

Financial services: a profitable target for cybercrime¹

Undeterred by the industry's sizeable investment in threat monitoring and detection, hackers are unleashing new attack vectors to breach critical data sources. Customers' financial data and identities are extremely valuable, easily monetized on the Dark Web and increasingly held hostage for ransom.



Attacks are more serious and potentially damaging



200M
financial records
breached in
one year²



102M
security events
experienced by
financial firms²



65%
more security events
than other industries²



42%
of financial services
attacks are
external attacks¹



\$3.62M
average total cost of
a data breach³



\$81M
stolen from bank in
account takeover²

58%
are insider attacks¹



53%
from inadvertent actors
that unwittingly aid attackers¹



5%
from malicious insiders
that aim to do harm¹

¹IBM X-Force Threat Intelligence Index, 2017. ²IBM X-Force Research: Security trends in the financial services sector, 2017
³"2017 Cost of Data Breach Study, Global Analysis" Sponsored by IBM, Ponemon Institute, June 2017.

5 things you can do to protect assets and customers against loss



1 Exploit the power of analytics and intelligence

Automate the capture and use of cyber threat intelligence, along with machine learning and behavior analytics for enhanced detection and prevention



2 Deploy data security and privacy measures

Address the need for growing governance, risk and compliance controls by implementing better data protection, access controls and monitoring



3 Improve hybrid cloud security and access controls

Fully capitalize on interoperability and cloud-enabled efficiencies by reducing cloud risks and IT fragmentation



4 Institute Internet of Things and mobile security

Meet rising customer demands for anytime, anywhere, any device access and for the safety of identity and financial data from cross-channel cybercrime



5 Safeguard deployment of new technologies

Proactively examine potential vulnerabilities and identify security changes that will be needed to stay safe and competitive, including blockchain

Organizations monitored by IBM® X-Force® security monitoring experienced

48% fewer security incidents¹

Learn how to protect your firm from becoming another cyber statistic. Discover IBM Security and start mounting your defense today. Visit ibm.com/security/solutions

