

# Shifting The Paradigm of Email Security

# Check Point Harmony Email and Collaboration Leads Market Paradigm Shift

- First API-based Email Security (2016) 🌸
- 30,000 paying customers
- Fastest Growing Email Security vendor
- Leader in all analyst reviews
- Top ranked by Gartner (GPI), G2, Info-Tech, ...

FORRESTER®

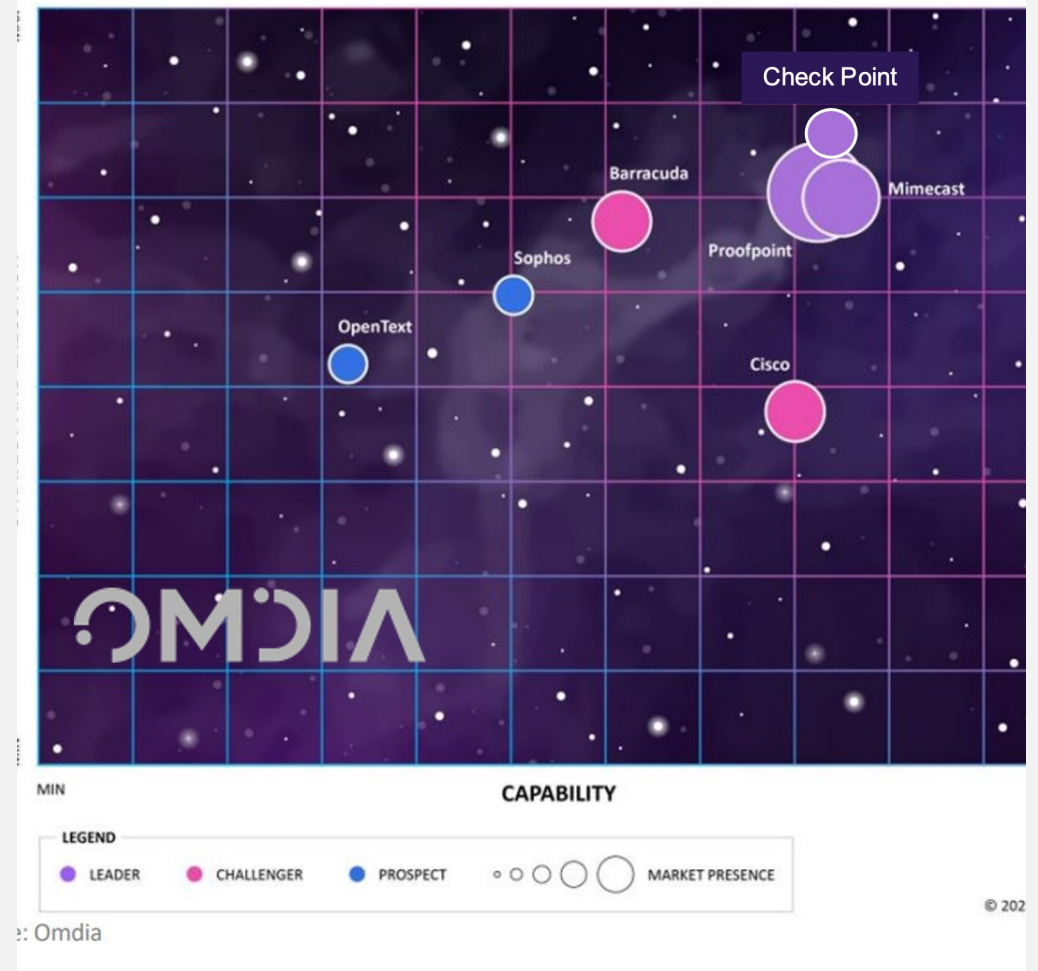


Gartner.  
Peer Insights™

GIGAOM

INFO~TECH  
RESEARCH GROUP

OMDIA



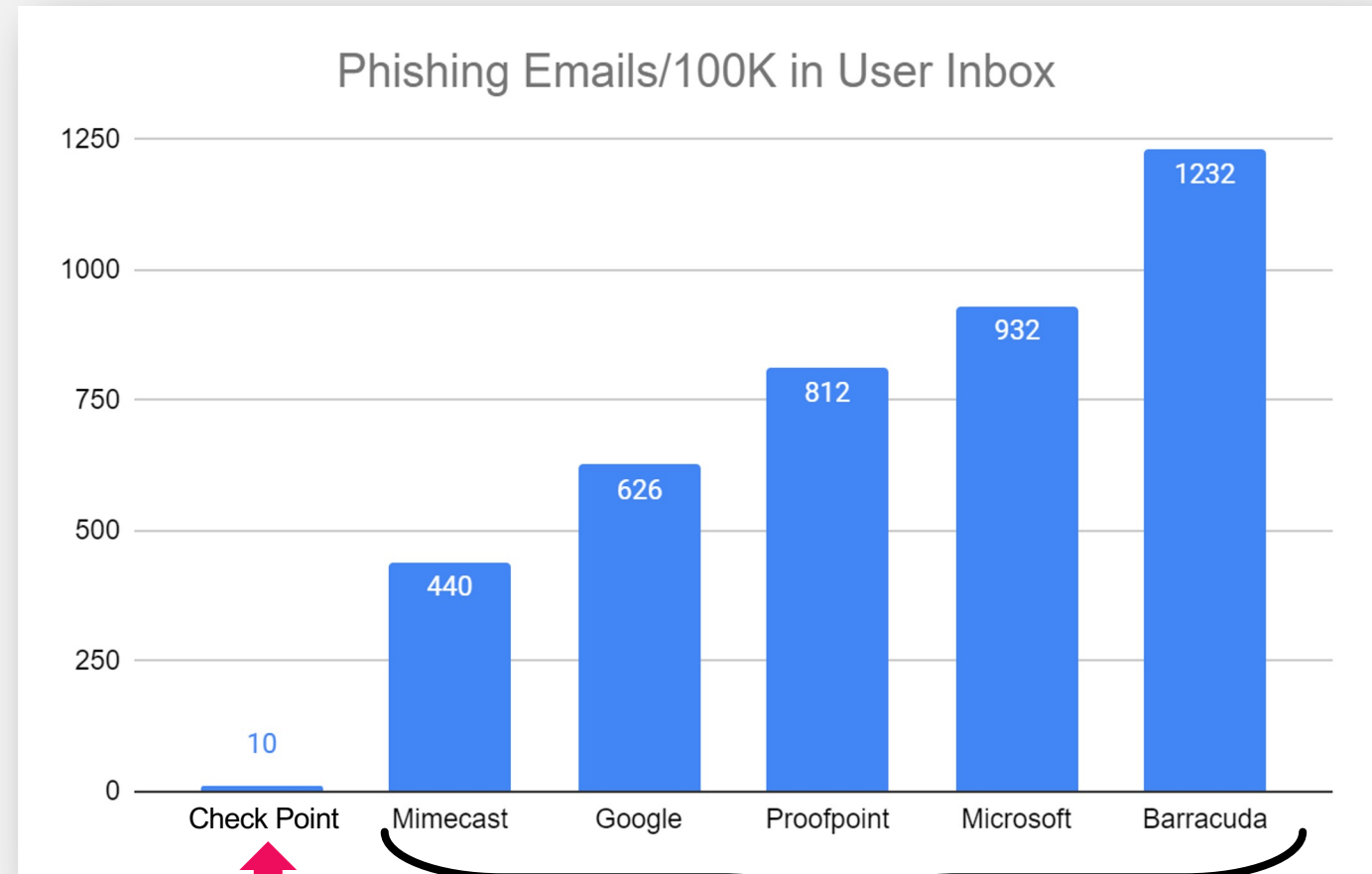


# HEC vs. Legacy Competitors

**Legacy Players Continue to Let Phishing Emails into the Inbox Because They Reacted to the Paradigm Shift**

**Check Point Anticipated It**

- **Latest Threats Require AI-powered, Cloud-Delivered Solution**
- **Gateways and default security haven't caught up**
- **Result: Better Security Outcomes**



Lesson Learned

Anticipated the Paradigm Shift

Reacted to the Paradigm Shift

# Obfuscation Methods: Design for Microsoft's Missed

The screenshot shows an email from 'Office 365 Team' with the subject 'WARNING! Your Mailbox is almost full.' The body text reads: 'The space for your Office account is almost full. 91% Used. To prevent your Incoming/Outgoing mail from getting errors. Click on <http://quota.mlcrosoftonline.com> to add additional 10 gig free and mandatory storage. Terms of use Privacy & Cookies © 2018 Microsoft Corporation'. Annotations include a box around 'Office' in the body text, a box around the footer, and a callout box containing the HTML code: 'Of <span style="FONT-SIZE: 0px">fer terric</span>fic <span style="FONT-SIZE: 0px">servic</span>e'. Red lines connect these boxes to explanatory text on the right.

Of <span style="FONT-SIZE: 0px">fer terric</span>fic <span style="FONT-SIZE: 0px">servic</span>e

Microsoft sees  
"Offer terrific service".

You see "Office".

## What Microsoft Sees:

Oh #\$\$%©! 2 Out of 18 Million Across Most of the Corporate World Have No Phish Protection.

# Unified Quarantine (Patented)

## The Last Layer Before the Inbox

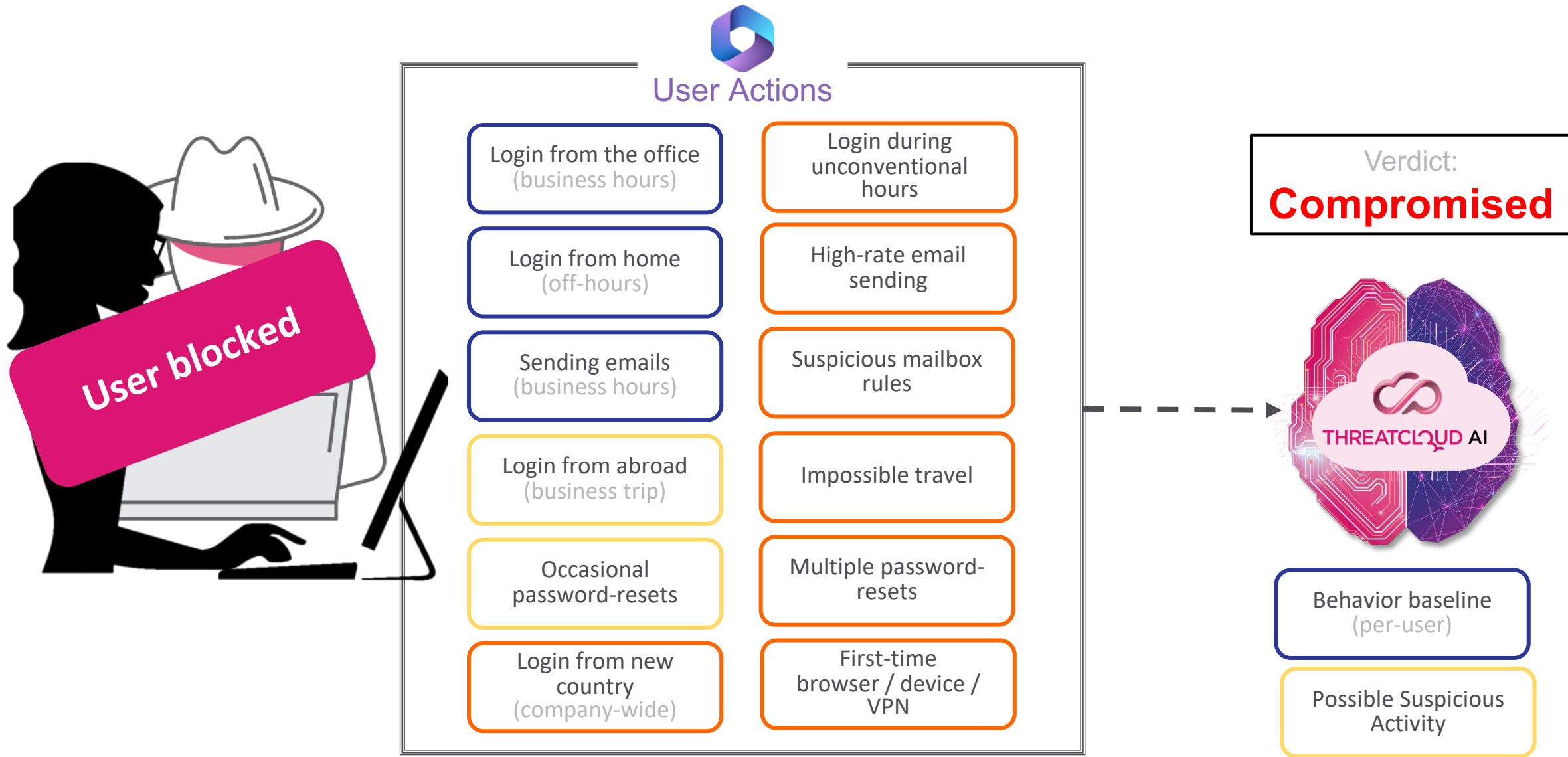
Quarantined Items Office 365 Mail

Filters Subject Recipient (2) Sender Direction Email Date Quarantined by [Clear All Filters](#) Restore

2 / 12 Emails selected

<input type="checkbox"/>	Quarantine Time	Subject	Recipient	Sender	Direction	Attachments	Email Date	Quarantined by
<input type="checkbox"/>	16:46:31 2019-08-14	subject text short	inline11111@company.com	Anonymous 11111111@avtestqa.com	Incoming		16:46:31 2019-08-14	Check Point
<input type="checkbox"/>	16:46:31 2019-08-14	subject_44_03_615790_050320_16_44_03_61579	inline1@company.com	Anonymous Automation@avtestqa.com	Outgoing		16:46:31 2019-08-14	Admin
<input checked="" type="checkbox"/>	16:46:31 2019-08-14	qa116_44_03_615790_050320_16_44_03_615790	inline1@company.com	Anonymous Automation@avtestqa.com	Incoming		16:46:31 2019-08-14	Microsoft
<input checked="" type="checkbox"/>	16:46:31 2019-08-14	_615790_050320_16_44_03_615790	inline1@company.com	Anonymous Automation@avtestqa.com	Incoming		16:46:31 2019-08-14	Check Point
<input type="checkbox"/>	16:46:31 2019-08-14	qa11111116_44_036_44_03_615790	inline1@company.com	Anonymous Automation@avtestqa.com	Incoming		16:46:31 2019-08-14	Microsoft
<input type="checkbox"/>	16:46:31 2019-08-14	_03_615790_050320_16_44_03_615790	inline1@company.com	Anonymous Automation@avtestqa.com	Incoming		16:46:31 2019-08-14	Microsoft

# Visibility and Actions Inside the Account





# O365 Compliance (SSPM: Atmosec)

The screenshot displays the Check Point Harmony Email & Collaboration SSPM console. The main view shows a table of high-risk integrations. The first entry is 'Remove high risk integrations', which is categorized as 'High' risk, associated with a Microsoft Office host service, and has a status of 'Open'. The category is 'Potential Data Leak'. Below the table, a detailed view for this integration is shown, including a description, recommendations, a risk assessment of 80% High, and a ticket creation link.

Insight	Risk	Host service	Status	Category
Remove high risk integrations	High	Microsoft Office	Open	Potential Data Leak

### Remove high risk integrations

Date added: Jun 22, 2022, 2:45 PM | Last updated: Jun 22, 2022, 2:45 PM | Status: Open

**Description**  
Some apps are more risky than others. Atmosec calculates the risk each app poses to your organization.

**Recommendations**  
Remove those apps, unless there's a business need for them.

**Risk assessment**  
80% High

**Category**  
Potential Data Leak

**Ticket**  
To create a ticket [click here](#)

**Remediate**



# Post Delivery Remediation

## Because Every Second Count

Remove all emails from all mailboxes with a single click

Instantly locate the entire phishing campaign

Mail Explorer

Filters

Date Received: Last 7 Hours

Quarantine State: Display All

Recipients: Contains

Sender Name:

Sender Domain: Ends with

Server IP:

Headers: Select

Disable All Filters Search

50 emails selected 50 matching emails detected

Receive Time	Quarantined	Subject	Recipients	Sender	Server IP (Client IP)
16:21:34 2022-06-06	No	Your action is needed urgently	bobtarget@cloudmta.onmicrosoft.com	Alice Smith alice.smith@mycompany.com	209.85.210.178 (0.0.0.0)
16:28:19 2022-06-06	No	Your action is needed urgently	john.smith@mycompany.com	Alice Smith alice.smith@mycompany.com	52.236.28.240 (0.0.0.0)
16:32:28 2022-06-06	No	Your action is needed urgently	Makayla.Howard@mycompany.com	Alice Smith alice.smith@mycompany.com	13.74.143.28 (0.0.0.0)
16:33:09 2022-06-06	No	Your action is needed urgently	Macy.Ellison@mycompany.com	Alice Smith alice.smith@mycompany.com	52.185.106.244 (0.0.0.0)
16:40:42 2022-06-06	No	Your action is needed urgently	Beckham.Estes @mycompany.com	Alice Smith	35.174.145.124 (0.0.0.0)

Actions

- Release selected emails
- Restore all matching
- Quarantine all matching
- Quarantine Selected Emails

Create Allow-List Rule Create Block-List Rule

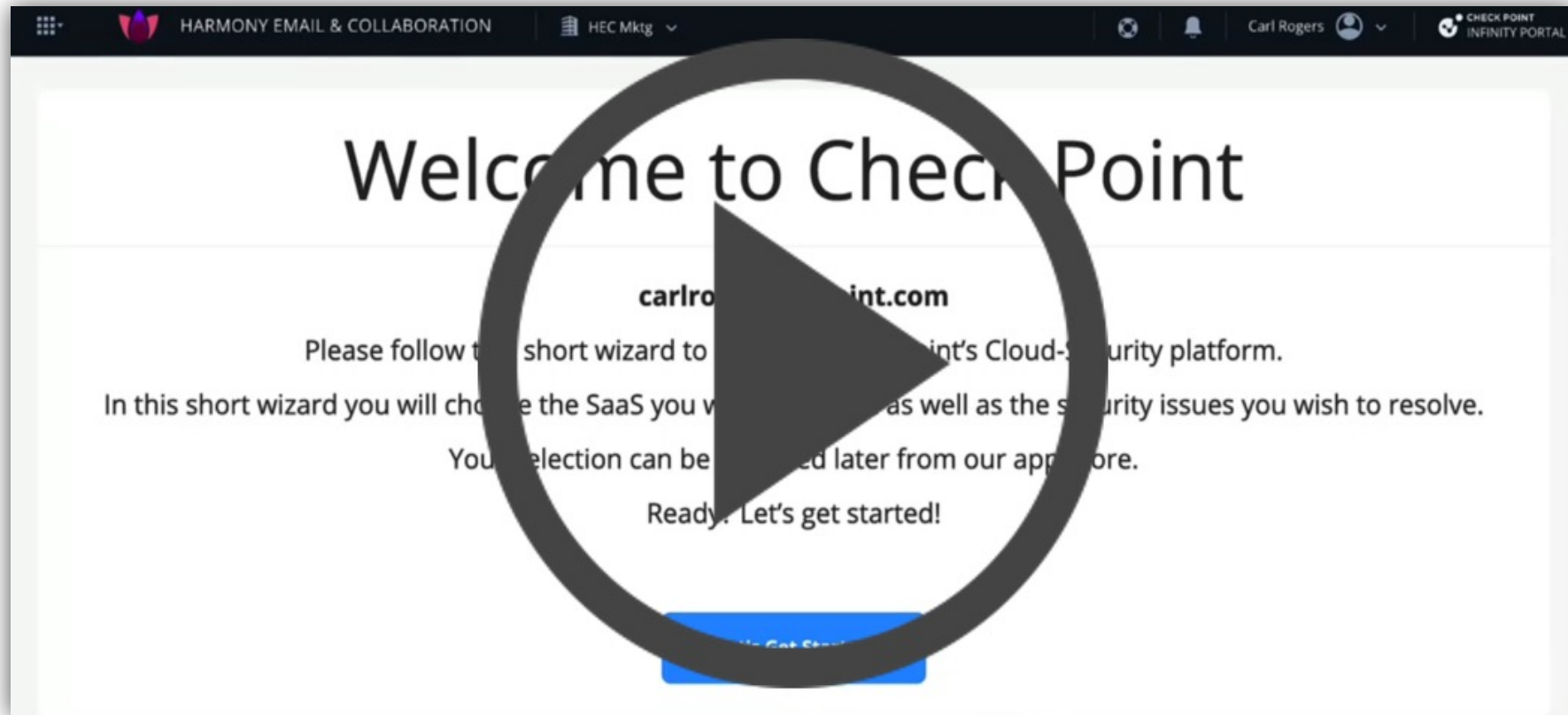
# Super Fast Deployment

7

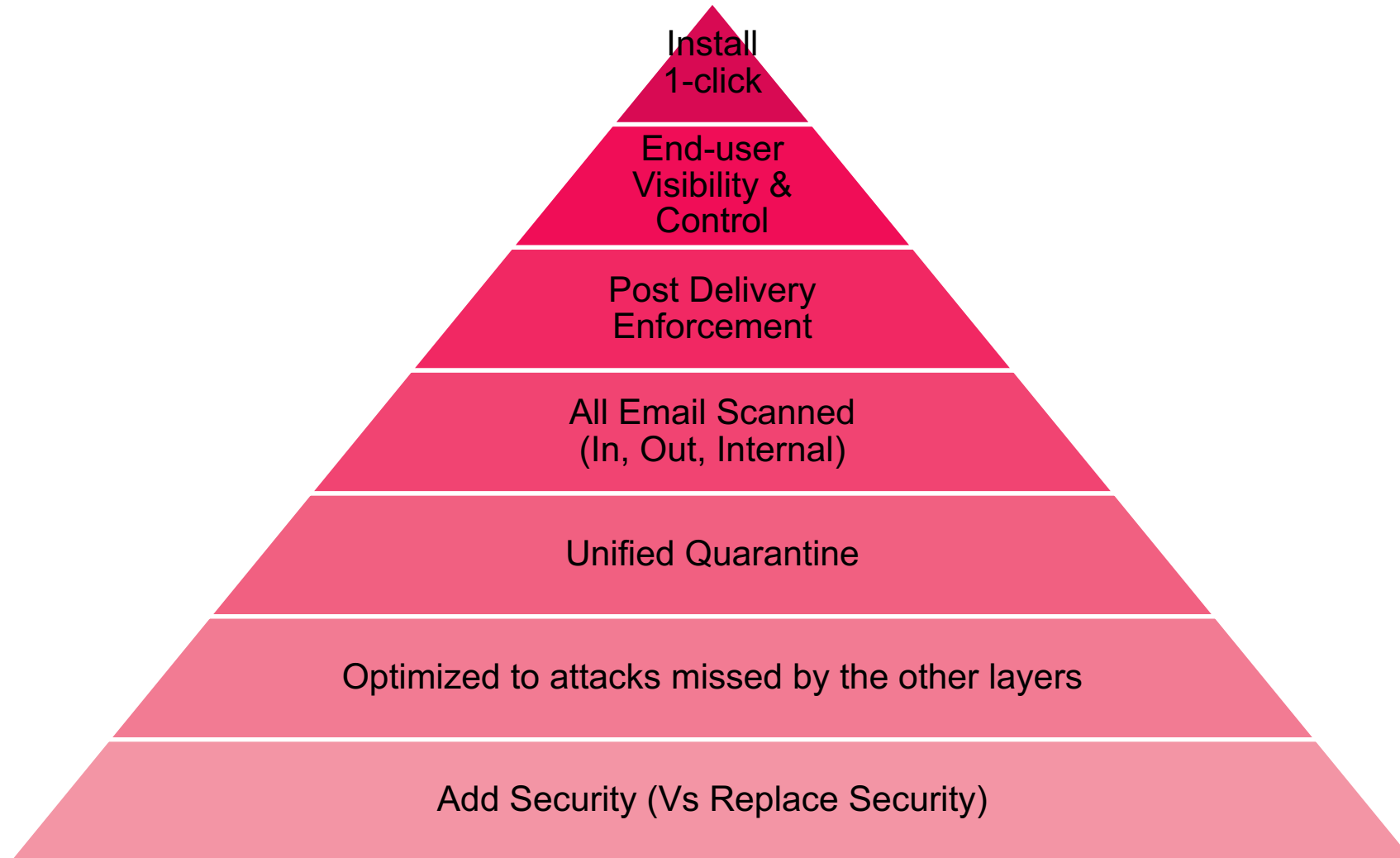
Clicks

30

Seconds



# Summary – How API Reinvented Email Security



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## Thank You