

VERIZON 2016 DATA BREACH

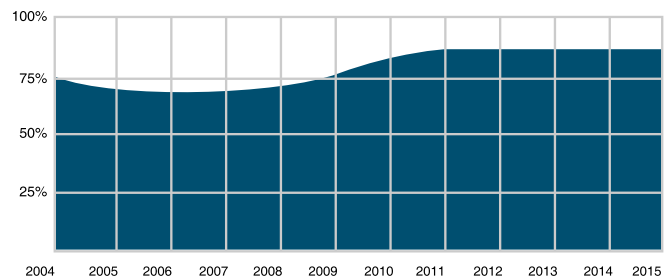
TOP 5 LESSONS

1 WHERE IS THE DEFENSE

There's a 77% gap between time to compromise and time to discovery. While attackers accomplish their goals in days, and detection is slower.

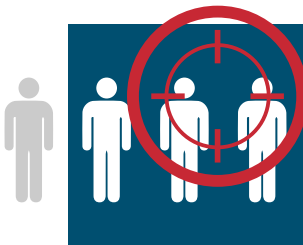
GAP BETWEEN COMPROMISE AND DISCOVERY

83% of compromises took weeks or longer to discover.



IT'S NOT ABOUT THE SIZE

2



1.5X more likely to have a security breach than large organizations

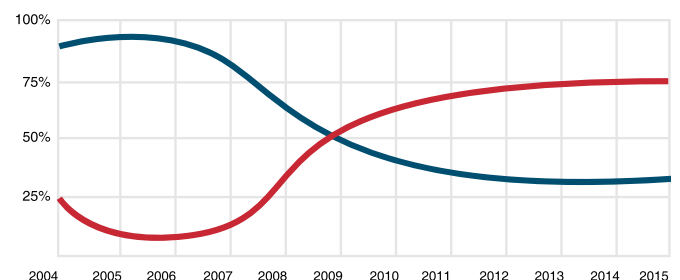
3 DISCOVERY TIME

Nearly 75% of breaches are detected by someone else – i.e. law enforcement or another external party – instead of the organization that's been owned



% Breaches Detected Each Year By Detection Type

■ YOU
■ EXTERNAL



PATCH YOUR SYSTEMS

4

85% of successful exploit traffic comes from the top 10 vulnerabilities



Exploits come out as fast as 10 days after a new vulnerability is found

5

SOME AREAS REMAINED UNCHANGED...

SAME TOP ATTACK VECTOR SINCE 2013.

Compromised credentials continue to be the most common way for attackers to breach a network.

WE STILL TAKE THE BAIT.

Once again, 23% of users open phishing emails, 11% click on attachments, and nearly 50% open emails and click on phishing links within the first hour.

OLD VULNERABILITIES STILL PLAGUE US.

99.9% of vulnerabilities are exploited more than a year after being published.



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