

GoSecure 2018

CIAN's 11th Annual Cybersecurity Seminar

October 4, 2018

Peoria, Illinois



AGENDA

- ▶ 8:30-9:00am – Registration/Sign-In
- ▶ 9:00-9:35am – Steve Hope, CIAM President/CEO: *Intro, Emerging Threats*
- ▶ 9:35-10:10am – Cody Kretsinger, CIAM Director of Information Security: *Hidden. Invisible. Deep. Dark.*
- ▶ 10:10-10:20am – Break/Networking
- ▶ 10:20-10:55am – Bob Heiderscheidt, MDI Access President/CEO and Bob Matthews, A5 Power Solutions: *Securing your Facility*
- ▶ 10:55-11:30am – David Anteliz, Skybox Security Senior Sales Engineer: *Beyond the Scan, Vulnerability Management*
- ▶ 11:30am-12:15pm – Lunch
- ▶ 12:15-12:50pm – Joel Sible, Armis Inc. Regional Sales Director Midwest: *Agentless Security Platform for the Enterprise of Things*
- ▶ 12:50-1:25pm – Jeff Sadecky, Fortinet Solutions Architect: *Security in the world of IoT*
- ▶ 1:25-1:35pm – Break/Networking
- ▶ 1:35-2:10pm – Pete White, LogRhythm, Inc. Senior Sales Engineer: *7 Steps to Building a SOC with Limited Resources*
- ▶ 2:10-2:45pm – Nick Schroeder, Senior Security Analyst: *An In-Depth Look at Incident Response*
- ▶ 2:45-3:00pm - Networking



A large central graphic with a blue circular border. Inside the circle, the text 'A5.com' is displayed in blue and green. To its right is a logo consisting of a blue circle with a white stylized arrow pointing upwards. Below this, the text 'Your Secure Cloud Services IN CENTRAL ILLINOIS' is written in a serif font. At the bottom of the circle, the text 'backed by the power & security of' is written in a small font, followed by the 'CIAA' logo in a stylized blue font.

A5.com 

*Your Secure Cloud Services
IN CENTRAL ILLINOIS*

backed by the power & security of
CIAA

A logo for 'A5 POWER SOLUTIONS'. It features the text 'A5' in a large, bold, blue font above the words 'POWER SOLUTIONS' in a smaller, blue, sans-serif font. To the right of the text is a logo consisting of a blue circle with a white stylized arrow pointing upwards and to the right, with a grey lightning bolt striking through it.



11th Annual Cybersecurity Awareness Seminar

▶ Overarching Theme

- ▶ Cybersecurity is our shared responsibility and we all must work together to improve our Nation's cybersecurity

▶ Key Messages

- ▶ Strengthen the Nation's cybersecurity ecosystem
- ▶ Cybersecurity is a cross-cutting, cross-sector challenge, so we must tackle it together
- ▶ Increase and strengthen the cybersecurity workforce across all sectors
- ▶ Secure critical infrastructure from cyber threats

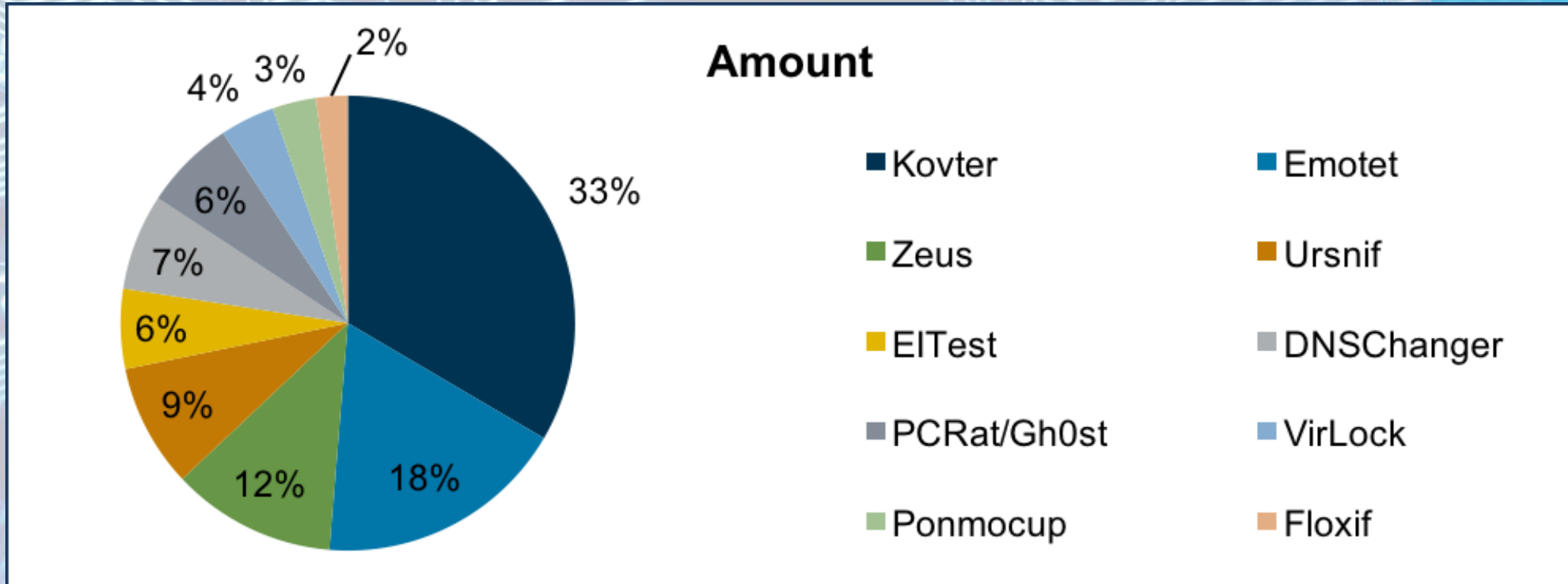


Current Hot Topics

- ▶ 2017
 - ▶ Equifax Breach
 - ▶ WPA2 “Krack”
 - ▶ Ransomware
 - ▶ Overall: Shift in Malware Trends
- ▶ 2018
 - ▶ Ransomware
 - ▶ FB Breach
 - ▶ GDPR
 - ▶ CryptoHacking

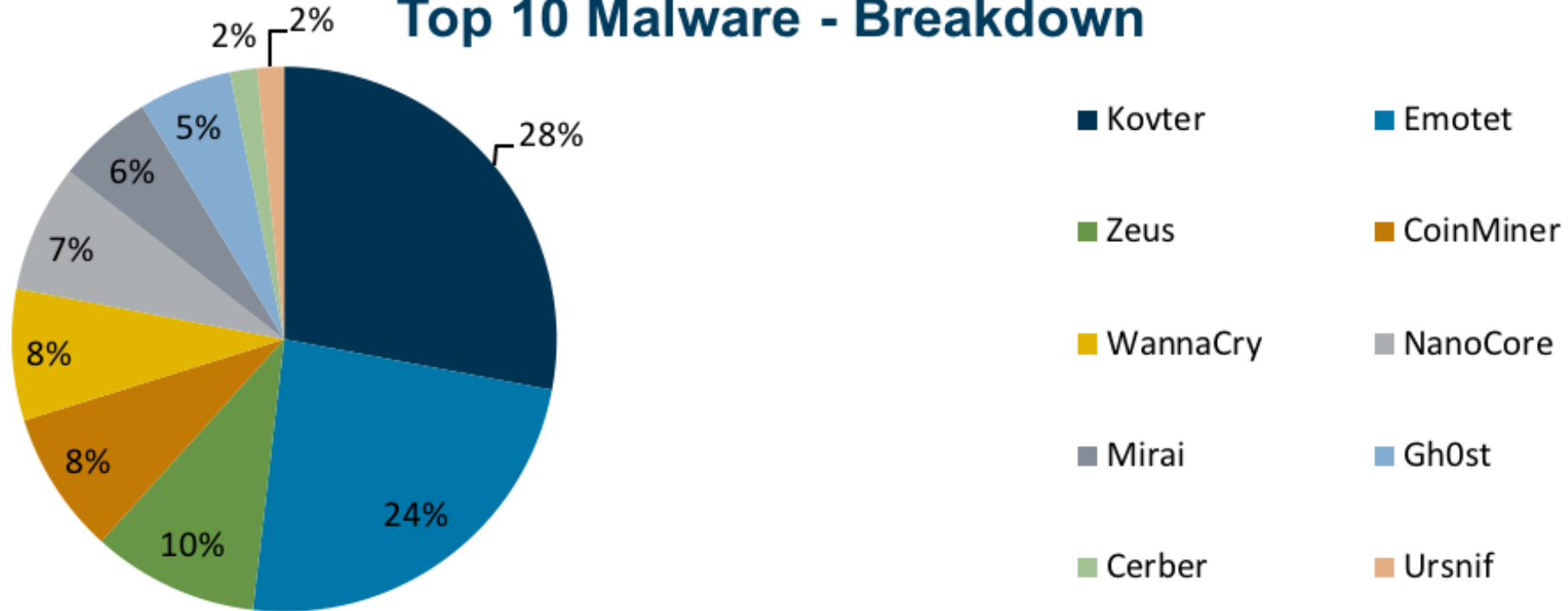


What's hitting us the worse? 2017 v 2018

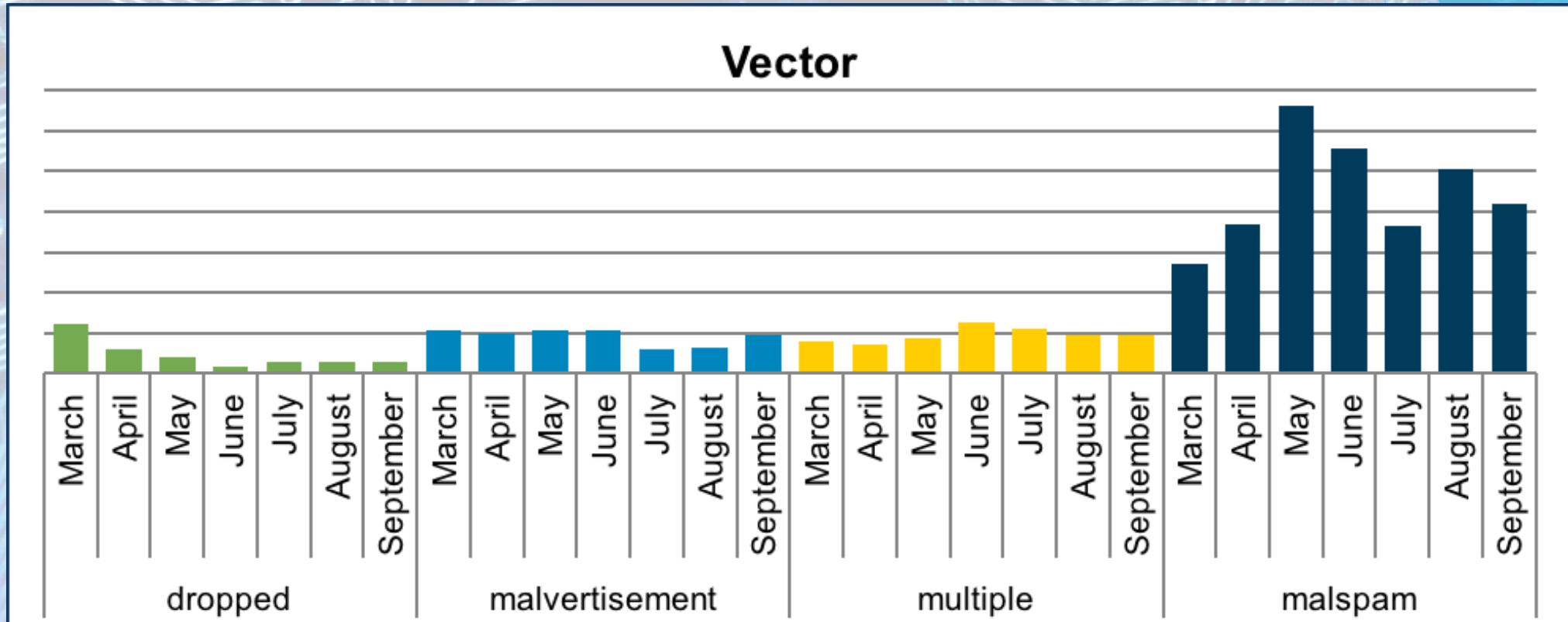


What's hitting us the worse? 2017 v 2018

Top 10 Malware - Breakdown

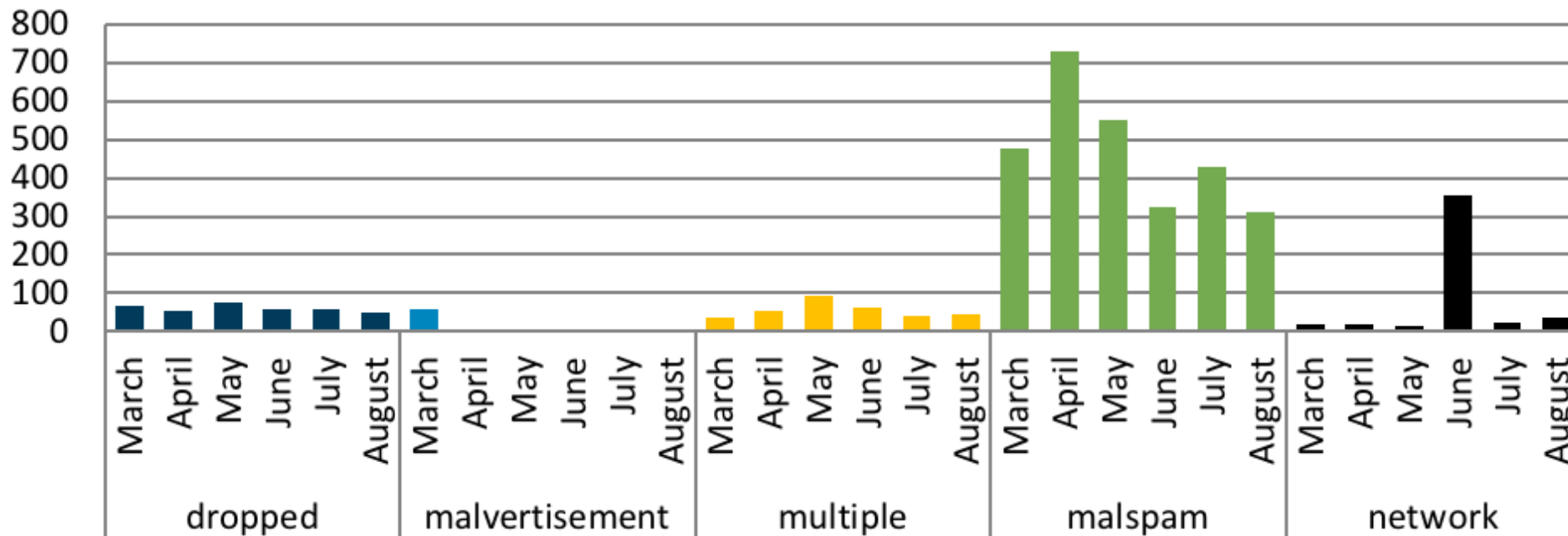


How is it hitting us? - 2017 compared to 2018

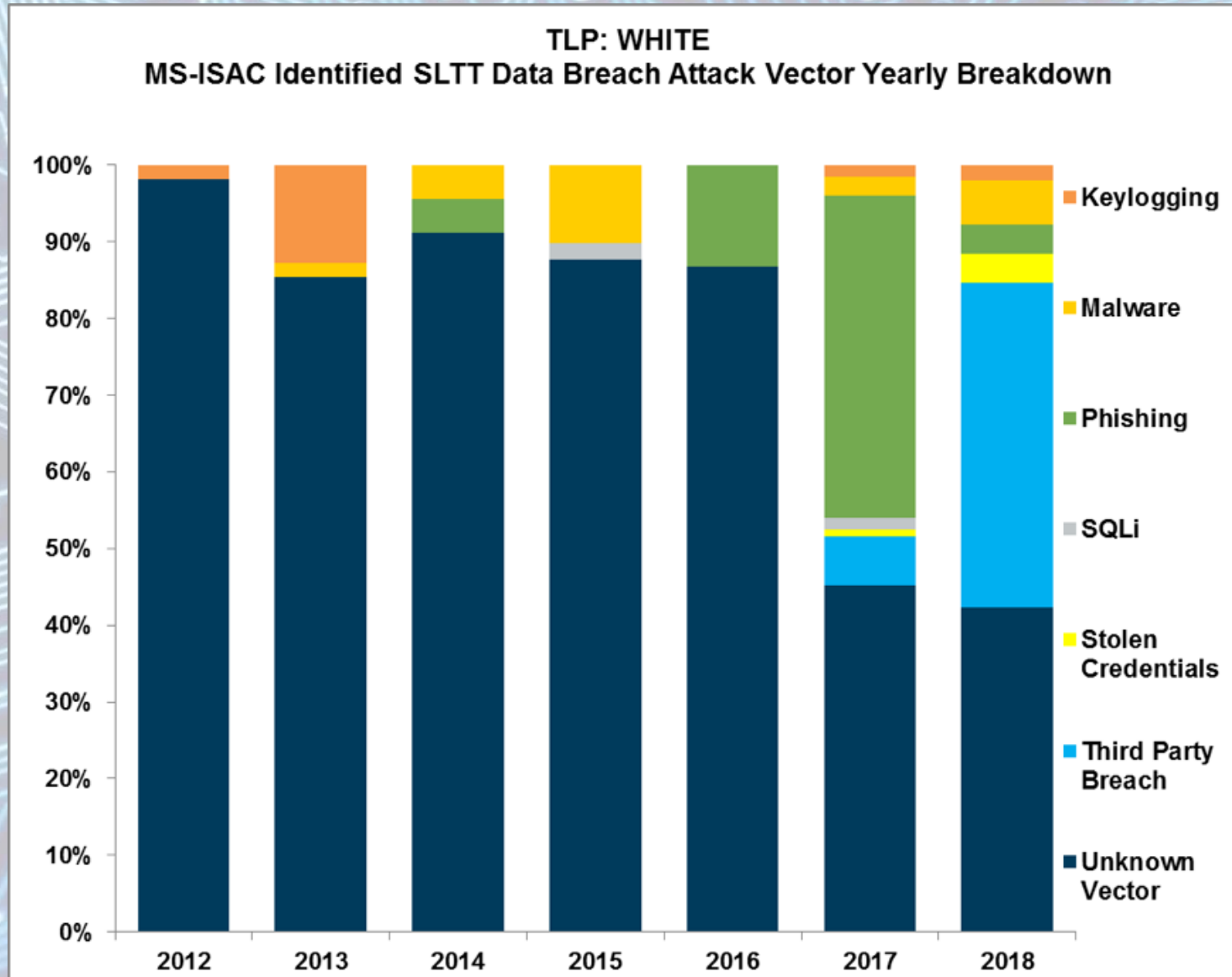


How is it hitting us? - 2017 compared to 2018

Top 10 Malware - Initial Infection Vectors



Trend



Ransomware

- ▶ Continues to be the #1 Cyber Threat of all time
- ▶ Examples of Ransomware recovery
- ▶ Backup Backup Backup - not enough
- ▶ Perform tabletop exercises
- ▶ Polish off your IR and DR plans



Facebook Breach



- ▶ 90M affected - Damage surpassed the Equifax breach of 2017 (143M) and OPM of 2016 (22M)
- ▶ You can do IR quickly or correctly, but not both
- ▶ Today's disclosure is a reminder about the dangers posed when a small number of companies like Facebook or the credit bureau Equifax are able to accumulate so much personal data about individual Americans without adequate security measures



GDPR

- ▶ EU first to implement new privacy law May, 2018
- ▶ Bad News
 - ▶ Stand By! Impact on ALL COMPANIES IN US
 - ▶ It will take a LOT of work to fix the data classification
 - ▶ Enforcement is looming - ANY personal data
- ▶ Good News
 - ▶ Regulation has produced more timely reactions to breach communications
 - ▶ Consumer point of view - what data and request deletion
 - ▶ Enforcement is looming
- ▶ What to do
 - ▶ Identify, Protect, Detect, Respond & Recover
 - ▶ Achieve GDPR Compliance
 - ▶ Assess data breach detection
 - ▶ Training - the 'right to personal data' - awareness
 - ▶ Communicate privacy information
- ▶ Last minute update -



CryptoJacking

- ▶ Increase of 8,500%
- ▶ Easy to do
- ▶ MACs not immune



Interesting Tidbits

- ▶ **71 - percent of all targeted attacks** started with **spear phishing**—the oldest trick in the book—to infect their victims.
- ▶ **27 - percent of targeted attack groups** have been known to use zero-day vulnerabilities at any point in the past.

If you didn't go looking for it, don't install it

If you installed it, update it

If you no longer need it, remove it



