

Cybersecurity Risk Assessment Report - FinGuard

Company Overview:

FinGuard is a fictional fintech platform operating in the EU. It handles sensitive financial and user data across a cloud-based infrastructure.

Objective:

This report evaluates key cybersecurity risks affecting FinGuard and provides mitigation strategies aligned with ISO/IEC 27001.

Key Risks Identified:

1. Data Breach via Misconfigured Cloud Storage
2. Insider Threat from Disgruntled Employees
3. Lack of Endpoint Protection on Developer Machines
4. Insufficient Encryption in Data Transmission

Risk Matrix:

A full matrix is included in the Excel file, showing likelihood, impact, and ISO controls.

Recommendations:

- Enable MFA and role-based access control (ISO 27001: A.9)
- Conduct regular internal audits (A.18)
- Encrypt data in transit using TLS (A.10)
- Train staff regularly (A.7)

Conclusion:

The current posture shows medium-to-high risk exposure. Implementation of ISO 27001 controls will reduce potential vulnerabilities significantly.