

Enterprise Data Protection

Structured Data | Unstructured Data | Data Access Governance

EVOLVING WORLD

Our world is changing, and organizations are only now realizing that acquiring and managing PII data comes with responsibilities. Avoiding those responsibilities could expose your organization to negligence, fines and negative reputation.

WE CAN HELP ANSWER THE FOLLOWING QUESTIONS

Your company may have just completed a security audit assessment and would like assistance in addressing various gaps as well as prioritizing which gaps to address first.

WHAT WE CAN DO

By combining our domain knowledge, breadth of experience in data management and hands-on engineering experience with tools such as IBM Guardium and Varonis we can help transform and adapt our clients to the cyber security era of technological change.



Data Protection Services We Offer

Vulnerability Assessment

Continuously testing databases and file systems for current patch levels and user access. Entitlements, users who has access, should be reviewed monthly by management.

Data Loss Prevention (DLP)

Three different types of DLP: Network DLP, Endpoint DLP and DAR or Data-At-Rest which covers unstructured data such as documents in file shares, Windows, Linux and NAS devices.

Data Encryption

There are many options here: encryption, masking, tokenization or obfuscation. Each technique has its own approach and depending on your use case, one must decide which one to use for structured or unstructured data

Database Activity Monitoring (DAM)

Most data breaches happen due to privileged insiders such as DBAs or systems IDs intentionally or unintentionally exposing their credential.

File Activity Monitoring Find sensitive data in documents and files and monitor who and when it is being accessed.

- Adaptive System Inc is firm solely focused on data protection to help clients address their security gaps in the financial services industry, retail/e-commerce, pharmaceuticals, healthcare, as well as state/local/Fed government.
- Our security professionals work as an extension of your team providing two main service areas: Managed Services and Professional Services. Managed services help keep "the lights green" and maintain your existing security infrastructure at a fixed manageable cost. Our professional services team helps to architect, mature and expand your security infrastructure.

Use Cases

Compliance

Whether industry regulations or government regulations, they both play a big role in all aspects of an enterprise data protection programs. SOX, PCI, HIPAA, PHI, GDPR or NYDFS (just to name a few) all influence how we implement and administer the various components such as DAM, DLP or Encryption.

Sensitive Data Discovery & Classifications

Knowing where your sensitive data and documents are should be one of the first tasks of any data security initiative. You can't protect data if you don't know where it is. Once you know where your data is, we can strategize to apply encryption, tokenization, masking or monitoring.

Data Access Governance

Knowing who has access to your unstructured data (on-prem or cloud) such as file shares and NAS should be a paramount concern to all organizations.

Database Monitoring (security & compliance)

For database security, knowing how many failed login attempts or how many SQL injections attempts have occurred certainly should raise alarms and are perfect policies to implement when deploying IBM Guardium. Compliance and Security policies certainly overlap when looking at access to sensitive data (successful failed selects on a database); in this case regulations such as PCI DSS and GDPR emphasize that we monitor sensitive information such as credit card numbers and PII data respectfully.

Our Technical Partners



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