Annual IoT Security Checklist

Use this checklist to review and enhance the security of your IoT devices annually. By following this checklist, you can help ensure that your IoT devices and network remain secure, protecting your business from potential threats. Remember, regular maintenance and vigilance are key to maintaining a strong security posture.

Network Security

1. **Review Guest Network Configuration:**
   - ☐ Verify that the guest network is isolated from the primary business network.
   - ☐ Ensure IoT devices are connected to a segregated guest network.
2. **Update Router Firmware:**
   - ☐ Check for and install the latest firmware updates for your router.
3. **Change Network Passwords:**
   - ☐ Update the passwords for your main and guest networks with strong, unique passwords.

Device Security

4. **Update Device Firmware:**
   - ☐ Check for and install the latest firmware and security updates for all IoT devices.
5. **Review Device Passwords:**
   - ☐ Ensure each device has a strong, unique password.
   - ☐ Change any default passwords that might still be in use.
6. **Monitor Device Activity:**
   - ☐ Review the traffic and behavior of each device for any unusual activity.
   - ☐ Investigate any anomalies immediately.

Account Security

7. **Enable Two-Factor Authentication (2FA):**
   - ☐ Enable 2FA on all accounts associated with your IoT devices.
8. **Review and Update Email Addresses:**
   - ☐ Use unique email addresses for each device or service.
   - ☐ Ensure contact information is up to date.

Account Security continued

9. **Review Privacy Settings:**
   - ☐ Check and adjust the privacy settings on each device to the highest level of security.
   - ☐ Limit data sharing to only what is necessary.
10. **Conduct an Account Audit:**
    - ☐ Remove any old or unused accounts associated with IoT devices.
    - ☐ Ensure all active accounts are necessary and properly secured.

Additional Security Measures

11. **Limit Device Permissions:**
    - ☐ Restrict device permissions to only what is necessary for functionality.
    - ☐ Disable internet access for devices that do not require it.
12. **Review Physical Security:**
    - ☐ Ensure IoT devices are physically secure and protected from tampering.
13. **Backup Important Data:**
    - ☐ Regularly back up important data related to your IoT devices.

Documentation and Support

14. **Document Changes and Updates:**
    - ☐ Keep a log of all changes, updates, and security measures taken.
    - ☐ Document any incidents or issues that occurred over the past year.
15. **Consult with IT Professionals:**
    - ☐ Schedule a meeting with your IT professional to review the security status of your IoT devices and network.
    - ☐ Seek advice on any new security measures or best practices.