

Controls and compliance checklist

Botium Toys Cybersecurity Assessment

Controls assessment checklist

Yes	No	Control
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Least Privilege
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Disaster recovery plans
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Password policies
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Separation of duties
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Firewall
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Intrusion detection system (IDS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Backups
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Antivirus software
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Manual monitoring, maintenance, and intervention for legacy systems
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Encryption
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Password management system
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Locks (offices, storefront, warehouse)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Closed-circuit television (CCTV) surveillance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire detection/prevention (fire alarm, sprinkler system, etc.)

Compliance checklist

Payment Card Industry Data Security Standard (PCI DSS)

Yes	No	Best practice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Only authorized users have access to customers' credit card information.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Credit card information is stored, accepted, processed, and transmitted internally, in a secure environment.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Implement data encryption procedures to better secure credit card transaction touchpoints and data.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adopt secure password management policies.

General Data Protection Regulation (GDPR)

Yes	No	Best practice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	E.U. customers' data is kept private/secured.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	There is a plan in place to notify E.U. customers within 72 hours if their data is compromised/there is a breach.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ensure data is properly classified and inventoried.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enforce privacy policies, procedures, and processes to properly document and maintain data.

System and Organizations Controls (SOC type 1, SOC type 2)

Yes	No	Best practice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	User access policies are established.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sensitive data (PII/SPII) is confidential/private.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Data integrity ensures the data is consistent, complete, accurate, and has been validated.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Data is available to individuals authorized to access it.

Summary:

The assessment of Botium Toys' cybersecurity controls and compliance practices reveals a mix of strengths and areas for improvement. Notably, there are effective measures in place, such as user access policies and safeguarding sensitive data. However, certain critical aspects, including disaster recovery plans and encryption procedures for credit card transactions, require immediate attention.

In terms of regulatory compliance, the company is currently aligned with PCI DSS and GDPR best practices, demonstrating a commitment to privacy, data security, and timely breach notification.

Recommendations:

1. Implement Robust Disaster Recovery Plans: Develop and implement comprehensive disaster recovery plans for ensuring business continuity.
2. Enhance Data Encryption Procedures: Strengthen data encryption procedures, particularly for credit card transactions, to enhance security.
3. Regular Review and Updates: Establish a routine review process to ensure ongoing effectiveness of cybersecurity controls and compliance measures.
4. Continuous Training: Conduct regular training sessions to boost cybersecurity awareness among employees, reinforcing adherence to security policies.