



Study Background • Report examines 23 incidents carried out by 26 insiders in the Banking and Finance sector • Study cites 7 findings of Insider attacks

Finding 1: Most Incidents required little technical sophistication • Insiders usually exploited non-technical vulnerabilities

- Insiders usually exploited non-technical vulnerabilities such as business rules or organization policies and were usually carried out by individuals with little or no technical expertise
- The Insider usually carried out the incidents by simple, legitimate user commands
- Few cases employed the use of advanced programs or scripts

Finding 2: Perpetrators planned their actions • Most incidents were thought out and planned in advance • Individuals close to the perpetrator usually knew of their activity

Finding 3: Financial gain motivated most perpetrators • Most insiders were motivated by financial gain • Few were motivated by revenge

Finding 4: Perpetrators did not share a common profile Insiders came from a diverse background Money the greatest equalizer? Most were not known to be difficult employees Common perceptions about insiders could be false

Finding 5: Incidents were detected by various methods and people

- Most were detected by non-technical staff such as customers and supervisors
- Insiders were caught by manual procedures, inability to log in, customer complaints, and audits
- System logs were used to obtain identities of insiders

Finding 6: Victim Organizations suffered financial loss Insider can cause an organization financial harm by direct and indirect means

•Can you really trust a study with such a small sample? •Paper states: "Many believe that insider attacks are underreported to law enforcement agencies or prosecutors. Companies may fear the negative publicity or increased liability that may arise as a result of the incidents."

Finding 7: Perpetrators committed acts while on the job

- Suspicious activity includes accessing someone else's computer, attempts to download company information to personal computer, and increasing combativeness with co-workers
- Some insiders used remote access to perform incidents (no longer felt they were being watched over their shoulder)
- Organization could offset with closer logging and audits of remote activity