HORNETSECURITY

Agenda

- Introductions

- What is Advanced Threat Protection and Why do You Need It?

- Recent Enhancements to ATP by Hornetsecurity

- Live Demo

- Wrap-Up and Q & A

HORNETSECURITY

YOUR PRESENTER TODAY

Andy Syrewicze has been in the IT Industry for more than 20 years, is a Microsoft MVP, and is currently a Security Evangelist for Hornetsecurity.

Andy Syrewicze
Technical Evangelist
Microsoft MVP
Mastadon - @andysandwich@infosec.exchange

YOUR PRESENTER TODAY

Matt Frye has been in the IT Industry for more than
25 years, was a Microsoft evangelist, headed up an MSP for
10 years and currently Head of up Presales, Training and
Education at Hornetsecurity.

Matthew Frye
Head of Presales
Head of Training and Education

HORNETSECURITY

HORNETSECURITY – LEADING CLOUD EMAIL SECURITY, COMPLIANCE, AND BACKUP PROVIDER

- Our portfolio
  - 365 Total Protection - Covers all aspects of security for Microsoft 365: from spam, malware, and threat protection, compliance and email management, to backup and recovery
  - 5,000+ partners & 50,000+ customers worldwide

- About Hornetsecurity
  - In-house development: From the initial idea to the final product, our services are planned, conceived, and developed in house
  - In-house support in our offices in German, English, Spanish, and French
  - Security Lab: 24/7 monitoring of email traffic; continuous evaluation, analysis, and reporting of email threats

HORNETSECURITY

HORNETSECURITY WORLDWIDE

HORNETSECURITY

3 DATA CENTERS
GERMANY

1 DATA CENTER
UK

GERMANY OFFICES
HANNOVER & BERLIN

2 DATA CENTERS
CANADA

UK OFFICE
READING

1 DATA CENTER
SWITZERLAND

CANADA OFFICE
MONTREAL

NORTH MACEDONIA
OFFICE

US OFFICE
PITTSBURGH

SPAIN OFFICES
MADRID & BARCELONA

MALTA OFFICE

1 DATA CENTER
AUSTRALIA

1 DATA CENTER
USA

1 DATA CENTER
SPAIN

ARGENTINA OFFICE
BUENOS AIRES

11 DATA CENTERS

1 DATA CENTER
SOUTH AFRICA

10 OFFICES

HOW IT ALL STARTED — OUR STORY

HORNETSECURITY

Ready for **Take Off**

Presence in more than **10 countries** with over **200 sales partners**

Market leader in Germany; Awarded with Deloitte Technology **Fast 50 Award**

Over 550 resellers worldwide

Acquisition of AVIRA Spamfilter division; **Market leader in German-speaking region**

Acquisition of EveryCloud

Acquisition of IT-Seal

2007	2008	2010	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Beginning of **internationalization**

Over **25,000 companies** as customers

antispameurope becomes **Hornetsecurity**

10 years of Hornetsecurity; **Foundation of US subsidiary**

Partnership with Swisscom; **Acquisition of Spamina**

Acquisition of **ALTARO;** Acquisition of **ZEROSPAM**

GROWTH FIGURES EMPLOYEES
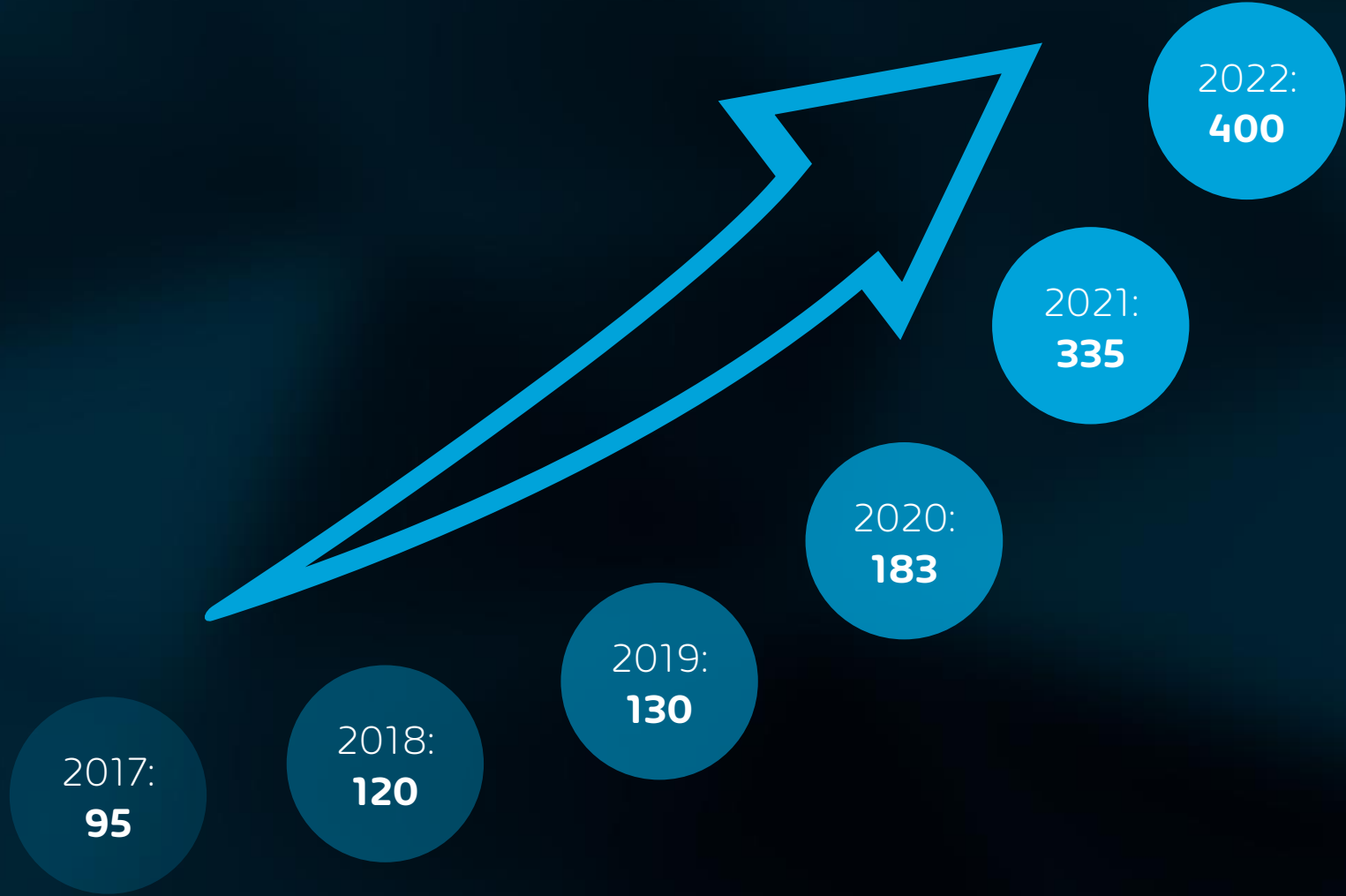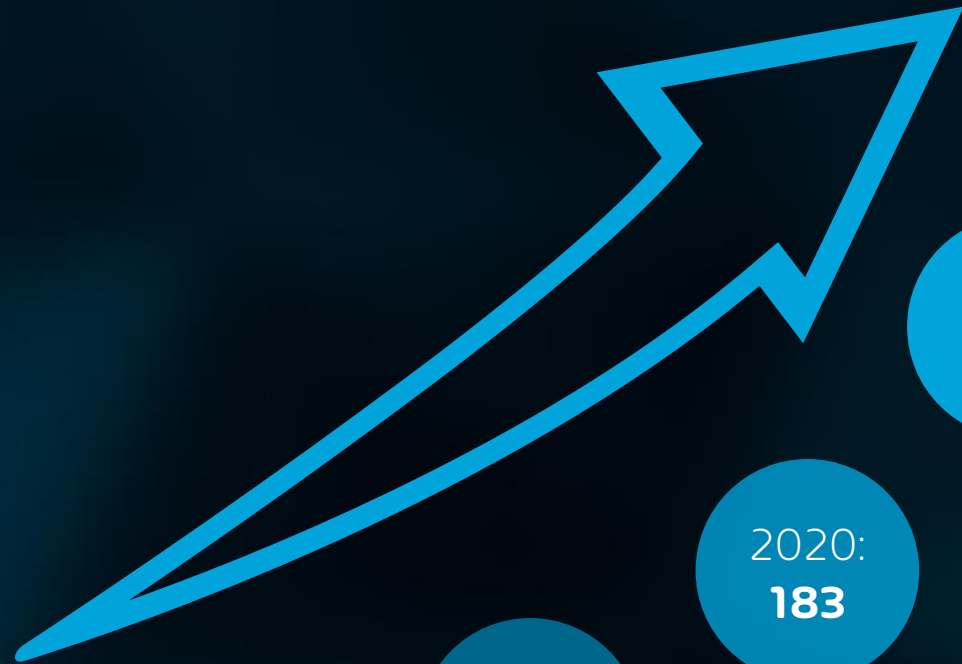
HORNETSECURITY

2017: **95**

2018: **120**

2019: **130**

2020: **183**

2021: **335**
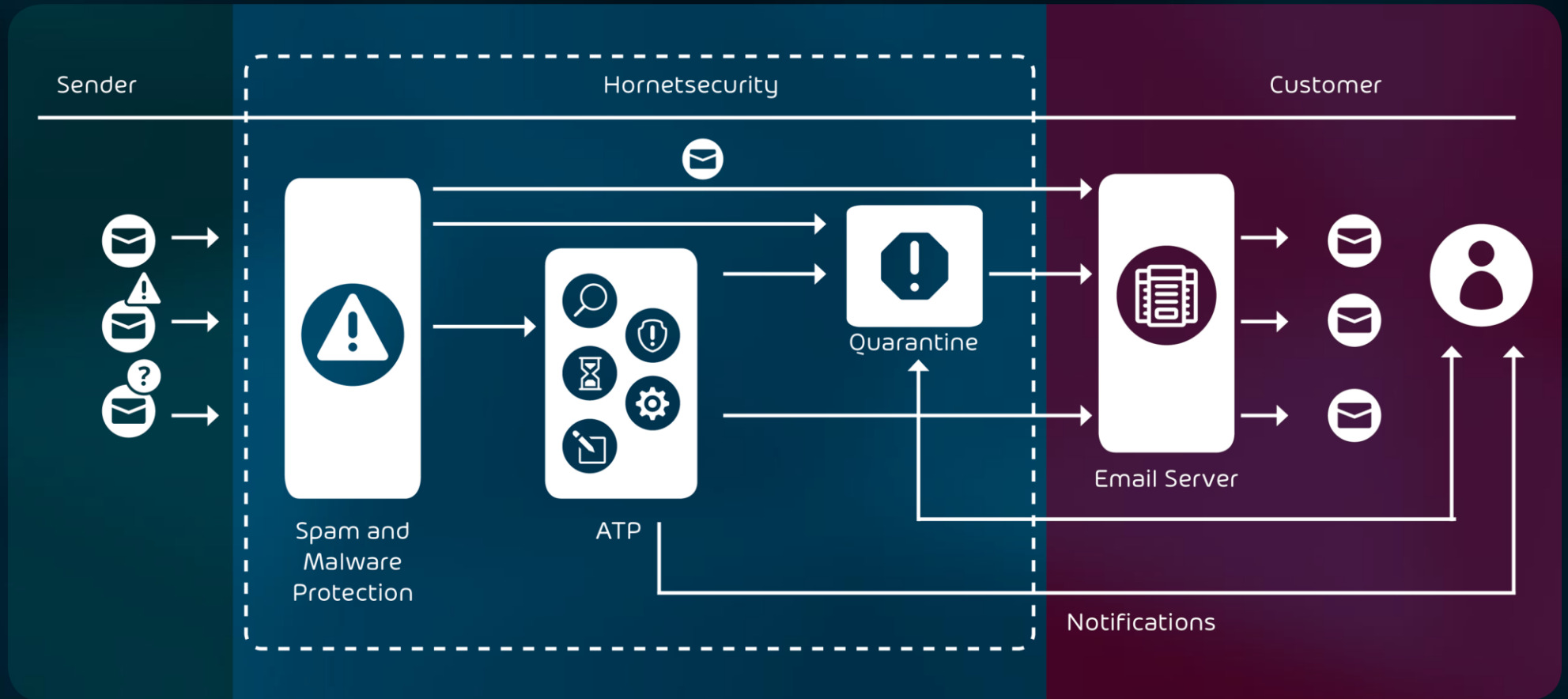
2022: **400**

ADVANCED THREAT PROTECTION

HORNETSECURITY

ADVANCED THREAT PROTECTION

- Protects companies against targeted and individual attacks

  - AI-based Targeted Fraud Forensics:

  - Malicious Document Decryption

  - Comprehensive threat analysis through a sandbox engine

  - Real Time Alerts
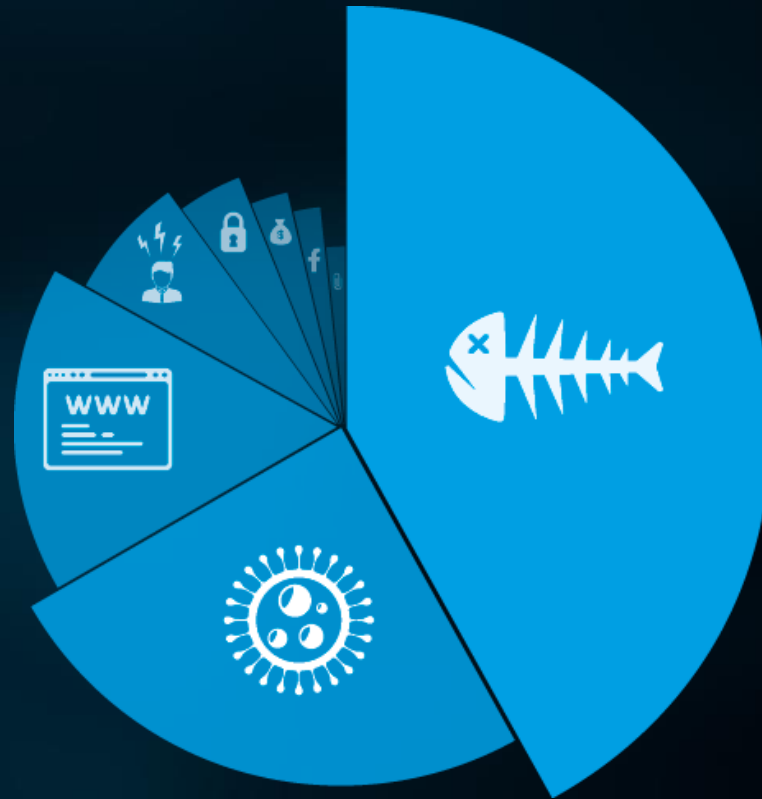
ADVANCED THREAT PROTECTION – WHERE DOES IT FIT?

ATTACKS ARE GETTING MORE SOPHISTICATED

39.6% Phishing

26.5% Other

12.5% URL

8.2% Advance-fee scam

3.7% Extortion

3.5% Executable in archive/disk-image

2.8% Maldoc

1.8% HTML

1.1% Impersonation

0.4% PDF

HORNETSECURITY

Source: Hornetsecurity Cyber Security Report 2023

MALICIOUS CONTENT LOADING...

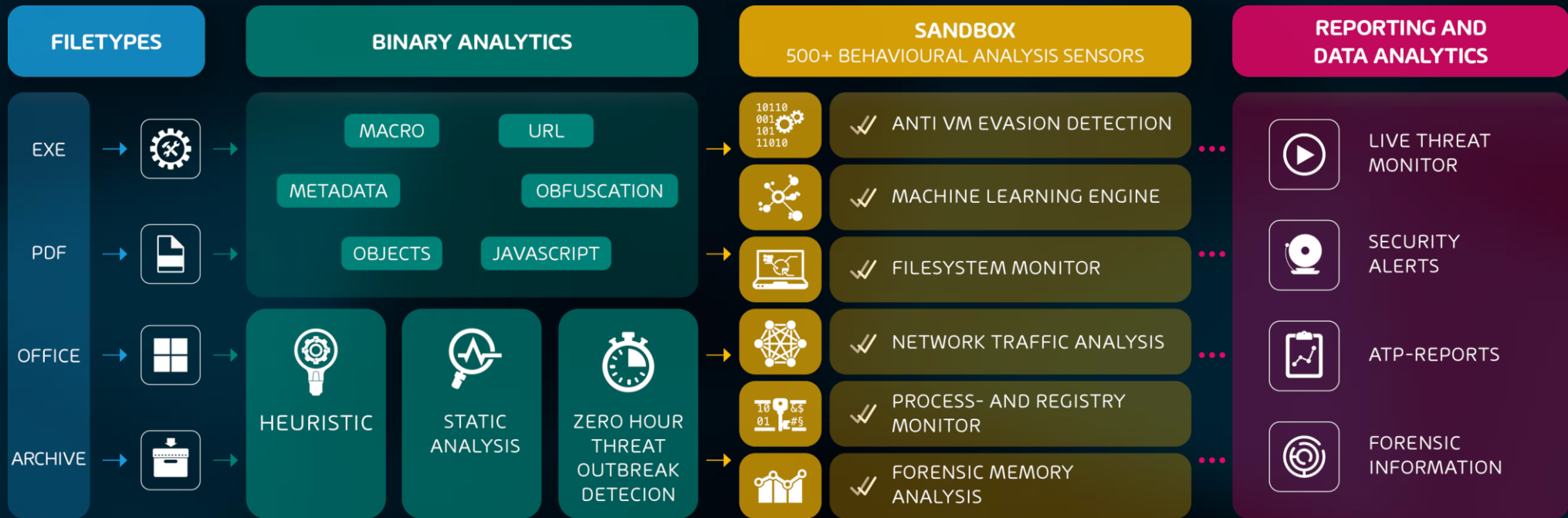**The most popular attachments for spreading malware**

- 28.0% Archive
- 21.0% HTML
- 12.7% Word
- 12.4% PDF

Industry Email Threat Index

- 4.7 Automotive
- 4.6 Retail
- 4.6 Manufacturing
- 4.6 Education
- 4.5 Research

HORNETSECURITY

Source: Hornetsecurity Cyber Security Report 2023

HOW DOES ATP HELP?

ATP-FEATURE ENHANCEMENT: SECURE LINKS

HORNETSECURITY

- Protects users from malicious links in emails

- Replaces the original link with a rewritten version that goes through Hornetsecurity's secure web gateway
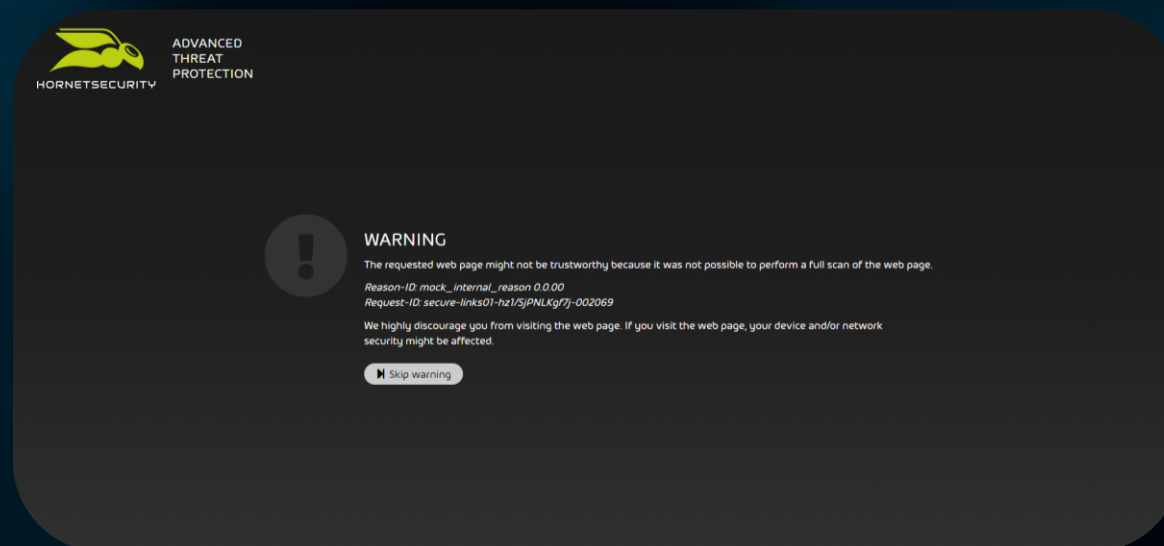
- Enhancing ATP

NEW ATP-FEATURE: SECURE LINKS

◉ **Step 1:** Rewrites the URL in the received email – if the user hovers over the link, they can see the rewritten URL which leads to our secure web gateway.

◉ **Step 2:** Clicking the link initiates the recursive scan of the target site and all individual links.

HORNETSECURITY

NEW ATP-FEATURE: SECURE LINKS

◉ **Step 3:** When malicious content is discovered, access to the target page is blocked.

◉ **Step 4:** If no malicious content is found, the user will be taken to the desired page.

HORNETSECURITY

ADVANCED THREAT PROTECTION

◉ Secure Links is a part of Advanced Threat Protection and a revamp of URL Rewriting

◉ With new powerful algorithms and advanced scanning technology, it provides fast and reliable results
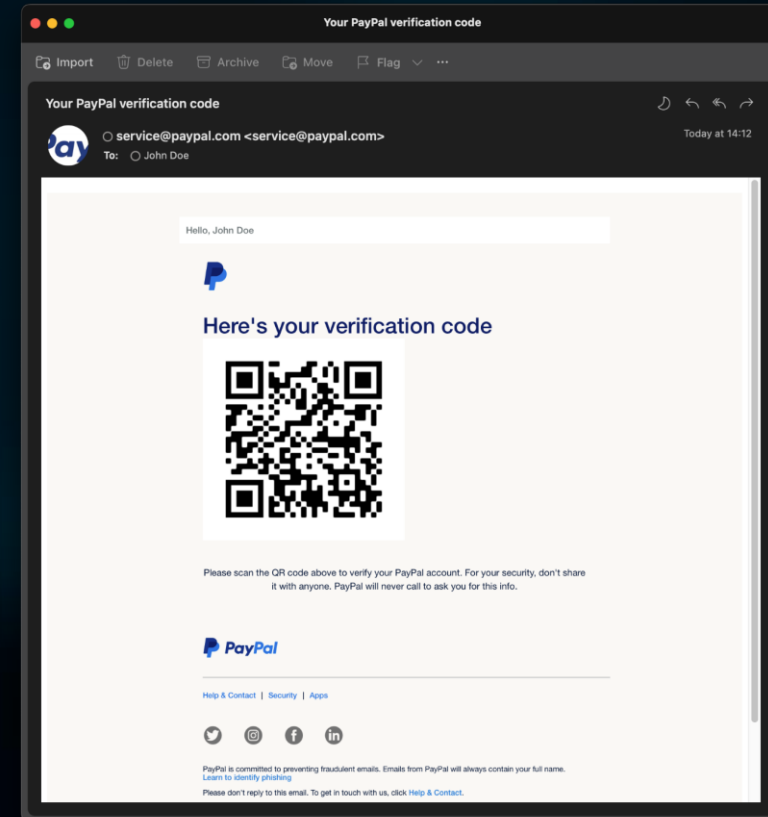
NEW ATP-FEATURE: THE QR CODE ANALYZER

- 👁 Cybercriminals increasingly use QR codes in emails to send malicious links to recipients

Why is this problematic?

- 👁 QR Code Analyzer detects QR codes embedded in other images too

- 👁 Further Enhancing ATP
  - 👁 Now a service that offers protection from even more attacks, malware, ransomware, blended attacks, CEO fraud, Web Links and now also from malicious QR codes.

HORNETSECURITY

*Reference: https://bitly.com/blog/wp-content/uploads/2022/07/Bitly-QR-Code-Index-H1-2022-Report.pdf

LIVE DEMO

WE PROTECT YOU

HORNETSECURITY

23

ENRICHING THE MICROSOFT 365 SOLUTION WITH HORNETSECURITY'S PRODUCT PORTFOLIO

1 365 TOTAL PROTECTION BUSINESS (PLAN 1)	**2** 365 TOTAL PROTECTION ENTERPRISE (PLAN 2)	**3** 365 TOTAL PROTECTION ENTERPRISE BACKUP (PLAN 3)	**4** 365 TOTAL PROTECTION COMPLIANCE & AWARENESS (PLAN 4)
NEXT-LEVEL MICROSOFT 365 SECURITY	PREMIUM NEXT-LEVEL MICROSOFT 365 SECURITY	SECURITY & BACKUP FOR MICROSOFT 365	SECURITY, BACKUP, COMPLIANCE & SECURITY AWARENESS FOR MICROSOFT 365

Plan 1:
- SPAM & MALWARE PROTECTION
- EMAIL ENCRYPTION
- EMAIL SIGNATURES & DISCLAIMERS

Plan 2:
- SPAM & MALWARE PROTECTION
- EMAIL ENCRYPTION
- EMAIL SIGNATURES & DISCLAIMERS
- ADVANCED THREAT PROTECTION
- EMAIL ARCHIVING
- EMAIL CONTINUITY

Plan 3:
- SPAM & MALWARE PROTECTION
- EMAIL ENCRYPTION
- EMAIL SIGNATURES & DISCLAIMERS
- ADVANCED THREAT PROTECTION
- EMAIL ARCHIVING
- EMAIL CONTINUITY
- BACKUP & RECOVERY OF MAILBOXES & TEAMS
- BACKUP & RECOVERY OF ONEDRIVE & SHAREPOINT
- BACKUP & RECOVERY OF ENDPOINTS

Plan 4:
- SPAM & MALWARE PROTECTION
- EMAIL ENCRYPTION
- EMAIL SIGNATURES & DISCLAIMERS
- ADVANCED THREAT PROTECTION
- EMAIL ARCHIVING
- EMAIL CONTINUITY
- BACKUP & RECOVERY OF MAILBOXES & TEAMS
- BACKUP & RECOVERY OF ONEDRIVE & SHAREPOINT
- BACKUP & RECOVERY OF ENDPOINTS
- PERMISSION MANAGEMENT
- PERMISSION ALERTS
- PERMISSION AUDIT
- PHISING & ATTACK SIMULATION
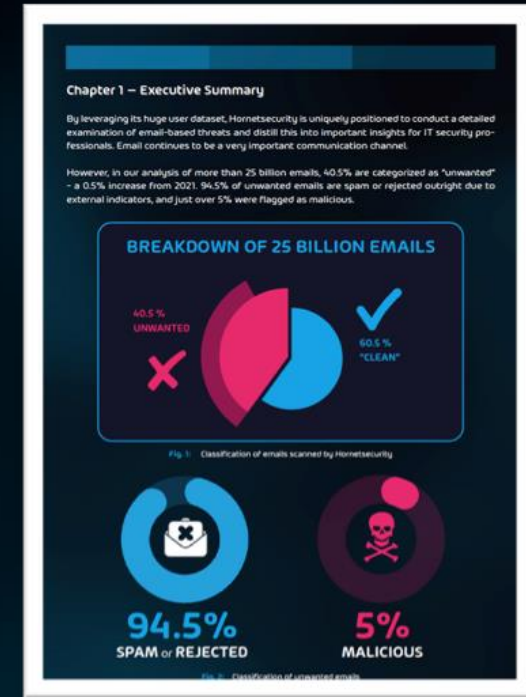- SECURITY AWARENESS TRAINING
- ESI® REPORTING

HORNETSECURITY

CYBER SECURITY REPORT

- Available now

- Currently available in
  English, German, and Spanish

HORNETSECURITY

https://www.hornetsecurity.com/en/cyber-security-report

QUIZ TIME! – AMAZON GIFT CARD GIVEAWAY!