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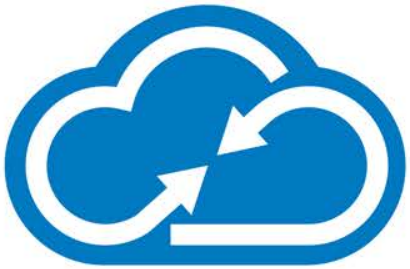
Kyle Worley, Senior Systems Engineer

TOP CYBERSECURITY THREATS FACING LAW FIRMS



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Full-Service Technology Partner

- Enterprise Content Management
- Managed IT Services
- Enterprise Servers & Storage
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- Desktop Management
- Training
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- Security
- Management Consulting

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HEADLINES

Anthem Blue Cross

UNITED STATES OFFICE OF PERSONNEL MANAGEMENT

CRAVATH, SWAINE & MOORE LLP

]HackingTeam[

WEIL GOTSHAL

PII HARVESTING

- Credit and debit card fraud down in 2015 while PII breaches are on the rise
- PII is highly sought after by criminals as it can be leveraged for financial fraud such as applying for credit, filing fraudulent tax refunds, and submitting false medical or insurance claims
- Credit and debit card numbers can be changed – SS numbers, names, addresses, etc. cannot
- PII underground value does not diminish over time

What is PII?	
PII includes: Name, email, home address, phone #	
Sensitive PII includes:	
If Stand-Alone:	*If Paired With Another Identifier:*
➢Social Security number	➢Citizenship or immigration status
➢Driver's license or state ID #	➢Medical information
➢Passport number	➢Ethnic or religious affiliation
➢Alien Registration Number	➢Sexual orientation
➢Financial account number	➢Account passwords
➢Biometric identifiers	➢Last 4 digits of SSN
	➢Date of birth
	➢Criminal history
	➢Mother's maiden name

evolution

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Fraud Related

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CC from the US (Centurion, Signature & Platinum) **BTC 0.0176** Buy It Now

railguycc (98.1%) Level 4 (1226)

FAVORITE

[LEGENDARY] NON-AVS // •Bill=Ship• // NEW BASE **BTC 0.0000** Buy It Now

Yasuo (99.1%) Level 5 (2219)

FAVORITE

TCF Membership **BTC 0.1102** Buy It Now

Verto (99.9%) Level 5 (1170)

PHISHING & WHALING ATTACKS

- **Phishing** – attempts to acquire sensitive information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication
- **Spearing –** occurs when cybercriminals target individual staff members in a specific company
- **Whaling** – targets the C-suite, partners, upper management, and other individuals of high worth or influence
  - Recent FBI study shows that whaling attacks have cost businesses $2 billion over the past two years and experienced a 300% increase in 2015 over the previous year

RANSOMWARE

- CryptoLocker emerged in 2013 and brought ransomware to the forefront, raking in $27M in its first three months
- Many imitators have emerged since 2013 including CryptoWall, which is now king
- Binaries continuously re-encoded, numerous variants make AV largely ineffective
- Have you tested your backups lately?

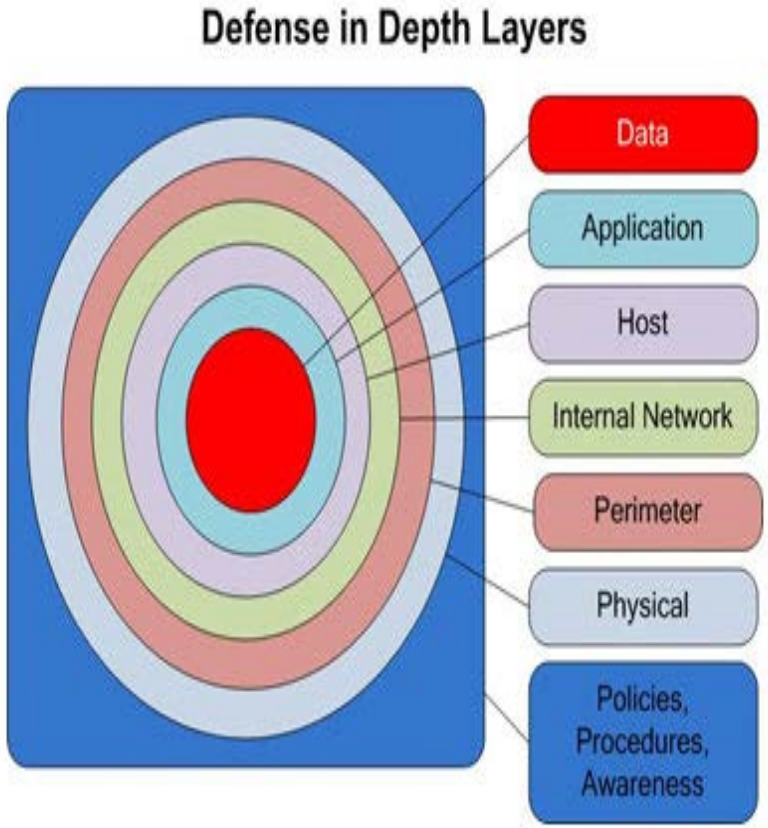
SENTINELONE

- How does traditional AV work and why is it not effective?
- AV-TEST registers over 75,000 new malicious programs every day
- Enterprises adopting a “good enough” strategy when it comes to AV
- SentinelOne is the first and only AV-TEST certified enterprise antivirus replacement
- Includes dynamic rollback feature to combat ransomware

Antivirus "is dead," says Brian Dye, Symantec's senior vice president for information security. "We don't think of antivirus as a moneymaker in any way.”
- Wall Street Journal

DEFENSE-IN-DEPTH

- **Policies, Procedures, and Awareness –** Password Policies, Data Classification, Usage Policies, Security Training
- **Physical –** Guards, Cameras, Locks, Securely Wipe Data
- **Perimeter –** Firewalls, ACL Configured Routers, Email Gateway
- **Internal Network –** Network Segments, Network Intrusion Detection System
- **Host –** OS Hardening, Patch Management, Two-Factor Authentication, Anti-Virus, Host-Based Firewall
- **Application –** Application Hardening, Authentication, Software Restriction GPO
- **Data –** Access Control Lists, Encryption, Auditing, Backup and Restore Procedures



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QUESTIONS? MORE INFORMATION?

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Need more information? Want a longer demo?
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