Avecto Infographic

Why proactivity pays

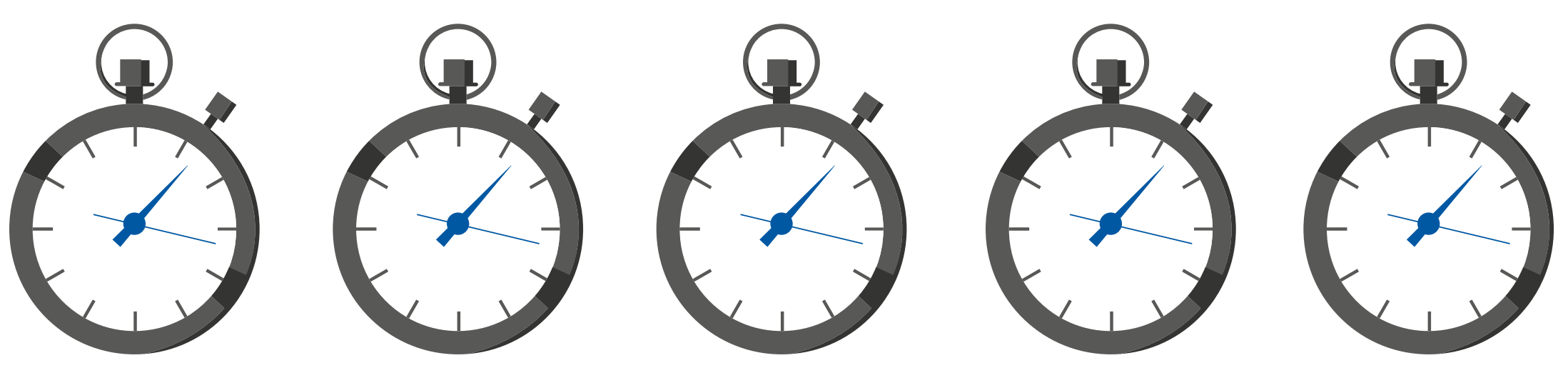
Comparing network and endpoint approaches

Network-based security solutions are designed to block and prevent threats before they reach the endpoint – where valuable data can usually be found. However, with new threats emerging every minute of the day, they are struggling to keep up.

Companies can no longer rely on this reactive approach alone, but instead need a proactive defense strategy, starting at the endpoint and building out with least privilege, simple application whitelisting and content isolation.

Reactive solutions are failing

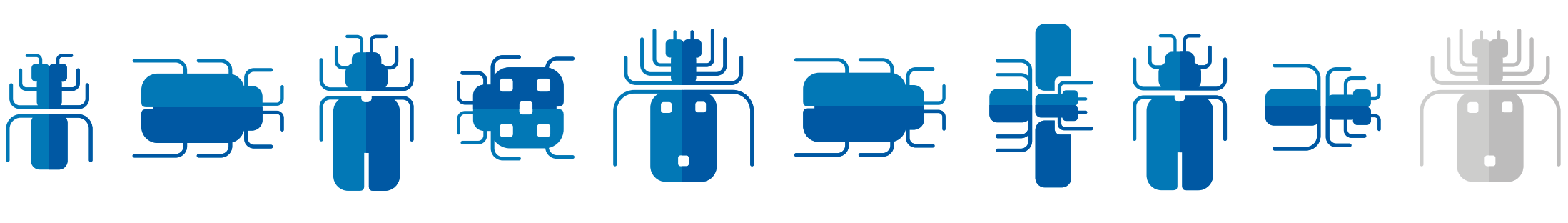
327 new threats every minute, or more than 5 every second



Just 45% of cyber attacks are prevented by antivirus technologies

74% think detection-based technology is ineffective at stopping browser-borne malware attacks

89% believe their organization has been infected by **undetected browser-borne malware**



$3.79 million - the average total cost of data breaches

44% say their endpoints have been breached in last 2 years

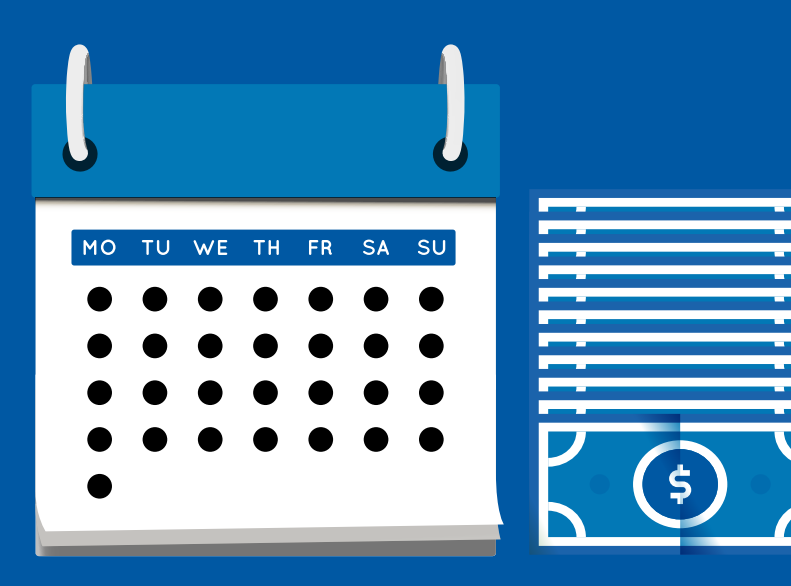
Network solutions can't keep up

Average security alerts per week 16,397

Reliable security alerts 3,218

Number of security alerts investigated 705

19% of alerts are reliable



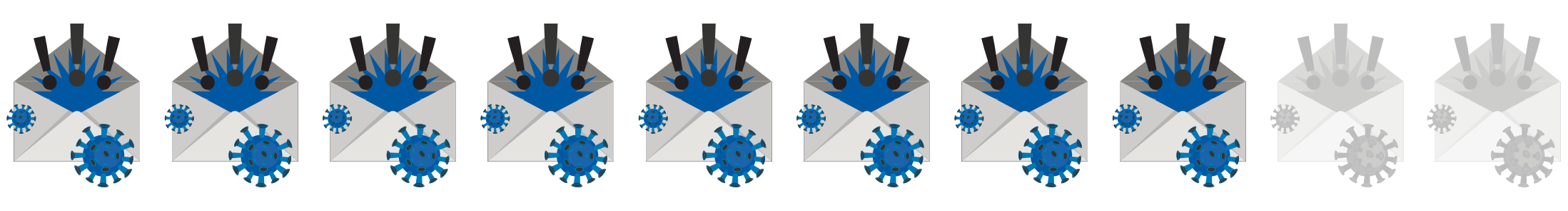
$1.27 million a year wasted responding to erroneous or inaccurate alerts

"Bloated AV solutions that rely on blacklisting can't keep up with today's advanced security threats. Now is the time to look to more proactive technologies."

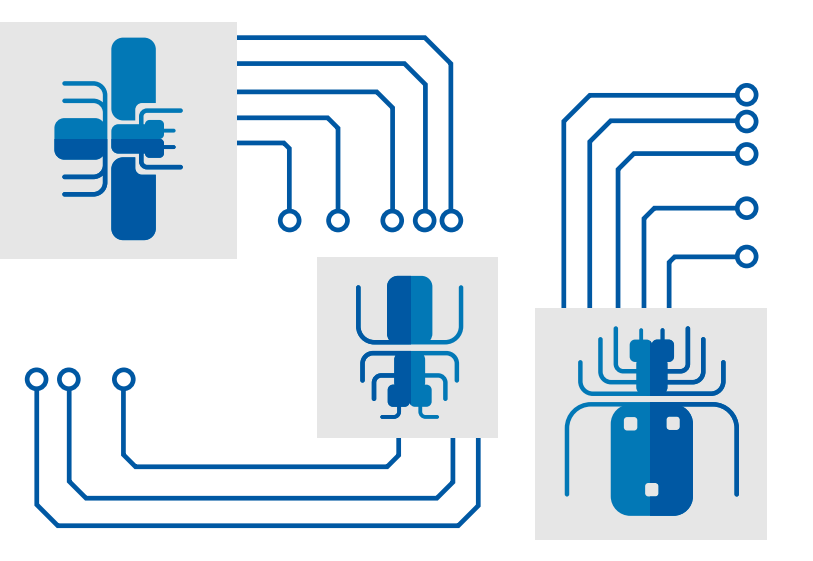
Chris Sherman - Forrester:
Prepare For the Post-AV Era Part 1: Five Alternatives To Endpoint Antivirus

Proactive security pays

80% fall for phishing emails



48% increase in ransomware attacks in 2015



70 to 90% of **malware unique** to a single organization

88% of insider threat actions can be **attributed to privilege abuse**

99.9% of vulnerabilities **compromised a year after CVE published**

Dr Eric Cole's tips to improve endpoint device security

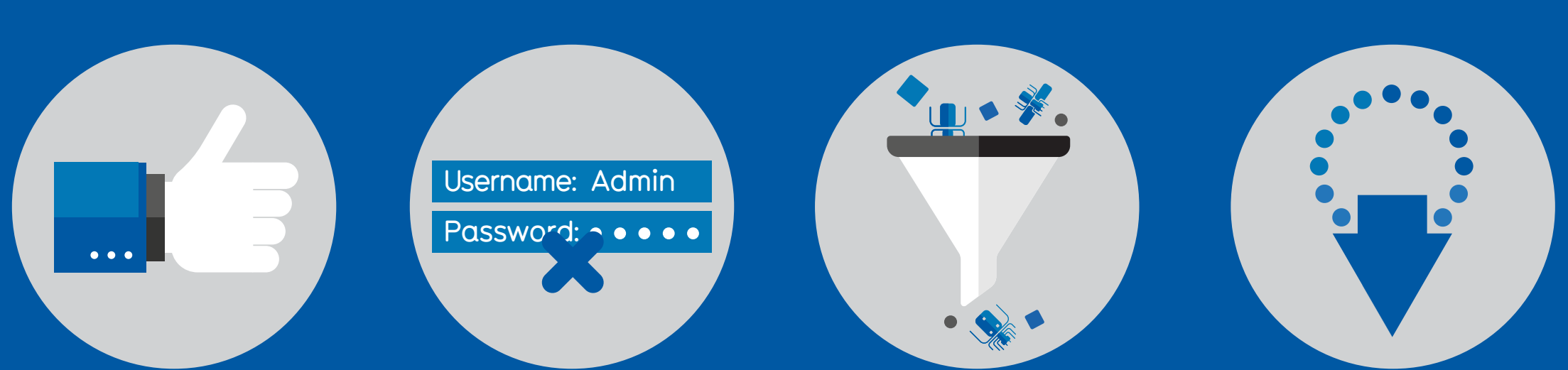
"Very often, the endpoint device was the initial point of compromise that allowed for lateral movement into the network, creating additional damage."

Dr Eric Cole:
Cyber security expert and SANS fellow

Patch all software

Run dangerous applications in virtual machines

Utilize thin clients



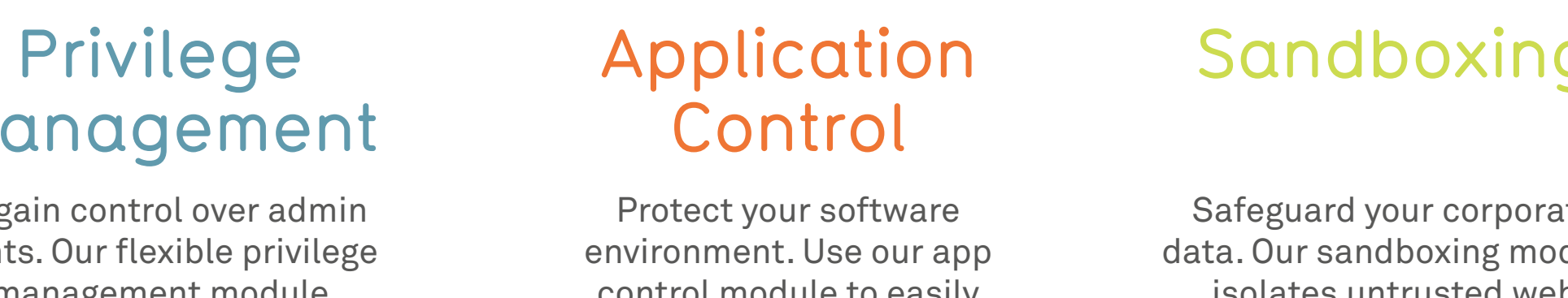
Run application whitelisting

Never log in as administrator

Filter out dangerous executables

Uninstall unnecessary software

defendpoint



Privilege Management

Regain control over admin rights. Our flexible privilege management module assigns privileges to apps, not users, to protect the operating system.

Application Control

Protect your software environment. Use our app control module to easily block unauthorized applications, defending against targeted attacks.

Sandboxing

Safeguard your corporate data. Our sandboxing module isolates untrusted web activity and places it into a secure container, capturing web borne threats.

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AV-Test.org malware statistics (Jan-2015)
2014 Verizon Data Breaches Investigation Report
http://www.mcafee.com/uk/about/news/2014/q3/20140904-01.aspx
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