

Cybersecurity Risk Management Program – BSI



PREPARED FOR THE
BOARD OF DIRECTORS



PRESENTED BY:
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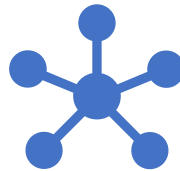


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Business Context



- Regional retail organization



- Centralized IT infrastructure



- Financial, HR, and customer data

Why Risk Management Is Needed



- Increased cyber threats



- Business disruption risk



- No formal risk program

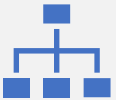
Current Risk Challenges

- No defined risk ownership

- Limited risk assessments

- Controls not aligned to risk

Recommended Framework



NIST RISK
MANAGEMENT
FRAMEWORK (RMF)



• INDUSTRY
STANDARD



• SCALABLE



• BUSINESS-
ALIGNED

RMF Lifecycle

- Categorize systems

- Select controls

- Implement controls

- Authorize risk

- Monitor continuously

Applying RMF at BSI

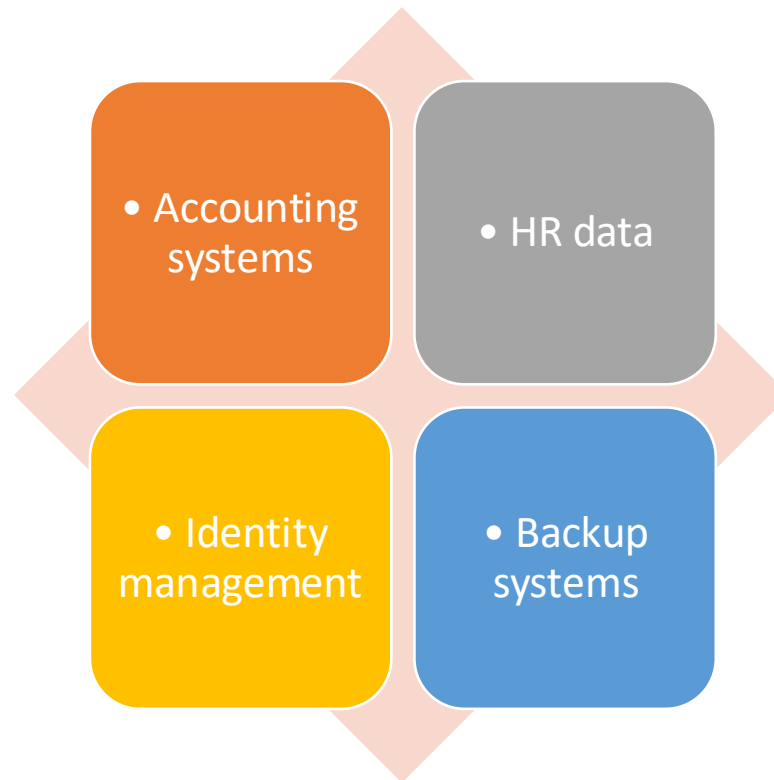
- Identify assets

- Assess threats

- Evaluate impact

- Make risk decisions

Key Information Assets



Asset Prioritization



- CONFIDENTIALITY



- INTEGRITY



- AVAILABILITY



- WEIGHTED
RANKING

Key Threats



- RANSOMWARE



- DATA BREACH

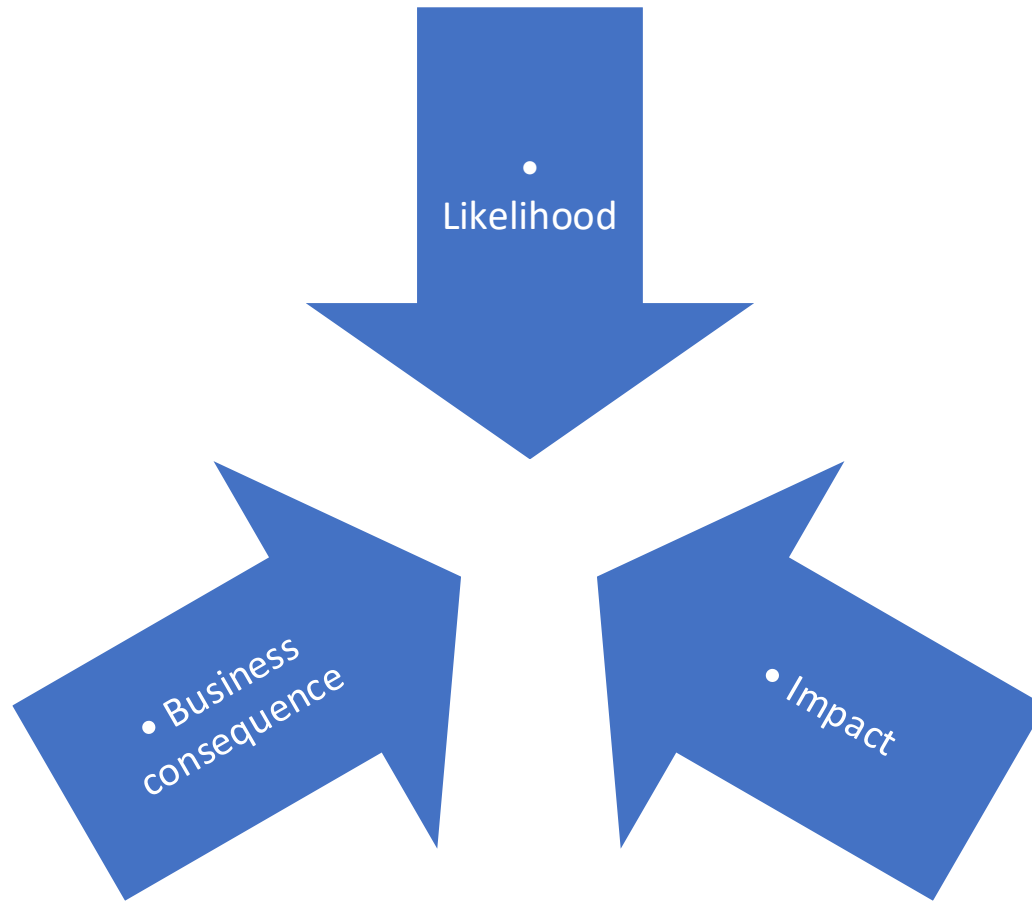


- UNAUTHORIZED
ACCESS



- INSIDER MISUSE

Threat Prioritization



Risk Analysis

- Likelihood × Impact
- Identifies highest risks



Governance Model

- Board oversight

- Executive ownership

- IT execution

Program Benefits



- Reduced risk



- Accountability



- Improved resilience



Recommendation

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- Adopt NIST RMF
-
- Formalize governance
-
- Begin continuous risk management