Security Checklist

by Aureco Consulting

https://aureco-consulting.com

Introduction

This data security checklist, provided by Aureco Consulting, helps businesses protect sensitive data and ensure compliance with regulations like GDPR and HIPAA. Use this guide to identify vulnerabilities, prioritize actions, and safeguard your organization's data. For tailored solutions, explore our AuditTrail360 tool or contact us.

1. Data Access Control

- Are strong, unique passwords enforced for all accounts accessing data?

- Is multi-factor authentication (MFA) implemented for systems storing sensitive data?

- Are data access privileges reviewed and updated regularly?

- Are inactive accounts with data access disabled or deleted promptly?

2. Data Encryption

- Is sensitive data encrypted both at rest and in transit?

- Are encryption keys managed securely with restricted access?

- Are outdated encryption protocols (e.g., SSL, early TLS) replaced with modern standards?

- Are employees trained on secure data transfer practices?

3. Data Backup and Recovery

- Are regular backups of critical data performed and tested?

- Are backups stored securely, with encryption and offsite options?

- Is there a documented data recovery plan for data loss incidents?

- Are backup systems protected from unauthorized access?

4. Data Audit Logging

- Are audit logs enabled for systems and applications handling sensitive data?

- Are logs reviewed regularly to detect unauthorized data access?

- Are logs stored securely and protected from tampering?

- Is a centralized logging solution like AuditTrail360?

5. Data Compliance

- Is there a data classification policy to identify sensitive information?

- Are data handling practices compliant with regulations (e.g., GDPR, HIPAA, PCI DSS)?

- Are third-party vendors handling data vetted for security compliance?

- Are employees trained on data privacy and compliance requirements?

Next Steps

- Review your checklist responses and prioritize areas for improvement.

- Consult with data security experts to address identified gaps.

- Contact Aureco Consulting at info@aureco-consulting.com for a comprehensive data security assessment.

- Learn how AuditTrail360 can enhance your data audit logging and compliance.

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