

ATM AND POINT-OF-SALE MONITORING

PROTECT YOUR BANK AGAINST FRAUD AND INTRUSIONS

Attackers are increasingly targeting automated teller machines (ATMs) and point-of-sale (POS) devices by remotely installing malware bypassing firewalls, VPNs, network segmentation and other defenses. Increasingly, the attacks target network-based ATMs, putting today's financial institutions at considerable risk. Securing ATMs and other payment channels is no longer a choice, but has become a necessity for banks to avoid serious financial and reputational damage.

Hitachi Systems Security has developed an ATM and POS Monitoring service as part of our managed security service to protect organizations against phishing, social engineering, malware and other cyberattacks. ATM and POS Monitoring allows Hitachi Systems Security analysts to monitor the security of your ATMs and network, thus improving your security posture and protecting your organization against attacks.

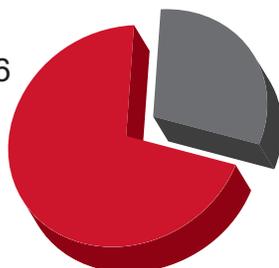
WHAT IS ATM MONITORING?

ATM Monitoring is a cybersecurity monitoring technique that uses dedicated, specifically designed agents to monitor ATMs on a 24/7 basis. This round-the-clock monitoring of ATM activity helps your organization identify potential security alerts when it comes to your ATM customers, application servers or infrastructure. In addition, by developing comprehensive threat scenarios, banks can prioritize their response to security incidents and better identify suspicious behavior to ultimately secure their ATMs and prevent attacks from occurring.

THERE ARE AN ALARMING NUMBER OF SECURITY COMPROMISES INVOLVING BOTH ATMS AND POS DEVICES.

The number of compromised debit cards at U.S. ATMs and merchant card readers rose

70% in 2016



Source: *FICO*

Since early 2018, a new fraud technique (so-called 'jackpotting') has been targeting ATM cash dispensers. Jackpotting attacks recently made the headlines in the United States when attackers connected to the external connections of several cash dispensers to deploy a malicious software enforcing the withdrawal of large amounts of cash.

ADDED VALUE

To protect banks from ATM fraud and intrusions, Hitachi Systems Security deploys a security appliance in your environment powered by our [ArkAngel Platform](#). The ArkAngel system is constantly updated with the latest information about new and emerging threats, allowing it to automatically detect the latest and most sophisticated types of attacks in real time. Our team of information security analysts then analyzes the logs that are generated from your ATMs and POS devices to identify threats and risks to the system or network.

Further, by focusing only on real threats to your critical assets, Hitachi Systems Security empowers your IT security team and provides them with a clear plan of action through our incident response management platform.

24/7 Monitoring of ATM environment

Protection against ATM and POS fraud

Log correlation for quick incident escalation and response

Real-time visibility cyberthreats

BENEFITS

Hitachi Systems Security's [ATM Monitoring service](#) offers your organization a greater level of protection for your ATM and POS environments. From our five Security Operations Centers around the world, our team monitors and analyzes the logs generated by your ATM systems and network to help you:

- ✔ Prevent ATM and POS attacks before they occur
- ✔ Secure your ATMs and other payment channels
- ✔ Gain real-time, 24/7 visibility of the threats affecting your bank's ATM environment
- ✔ Strengthen your bank's overall security posture
- ✔ Handle security incidents quickly and effectively
- ✔ Prevent financial and brand damage



The ArkAngel platform helps transform live security data from multiple sources into actionable information. Protect critical assets. Monitor network security at a glance.

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WANT TO LEARN MORE?

Check out our blog article about "[ATM and POS Fraud: Preventing Bank Card Hacks](#)".

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