

Inside Data Breaches

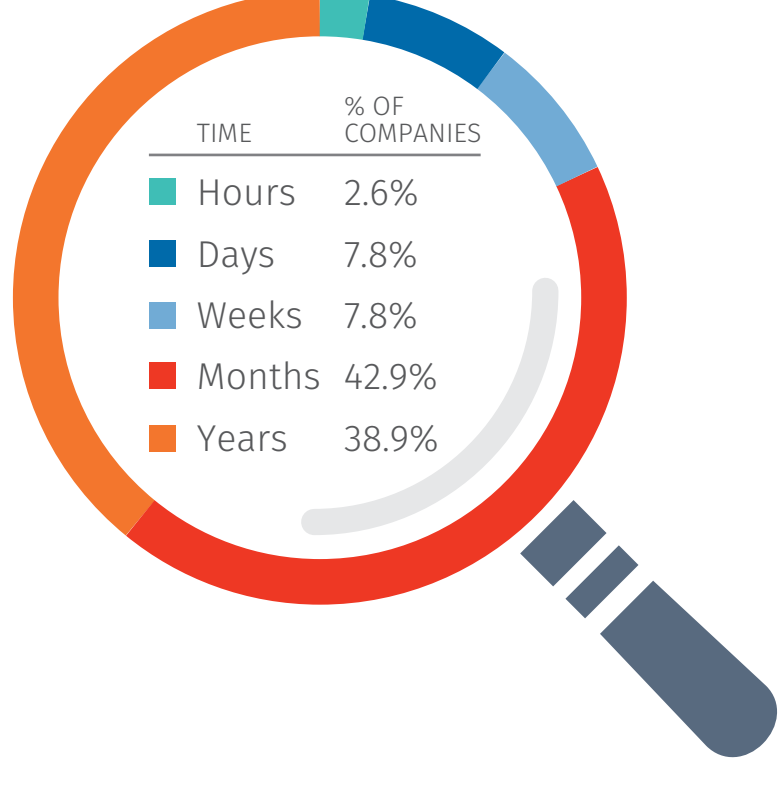
How Long Does It Take to Discover a Breach?

Dwell time can span from hours to years

Breach Dwell Time



99 Days



Time to Contain It

66 Days



Sources: 2017 Data Breach Investigations Report (Verizon); 2017 Cost of Data Breach Study (IBM Security and Ponemon Institute); M-Trends 2017: A View From the Frontlines (Mandiant)

One Data Breach Costs \$3.62 Million

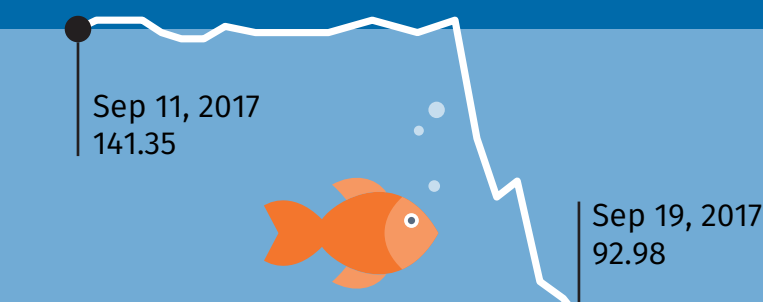
And that's just the average. Below, a breakdown of how expensive a security incident can get.



All numbers represent average costs. Sources: 2017 Cost of Data Breach Study (IBM Security and Ponemon Institute); Calculate the Business Impact and Cost of a Breach (Forrester, 8/31/17); <http://www.fairinstitute.org/blog/what-is-open-fair-and-who-is-the-open-group>

Equifax Has Lost \$7 Billion

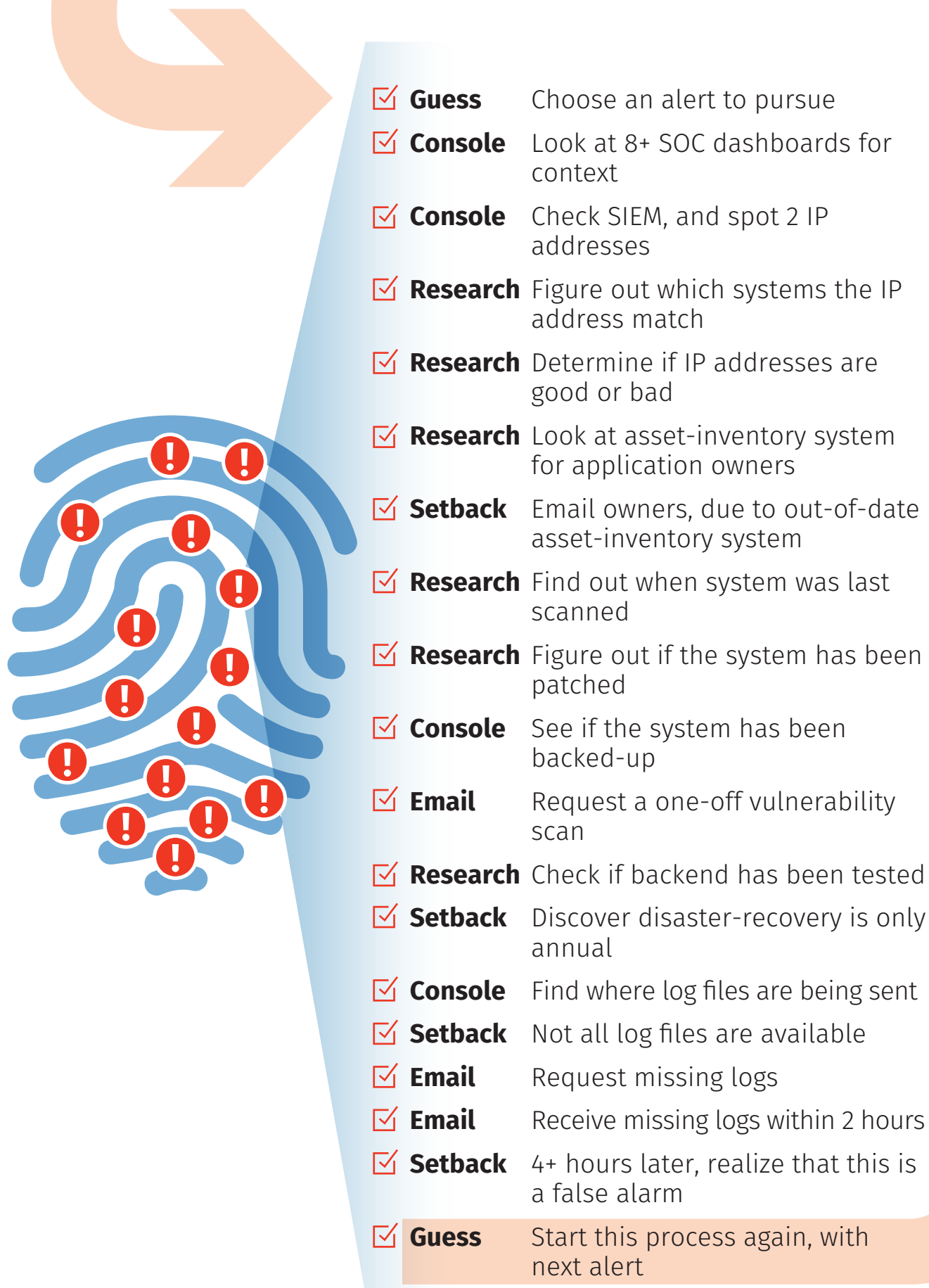
A pair of breaches caused its stock to plummet 65%—in a little more than one week



Stock figures as of 9/20/17. Source: Stock Chart and Quote (via Equifax.com)

The Neverending SOC Cycle

Security teams can get **thousands of SIEM system alerts** each day. After deciding which are most pressing, they'll spend hours investigating a threat. Here's one example of this often-fruitless search.



Sources: "Cybersecurity: Why Context Matters and How Do We Find It" and "Cybersecurity: The End of Rules Is Nigh" (Hortonworks); "What Your Security Scientists Can Learn From Your Data Scientists to Improve Cybersecurity" (TechCrunch)

How to Catch a Thief

Security analytics combined with AI and machine learning is transformative. Interset's big-data processing swiftly pinpoints threats, while expanding visibility to get a contextual picture of enterprise risk.

The solution lies in distilling **billions of events** into **hundreds of anomalies**, then into a handful of **actionable SOC leads**.

