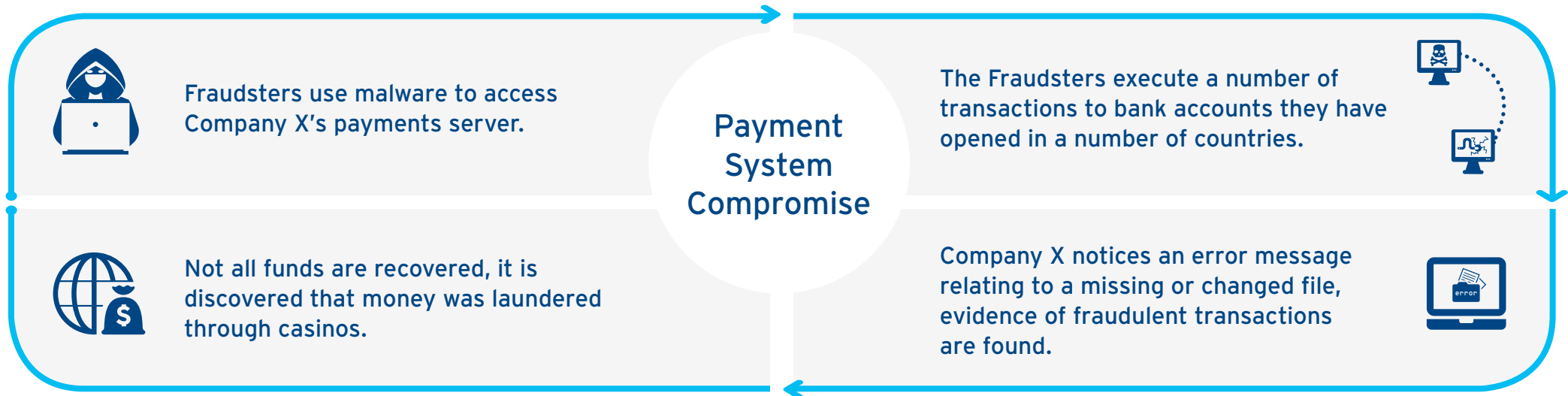


Fraud and Cyber Case Studies



Fraudsters use malware to access Company X's payments server. The malware allows the fraudsters to bypass the validity check with Company X's database DLL and to create and approve payments.

Unfortunately not all of the funds are recovered as the fraudsters took advantage of the bank holiday weekend, knowing it would take longer to uncover the fraud and moving the money to countries where there was no bank holiday so they could access the funds immediately. It is discovered that the funds were also laundered through casinos.

Once fraudsters have access to the payments server they can monitor and modify statement reports, delete transactions and manipulate balances to hide any traces of fraud. Just before a bank holiday weekend, fraudsters execute a number of transactions to bank accounts they have opened in a number of countries or jurisdictions where there is no bank holiday.

The company notices an error message relating to a missing or changed file. When this is investigated, evidence of previously unknown transactions are found. The company immediately requests the banks to issue recall requests to all counterparty banks.

RED FLAGS: Bank holiday weekend - Increased vigilance is required around public holidays; Malware detection - Malware detection software should be maintained and updated as necessary.

Notes: This fraud was detected accidentally due to a spelling error by the fraudsters in a transaction to one of the accounts. Several million USD remains unaccounted for. Additional attacks were then discovered un other locations, the malicious code was customized to carry out the attack in other locations.

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