CODE42

UNPREDICTABLE HUMANS: Still the weakest link in data security

Insider Threat

emanates from unintentional or malicious behavior by employees, former employees, contractors or partners with knowledge of the network and security practices.

78%

of security professionals say the biggest threat to endpoint security is negligent or careless employees who do not follow security policies[1]

90%

of organizations experience at least one insider threat each month[2]

The average organization experiences **9.3 insider threats** per month[3]

In 2003, U.S. companies suffered **$40 billion** in losses from unathorized use of computers by employees[4]

Internal actors are responsible for data loss 43% of the time; half of these exposures are accidental, the other half are deliberate.[5]

Accidental Exposure

Shadow IT applications utilized by employees can provide hackers with access points via software vulnerabilities.

Sync and share technology. 28% of employees have uploaded sensitive data to the cloud.[6]

Social engineering via phishing, phone, malicious links and physical access are on the rise at companies of all sizes.

Poor password security. Weak passwords, shared passwords and sticky note password reminders substantially reduce security.

PWORD: 1234

Malicious Exposure

Disgruntled employees, passed over for promotion or terminated, may delete files or destroy data in retaliation.

Malware infection and logic bombs purposely infect a network with malware or code “bombs” that destroy data at a future trigger date.

Selling corporate data. Some employees seek profit by selling data; others do it to watch their former company burn.

The Answer:

You’re never going to change unpredictable human behavior; employees will always be your weakest link, but as long as endpoint data is backed up, the organization is protected against accidental and malicious data loss.

1 http://www.ponemon.org 2 https://www.skyhighnetworks.com 3 https://www.skyhighnetworks.com 4 http://www.bloomberg.com 5 http://www.mcafee.com 6 https://www.skyhighnetworks.com