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 exponentially.

But the Data Pipeline is Under Constant Threat

- 31,107 Federal government cybersecurity incidents in FY18
- 36 million DoD email breach attempts daily
- 35% of organizations experience ransomware attacks at least monthly
- 62% faced at least one attempted attack in the last year

Agencies Can’t Act Fast Enough

- Only 27% of agencies can “detect and investigate attempts to access large volumes of data”
- Even fewer test these capabilities annually.

Dual Risk – System Downtime and Data Loss

41% of organizations globally had unplanned system downtime in 2017-2018
28% experienced data loss.

Time to Rethink Back-up and Prioritize Rapid Recovery

- 49% of organizations use "traditional" backup/recovery as their primary means of ransomware remediation
- BUT ONLY 60% of their business-critical apps can be restored to service from isolated protection storage

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:
   - 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.

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