

xorlab Webinar

25. & 30. Juni 2020

MACHEN SIE IHRE MITARBEITER
ZUM TEIL DER LÖSUNG

AVANTEC Webinar, 25./30.6.2020

Spinoff ETH zürich

AVANTEC
Competence. Security. Trust.

YOUR HOSTS



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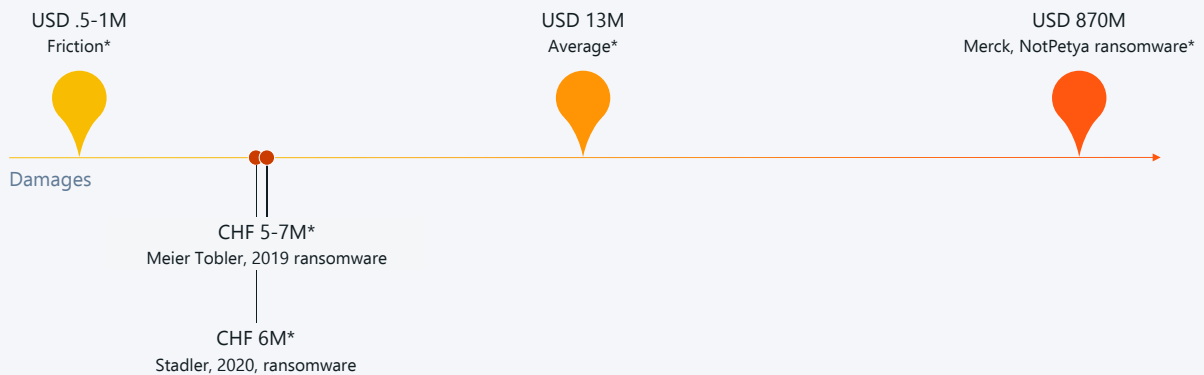
YOUR TAKE HOME MESSAGES

1. Company staff provides valuable signals to fight cyber crime
2. There is a way to prevent spear-phishing and zero-hour cyber attacks
3. xorlab helps you minimize your risk of breach and save costs

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CYBER ATTACKS CAUSE FINANCIAL DAMAGES



* Sources: xorlab, Accenture, Wired, computerworld.ch, Tagesanzeiger

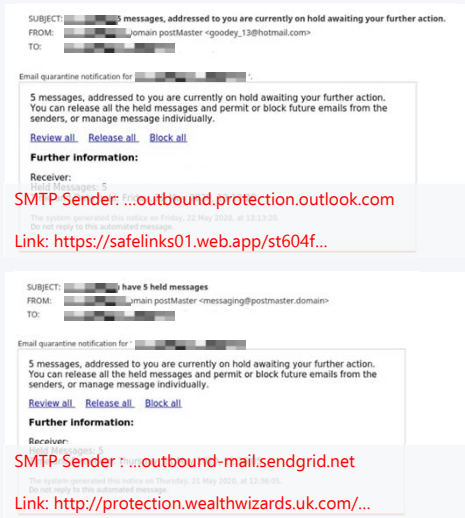
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ATTACKS BECOME MORE DYNAMIC AND MORE TARGETED

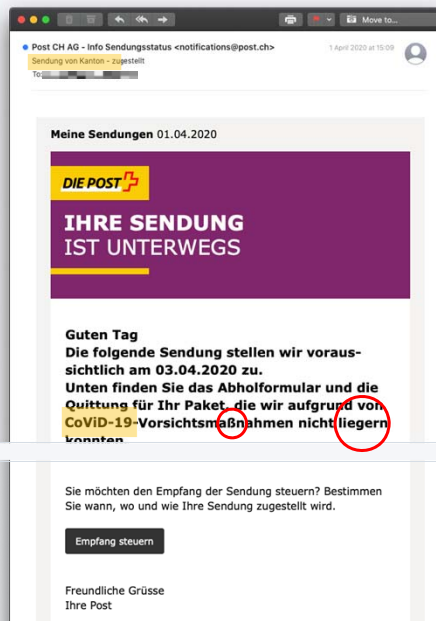


- 2 identical emails
- 1 phishing campaign
- Different from address
- Different SMTP sender
- Different phishing links

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ATTACKS BECOME MORE DYNAMIC AND MORE TARGETED



- Targets to Swiss users
- Poses as trusted sender
- Leverages Covid-19 context
- Leverages authority

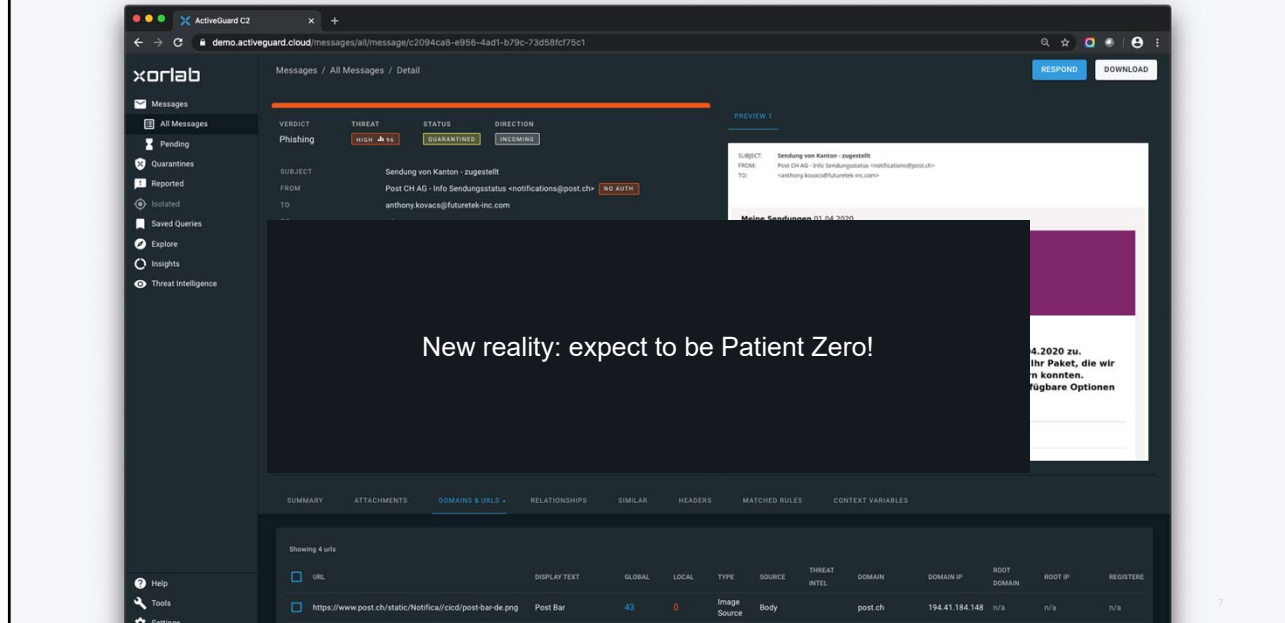
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LIVE DEMO



XORLAB ADVANTAGE: PROACTIVE AND CONTEXT-AWARE

	xorlab ActiveGuard Email Defense Platform	Office 365	Classic Email Security Gateways
Mass-phishing and commodity malware	✓ Protected	✓ Protected	✓ Protected
Spear-phishing	✓ Protected	✗ Vulnerable	✗ Vulnerable
Zero-hour phishing and malware	✓ Protected	✗ Vulnerable	✗ Vulnerable
Evasion resistant sandbox	✓ Yes	✗ No	✗ No

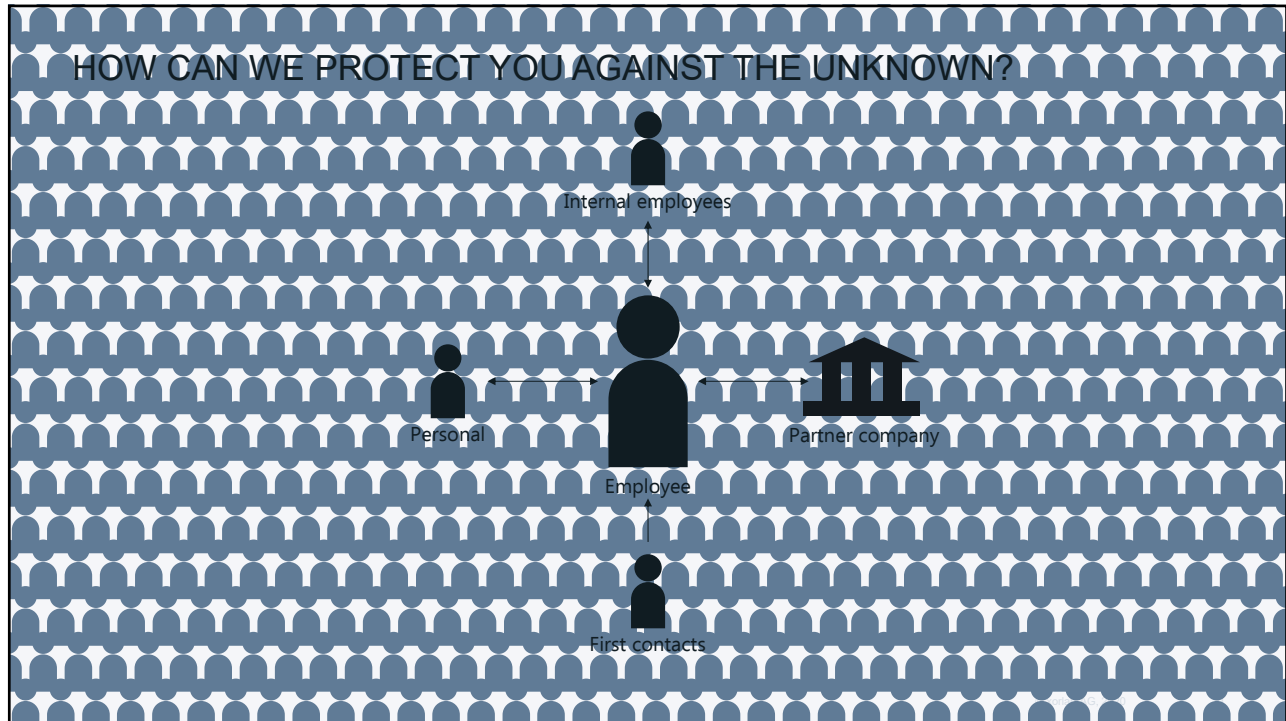
xorlab minimizes your risk of becoming Patient Zero

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DETECT UNKNOWN ATTACKS BY UNDERSTANDING LOCAL CONTEXT

The left screenshot shows an email from Mark Spiegelmann (corelogix-corp.com) with a blue 'Business' tag. A blue circle highlights the sender's email domain, and a blue line connects it to the text 'Sender is a known business partner'. Another blue circle highlights a link to 'Surveys', and a blue line connects it to the text 'Link domain appears in previous communication'.

The right screenshot shows an email from Mark Spiegelmann (xn--corelogx-corp-2ib.com) with an orange 'Malware' tag. An orange circle highlights the sender's email domain, and an orange line connects it to the text 'Sender impersonates trusted party' and 'Sender is unknown'. Another orange circle highlights a macro in the email body, and an orange line connects it to the text 'Contained macro uses dangerous functions'.

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WHO WE WORK WITH

 Logistics, CH 40'000+ employees	 Retail, CH 30'000+ employees	 Healthcare, CH 10'000+ employees	 Bank, CH 6'000+ employees
 Bank, CH 5'000+ employees	 Bank, DE 5'000+ employees	 Bank, CH 2'000+ employees	 Software, DE 2'000+ employees
 Software, CH 500+ employees	 Bank, CH 100+ employees	 Cleantech, CH 100+ employees	 AVANTEC Competence. Security. Trust.

Anonymized

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XORLAB USE CASES

1 Inbound Email Defense	2 Outbound Data Loss Protection	3 Email Incident Response
<ul style="list-style-type: none">• Phishing detection• Anti-malware protection & evasion-resistant sandbox• Fraud & impersonation• Extortion• Spam	<ul style="list-style-type: none">• Sensitive data• Labeled content	<ul style="list-style-type: none">• Automated analysis of user incident reports• User feedback management• Incident response workflows

Email Breach Simulation
→ xorlab@avantec.ch

10 slots available!

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Redefining email security



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THE XORLAB ADVANTAGE

+ Proactive – Detect attacks at first sight

Reduced risk

+ Accurate – Very low false positive rate

No disruption

+ Context aware – Risk based, dynamic decisions

Low operation costs

xorlab minimizes your risk of becoming Patient Zero

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