Rural Health Clinic Technical Assistance Webinar

This webinar is brought to you by the National Association of Rural Health Clinics and is supported by cooperative agreement UG6RH28684 from the Federal Office of Rural Health Policy, Health Resources and Services Administration (HRSA). It is intended to serve as a technical assistance resource based on the experience and expertise of independent consultants and guest speakers.

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About

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Forbes Technology Council Member
TOPICS

• WHO is after your data, and why you have a professional responsibility to proactively reduce the attack surface
• An ACTUAL Live Look at the Dark Web
• What You Need to Do Today to Keep the Bad Guys Out
WHO IS DOING THIS

- Nation State Hacker Groups or Independent Hacker Groups
- Script Kiddies
THE KIDNAPPING PRINCIPLE

• No one kidnaps to start a family

• Your data is important to you = $$$$$$
COMPLIANCE IS NOT SECURITY

• HIPAA and PCI Compliance does not equal security
CYBER LIABILITY

• Do you have Cyber Liability Insurance?
  • Are you compliant with the requirements?
DOUBLE EXPLOITATION

- Ransom for your Data decryption key
- Ransom to not release publicly
STATISTICS

- 85% of organizations suffered at least one ransomware attack in the past 12 months – Veeam 2023 Global Report
  - Attacks increased by more than 12% over the previous year
- According to Positive Technologies recent project, in 93% of cases, an external attacker can breach an organization in as little as 2 days.
- The average ransomware payout is more than $258,000
  - BlackFog
<table>
<thead>
<tr>
<th>Industry</th>
<th>Average Weekly Attacks</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education/Research</td>
<td>(1605, +75%)</td>
<td></td>
</tr>
<tr>
<td>Government/Military</td>
<td>(1136, +47%)</td>
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<tr>
<td>Communications</td>
<td>(1079, +51%)</td>
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<tr>
<td>ISP/MSP</td>
<td>(1068, +67%)</td>
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<tr>
<td>Healthcare</td>
<td>(830, +71%)</td>
<td></td>
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<tr>
<td>SI/VAR/Distributor</td>
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<tr>
<td>Utilities</td>
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<tr>
<td>Manufacturing</td>
<td>(704, +41%)</td>
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<tr>
<td>Finance/Banking</td>
<td>(703, +53%)</td>
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<tr>
<td>Insurance/Legal</td>
<td>(636, +68%)</td>
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<tr>
<td>Leisure/Hospitality</td>
<td>(595, +40%)</td>
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<tr>
<td>Consultant</td>
<td>(576, +73%)</td>
<td></td>
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<tr>
<td>Software vendor</td>
<td>(536, +146%)</td>
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<tr>
<td>Retail/Wholesale</td>
<td>(526, +39%)</td>
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<tr>
<td>Transportation</td>
<td>(501, +34%)</td>
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<tr>
<td>Hardware vendor</td>
<td>(367, +16%)</td>
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CHATGPT AND AI

- Easier to attack
- More believable phishing e-mails
- Speed to attack increases
- Custom code written in seconds
LIVE LOOK AT THE DARKWEB
HOW TO KEEP THE BAD GUYS OUT

• Training!!

• Perimeter Security (NextGen Firewall, Spam Filter)

• Endpoint Security (EDR and Zero Trust Software, OS and application patching, MFA)

• Verify Backups – Make sure they are air gapped and dissimilar management

• Cybersecurity As a Service

• Cybersecurity Stack Audit (not compliance audit)
QUESTIONS / CONTACT INFO

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