# Freight industry grapples with rising cyberthreats



The freight industry is facing increasing challenges from evolving cyberthreats, as highlighted in the recently released “2025 Trucking Cybersecurity Trends Report” by the National Motor Freight Traffic Association. The report outlines significant risks, noting that hackers are employing increasingly sophisticated techniques, ranging from AI-powered phishing scams to cyber-enabled cargo theft.

One particularly concerning tactic on the rise is delayed phishing, in which harmful links are designed to evade initial detection and activate post-scan. This strategy poses a serious risk to freight companies, which are also grappling with the implications of AI-generated deepfakes and impersonation scams, leading industry experts to advocate for a bolstered focus on employee training and the implementation of advanced email security measures.

Amidst these growing threats, the report observes that cybersecurity defenses are becoming more robust, with artificial intelligence playing a crucial dual role. AI is not only enhancing threat detection capabilities but is also being utilised for predictive analytics, suggesting a promising future in safeguarding operations. The report indicates a shift towards zero-trust operations and improved API security, as fleets attempt to protect their Internet-of-Things-enabled assets while simultaneously navigating escalating regulatory requirements.

Nevertheless, the report cautions that a global shortage of skilled cybersecurity professionals could impede advancements in these areas, creating a potential bottleneck in the freight industry's efforts to fortify its cyber resilience. Thus, as the landscape of cyberthreats continues to evolve, the freight industry is faced with the pressing need to adapt both its technology and personnel strategies to counter these new challenges effectively.

Source: [Noah Wire Services](https://www.noahwire.com)

## Bibliography

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11. <https://www.dcvelocity.com/tech-infrastructure/technology/freight-scams-go-cyber> - Details government agencies' efforts, such as the FMCSA's alert, to protect industry players from phishing scams and other cyber threats.
12. <https://www.freightwaves.com/news/can-the-industry-overcome-its-cybersecurity-woes> - Please view link - unable to able to access data