THE 11TH ANNUAL MJBizCon®

The Threat Is Real: Cyber Attacks and Data Breaches in the Cannabis Industry

Joe Shusko
Principal
Baker Tilly US, LLP

Ben Taylor
Executive Director
ISAO

Anna Mentzer-Hernandez
Information Security Engineer
Jamf

Christopher Clai
Director, Information Security
GTI

Cybersecurity 101

- Cybersecurity Assessment Tool- Ford Foundation
  The Ford Foundation's Cybersecurity Assessment Tool (CAT) is designed to measure the maturity, resiliency, and strength of an organization's cybersecurity efforts."

- Cyber Essential Toolkit- Cybersecurity & Infrastructure Security Agency (CISA)
  The Cyber Essentials Toolkit is a set of modules designed to break down the CISA Cyber Essentials into bite-sized actions for IT and C-suite leadership to work toward full implementation of each Cyber Essential. Each chapter focuses on recommended actions to build cyber readiness into the six interrelated aspects of an organizational culture of cyber readiness.

- Security Controls Prioritization Reference Guide- CISA
  This is a reference from CISA that breaks down the cost, impact, and complexity of implementing different security controls. The document is to help organizations prioritize security measures.

- Top 10 IT Security Actions to Protect Internet Connected Networks and Information- Canadian Centre for Cyber Security
  This document lists our top 10 mitigating actions that your organization should take to protect its Internet-connected networks and sensitive information from cyber security threats.

Ransomware

- Ransomware Prevention- Baker Tilly

  Organizations of all sizes and in all industries are targets of ransomware attacks—and the number is skyrocketing. Ransomware attacks can not only cause significant direct and indirect costs to the organization, they degrade productivity and can cause irreparable reputational damage. This guide provides 8 key steps to prepare for your defense against ransomware attacks.

- Ransomware Playbook- Cyber Readiness Institute

  This guide is intended to provide a roadmap for organizations (e.g., small and medium-sized businesses) to secure themselves against this growing threat.

Phishing

- Phishing Postcard- CISA

  User friendly postcard to help organizations identify, and respond to phishing attempts.

- Open-Source Phishing Framework- Gophish

  Gophish is a powerful, open-source phishing framework that makes it easy to test your organization's exposure to phishing.

Additional Threats

- Securing Telework Environments- Center for Internet Security
  As the trend of remote work continues to grow, this guide provides cybersecurity best practices for hardening routers, modems, and other network devices.

- Implementing Phishing Resistant MFA- CISA
  This document, updated in October 2022 provides an improved understanding of current threats against accounts and systems that use multifactor authentication (MFA)

- Business Email Compromise- FBI
  Business Email Compromise is one of the most financially damaging online crimes, and this resource outlines the tactics as well as provides mitigation strategies.

- Cybersecurity for IoT Programs- National Institute of Standards and Technology (NIST)
  Just as there are a variety of new uses, the Internet of Things (IoT) ecosystem's nature brings new security considerations for organizations of all sizes.

- A Vendor Risk Management Questionnaire Template- SecurityScorecard
  As companies add more vendors to their IT ecosystem, they need to ensure that they verify vendors' security controls, and this template offers example questions.

General Reference

- Cannabis Information Sharing & Analysis Organization
  Non-profit organization offering cannabis industry stakeholders a trusted community and forum for coordinating, collaborating, and sharing cyber threat intelligence and best practices.

- Securing Cannabis
  Securing Cannabis is a project started in 2022 aimed to support the growth of IT and Information Security professionals, and the resiliency of organizations in the Cannabis industry through knowledge sharing and community support.

- Questions Every CEO Should Ask About Cyber Risks
  To help companies understand their risks and prepare for cyber threats, CEOs should discuss key cybersecurity risk management topics with their leadership and implement cybersecurity best practices. The best practices listed in this document have been compiled from lessons learned from incident response activities and managing cyber risk.

- NACB Cybersecurity Standards
  National Association of Cannabis Businesses cybersecurity standards which were adopted on July 7, 2020.

THE 11TH ANNUAL MJBizCon®

Thank you!

Joe Shusko
Baker Tilly US, LLP
joe.shusko@bakertilly.com

Ben Taylor
ISAO
ben@cannabisisao.org

Anna Mentzer-Hernandez
Jamf

Christopher Clai
GTI
chris.clai@ieee.org