

IT & DATA SERVICES

# Data Security & Control Infrastructure

Protecting data requires layered, intelligent controls that govern how data is accessed, moved, shared, and stored — across devices, networks, cloud platforms, and people. Our data security and control infrastructure service helps you evaluate what you have, identify what you're missing, and implement the right controls for your organisation's risk profile, sector, and compliance obligations.

## WHY IT MATTERS

Many organisations have point solutions in place — an endpoint tool here, a cloud access policy there — but no coherent, joined-up data security architecture. The result is visibility gaps, inconsistent enforcement, and controls that look adequate on paper but fail under pressure. We help organisations move from reactive, fragmented security to a coherent, documented, and auditable data security posture that satisfies regulators, reassures clients, and actually works.

## OUR SERVICES

### Data Security Posture Assessment

A structured evaluation of your current controls, architecture, and governance — identifying gaps and misalignments with your compliance obligations. Delivered as a risk-rated findings report with prioritised remediation roadmap.

- End-to-end control gap analysis
- Mapped to relevant frameworks
- Prioritised remediation roadmap

### Identity & Access Management (IAM)

We assess and help implement IAM architecture covering user provisioning, role-based access control (RBAC), privileged access management (PAM), MFA, and identity governance across on-premises and cloud environments.

- RBAC & least-privilege review
- Privileged access management (PAM)
- MFA implementation & review

### Data Loss Prevention (DLP)

DLP solutions monitor and control the movement of sensitive data across endpoints, email, web, and cloud. We evaluate requirements, select appropriate tooling, and design policies to ensure controls are proportionate and effective.

- Endpoint, email & cloud DLP
- Policy design & tuning
- Integration with SIEM & alerting

### Data Classification & Labelling

We help design and implement a classification framework — sensitivity tiers, labelling standards, and handling rules. Classification underpins DLP, access control, encryption policy, and retention decisions.

- Classification framework design
- Microsoft Purview integration
- Staff guidance & handling rules

### Encryption & Key Management

We assess your encryption posture, identify gaps across devices, storage, databases, and communications, and advise on or implement appropriate encryption and key management controls for data at rest and in transit.

- Full disk & removable media encryption
- At-rest & in-transit controls
- Key management review & design

### SIEM & Security Monitoring

SIEM platforms aggregate and correlate logs across your environment — giving you visibility to detect threats, investigate incidents, and demonstrate compliance. We assess monitoring maturity and support SIEM deployment and log source integration.

- Monitoring maturity assessment
- SIEM platform selection & deployment
- Alert rule design & tuning

## TECHNOLOGIES & FRAMEWORKS

- Microsoft Purview & Defender
- Microsoft Entra ID
- CrowdStrike
- Splunk
- Microsoft Sentinel
- Varonis
- Okta
- CyberArk PAM
- Netskope CASB
- UK GDPR & DPA 2018
- ISO/IEC 27001:2022
- Cyber Essentials
- NIST CSF
- CIS Controls
- PCI DSS
- SOC 2 Type II

### DID YOU KNOW?

- Over 80% of data breaches involve compromised credentials — making IAM the single highest-return data security investment most organisations can make.
- Shadow IT is present in virtually every organisation and represents a significant uncontrolled data flow that most security teams cannot see.
- The average time to detect a data breach remains over 190 days globally — without active monitoring, most organisations rely on external parties to tell them they've been compromised.
- Data classification is a prerequisite for effective DLP — without knowing what sensitive data you hold and where it lives, it's impossible to write meaningful prevention rules.

Whether you need a full posture assessment or help implementing specific controls, our approach is vendor-neutral and proportionate.

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