

# **CYBERSECURITY BEST PRACTICES**

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# UNDERSTANDING THE CYBERSECURITY LANDSCAPE

**Social Engineering** – Libraries tend to be too friendly and willing to help. It is ok to question things. If a request feels wrong or even if it doesn't, take your time and check it out.

**Ransomware** - A huge threat to every organization. The actors don't care about your organization, just what your budget is and what you can afford to pay them. No organization is immune, criminals apply pressure to all organizations they feel they can extort money from.

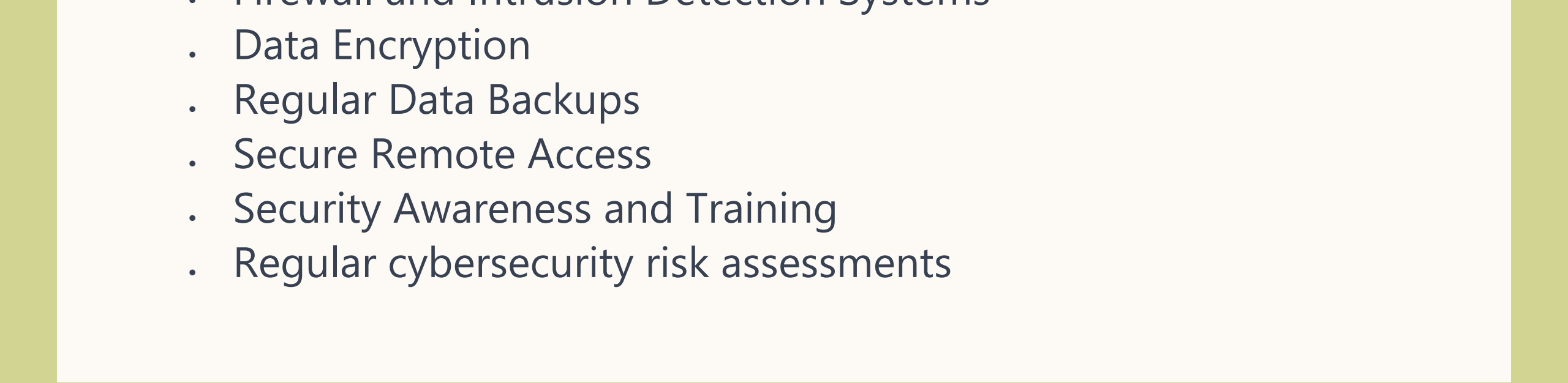


# IMPORTANCE OF CYBERSECURITY

- Most of our data is subject to FOIA, so sensitive data isn't a major concern like some companies, but that data is valuable to us, and that makes it valuable to others that might ransom it back to us.
- We provide important services to the communities we work in, and a disruption of those services may not cause a financial impact on our organizations but trust maybe harder resource to recoup.



# **CYBERSECURITY BEST PRACTICES**

- Strong Passwords and Multi-Factor Authentication
  - Regular Software Updates and Patch Management
  - Firewall and Intrusion Detection Systems
  - Data Encryption
  - Regular Data Backups
  - Secure Remote Access
  - Security Awareness and Training
  - Regular cybersecurity risk assessments
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# **INCIDENT RESPONSE**

- Developing an incident response plan
- Importance of communication and transparency
- Continuous improvement of the incident response process



# **EMPLOYEE TRAINING**

- Employee awareness and training programs
- Recognizing phishing and social engineering attempts
- Reporting security incidents
- Creating a cybersecurity culture



# INVESTMENT IN TECHNOLOGY

- Modern cybersecurity tools and solutions
- Network and endpoint security
- Threat intelligence
- Security information and event management (SIEM) systems
- Vendor risk management



# DEMO

Using RVC  
(Retrieval based Voice Conversion)

<https://www.youtube.com/watch?v=W8fbKYjbFD4>

Do not trust your ears.





**THANK YOU**

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