



CYBER IN CONSTRUCTION

2025

MARKET INSIGHTS

919,000

Construction establishments
in the United States

469

Number of annually
reported cyber incidents

\$5.56M

Average cost of each
reported cyber incident

93%

Percentage of data
breaches that occur via
phishing campaigns

59%

Percentage of
construction firms that
faced a cyber threat in
the last two years

96%

Percentage of attacks
on construction firms
attempting to corrupt
backups: **61% succeed**

SpearTip's Service Areas

Advisory Services | Managed Security Operations Center | Incident Response



Why is Construction targeted?

- Securing **IoT devices, cloud environments, and remote connections** while on site requires a sophisticated cybersecurity program
- Construction firms are **deeply embedded in the supply chain**, which is a primary target of threat actors
- Construction organizations often work on large projects with numerous vendors that **require the transfer and processing of large payments**
- Projects are time sensitive and the **care to thoroughly review every email** is not always taken
- **Contact information, bid data, or project costs** can be collected with relative ease by threat actors from public and private sources

How has the frequency of cyber incidents evolved over the last 12 months?

	Increase	No Change	Decrease
Phishing	44%	49%	7%
Data Breach	35%	56%	9%
Ransomware	40%	52%	8%

*Global Construction Risk Review, 2025, Marsh

Our Analysis

- Threat actors see the construction industry as lagging in cybersecurity initiatives, somewhat due to lack of historical industry regulation in data security and privacy laws.
- New trends & technologies such as AI & ML, CAD, IoT require robust cyber controls
- Site controls can often be lacking and require unique cyber solutions, particularly with regard to the numerous contractors and vendors engaged in construction projects

Sources: Sources: IBM Cost of a Data Breach Report; IBM X-Force Threat Intelligence Report 2024; Verizon 2024 Data Breach Investigations Report; IRMI; CMAA Net; 2024 Sophos State of Ransomware report; Marsh Midwest; AGC Construction Data; AGC Surety Bonding & Construction RM Conference; Dodge Construction Network, Data Resilience in Design and Construction

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