

bsi. Keeping your digital information safe and secure

Food and beverage supply chain edition

SUPPLY CHAIN



Risks

- Attacks on websites
- Phishing emails
- Ransomware

Potential damage

- Lost customer data, non-compliance with GDPR resulting in fines and lost customer trust
- Scams resulting in payment to fraudulent organisations instead of actual suppliers incurring financial loss
- Loss of intellectual property including recipes and product formulations
- IT and telecom outages

What you can do

- End-user awareness training
- Use PAS96 guidance in risk analysis

FOOD MANUFACTURING AND PACKAGING



BSI experts can help you to find the right risk mitigation plan

STORAGE AND LOGISTICS



Risks

- Ransomware on Internet of Things (IoT) connected devices

Potential damage

- Hacking of machinery, halting production and potentially harming workers

What you can do

- Penetration testing

Risks

- Non-compliant payment systems

Potential damage

- Your bank can impose fines for non-compliance and withdraw your right to take card payments

What you can do

- Implement PCI/DSS standards

RETAILERS AND RESTAURANTS



The average cost of a cyber-attack or data breach is £700,000+ per disruption¹. Attacks can cause loss of control over production and negatively affect food safety and quality leading to product recalls, withdrawal and loss of brand trust.

¹BCI Horizon Scan Report 2020

Average investment in cyber security in the last financial year, by business sector grouping²

Finance/insurance	£22,050
Health/social care/social work	£16,800
Information/communications	£15,400
Transport/storage	£7,730
Education	£7,220
Utilities/production	£5,420
Wholesale	£4,000
Construction	£3,750
Professional/scientific/technical	£3,500
Administration/real estate	£2,870
Entertainment/services/membership	£1,940
Hospitality/food	£1,080

Food sector cyber security stats²

31%	of senior managers have never been advised / updated on cyber security
66%	have not sought any external advice/guidance on cyber security in last 12 months
43%	do not know how to act upon cyber security information and advice
55%	are unaware that they can incur fines due to cyber breaches on personal data
62%	think that people dealing with cyber security in the business do not have adequate skills in this area

²Vaidya, R. (2019). Cyber Security Breaches Survey 2019

The food and beverage supply chain is at risk

As technology and automation become more advanced, so do the associated cyber risks and subsequent damage to you and your customers.

Just as there are standards for protecting the quality, integrity and safety of your food safety management systems, there is an equivalent for managing information and cyber security. ISO 27001 is the globally adapted and respected standard for managing cyber risks across the supply chain.

To talk to an expert or access more resources tailored to helping you and your customers email bsi.za@bsigroup.com