offline) backup protected with an operational, logical "air gap"

Learn More: Using technologies from replication to snapshot, backup, and disaster recovery, the Dell EMC Data Protection Suite delivers protection based on the value of the data and service levels that align to Federal agencies' unique needs.

Learn More: ThunderCat Technology, a Service-Disabled Veteran-Owned Small Business, delivers technology products and services to government organizations, educational institutions, and commercial companies.

¹Dark Data Management: The Next Frontier for Government Data
²FISMA FY 2018 Annual Report to Congress
³Pentagon Thwarts 36 Million Email Breach Attempts Daily
⁴Cyber Resiliency with the Dell EMC Cyber Recovery Solution
⁵Federal Cybersecurity Risk Determination Report and Action Plan
⁶Dell EMC Global Data Protection Index
⁷Are You Complying with the Executive Order on Cybersecurity?