CSIS

REST ASSURED.

Email Fraud Protection

PROTECT AGAINST
BUSINESS EMAIL COMPROMISE ATTACKS

The leader in actionable and intelligence-driven
detection and response services

www.csisgroup.com

EMAIL FRAUD. THE NUMBERS

50% **Amount** of all Internet crime losses generated by BEC.

100% **Likelihood** that the volume of BEC attacks will increase.

80% **Companies** that have reported being targeted by BEC scams.

<10% **Chances** of tracking or recovering funds following a BEC attack.

€24 billion **Value of global** BEC losses to-date.

EMAIL FRAUD. THE POTENTIAL IMPACT

Twice as substantial

A BEC attack leads to the immediate pain of lost funds and research shows that losses through Vendor Email Compromise attacks are 2x more substantial than other BEC fraud:

Average losses:

€115.000
Vendor Email Compromise attacks (VEC)

€45.000
Business Email Compromise attacks (BEC)

Just the tip of the iceberg

However, direct losses are just the tip of the iceberg. Businesses will suffer additional financial and non-financial damage through:

- Fines, penalties & litigation costs
- IT/ business crisis management & remediation
- Business interruption & loss of focus
- Damage to brand image & reputation
- Customer churn

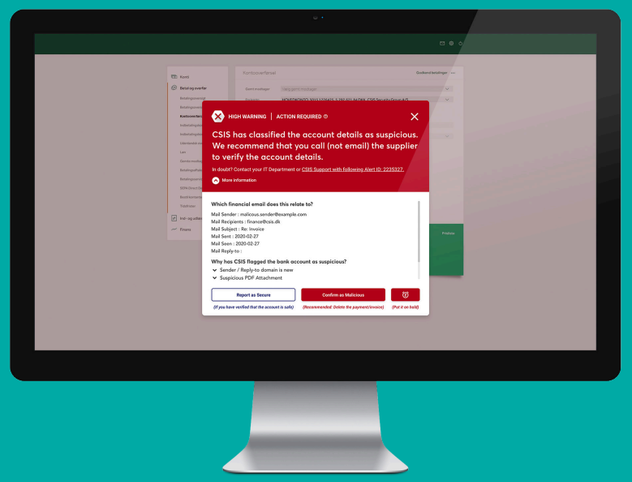
UNDERSTANDING THE ATTACKERS

We classify email attacks into 3 types – while there are overlaps, it is important to recognise their peculiarities. Impersonation attacks are the most difficult to detect and prevent.

Types	01. IMPERSONATION ATTACK	02. MALWARE ATTACK	03. PHISHING ATTACK
Method	• Typosquatting • Email spoofing • Email account take-over (BEC)	• Typosquatting • Email spoofing • Email account take-over (BEC) • Free email services • Other	• Typosquatting • Email spoofing • Email account take-over (BEC) • Free email services • Other
Payload	• Fake invoice attachment • Fake update to bank account and other key details • Secret acquisition scam • Urgent payment scam	• Malware URL • File attachment with malware	• Phishing URL • File attachment with phishing URL
"Known as"	• BEC fraud • CEO fraud • CFO fraud • Employee fraud • Vendor/supplier fraud	• Spam email • Malware email • Spear phishing email	• Spam email • Phishing email • Spear phishing email

Email Fraud Protection (EFP) provides fast and actionable detection in case of email impersonation attacks.

CSIS | **FRAUD** LOGIQ



Unlike traditional email fraud solutions, EFP continuously monitors emails, reacting in real-time to fraud attempts.

Easy implementation

CSIS's Email Fraud Protection solution is available as an application for Microsoft Office 365 and provides an added security layer to your existing email security and internal control systems. The software is installed directly on your Microsoft Office 365 instance, where it monitors and analyses all inbound, outbound and internal emails for indicators of fraud.

Unique FraudLogiq engine

Unlike traditional email fraud solutions, EFP continuously monitors emails, reacting in real-time to fraud attempts. The software uses CSIS's unique **FRAUD** LOGIQ engine to process data, determine a risk profile for individual emails and invoices and provide a recommended action. The software is built and maintained by our fraud specialists, in close collaboration with our customers, including international banks and finance professionals.

How it works

CSIS - EMAIL FRAUD PROTECTION SOFTWARE

01

Implementation

EFP is easy to install as a Microsoft Office 365 cloud app for the entire organisation. During setup, you can choose to protect all your organisation's mailboxes, or you can individually enroll selected ones.

02

Handling

All inbound and outbound emails are monitored for financial content. Any emails with financial content are flagged and assessed for their risk level. Suspicious emails are detected, and selected employees can be alerted.

Non-suspicious emails are delivered and put on a watchlist for continuous monitoring for 7 days. A unique feature of EFP is that, during this time, the solution will provide an alert if any emails on the watchlist are flagged.

03

Integrations

The solution integrates with various online banking providers and selected online payment control systems. Through these integrations, users will be prompted with alerts in a familiar language and a known environment and can take the necessary actions from there.

Additional services from CSIS

We provide 24/7 support which our customers can rely on for product support and expert advisory services.

Monitor and analyse all emails for fake invoices and bank account updates.

Benefits

- Detect fake invoices, even from compromised email accounts.
- Rate every invoice for authenticity or indicators of compromise.
- Monitor compromised emails from vendors, suppliers and internal accounts.
- Scan emails continuously, including archived content and attachments.
- Integrate easily with payment control systems.
- Get 24/7 support, including expert advisory services.

References & testimonials

"We worked with CSIS on an email forensics assignment that required millions of emails to be analysed in order to determine those of a malicious nature."

"Leveraging CSIS's email forensics platform, the work was executed efficiently and accurately. We obtained the insights that we needed and also benefitted from interaction with the CSIS team in order to review the results and understand the actions we needed to take."

Rasmus Rasmussen
Vice President IT, I&O.
Demant A/S

Demant BY MALENE BIRGER TIGER OF SWEDEN 1903

Add a robust security layer to your existing payment procedures.

Learn more

For more information, please see **www.csisgroup.com**

REST ASSURED.

CSIS IN BRIEF

- Founded in Copenhagen in 2003.
- Preferred cybersecurity services partner for many distinguished enterprise & mid-market companies.
- A leader in Managed Detection & Response, Cyber Threat Intelligence and Consulting Services.
- Recognised for innovation & excellence in technology development.
- Sector expertise in banking & financial services, retail & eCommerce, critical infrastructure, manufacturing, transport & logistics and government.
- Trusted advisor to national & international law enforcement agencies.
- Credited by Gartner.

CSIS Security Group A/S

Head office
Vestergade 2B, 4th floor
1456 Copenhagen
Denmark

UK office
95 Aldwych
London, WC2B 4JF
UK

+45 88 13 60 30
contact@csisgroup.com

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