

# Post event report



The 10<sup>th</sup> e-Crime & Cybersecurity  
Germany

24<sup>th</sup> January 2018 | Frankfurt, Germany

## Strategic Sponsors



LastPass... | enterprise



proofpoint™



## Education Seminar Sponsors

AGARI



## Networking Sponsor



“ Eine sehr dicht besetzte, hochkarätige Themenauswahl sowie eine gute Durchmischung von Anbieter- und Nutzer-Vorträgen! Ihre Veranstaltung hat mir tatsächlich gut gefallen und sie war gut organisiert (Begrüßung, Betreuung, Durchführung). ”

CISO, Alliance Healthcare Germany

“ Insgesamt sehe ich meine Teilnahme an der Konferenz sehr positiv. Gute Kontakte, Interessante Themen und die Möglichkeit in lockerer Atmosphäre bei Gesprächen mit den Hestellern neue Produkte kennenzulernen. Auch in den Vorträgen war bis auf Ausnahmen ein Mehrwert über das reine Produktmarketing gegeben. ”

Senior Security Engineer,  
360 Treasury Systems

“ Thank you very much for your hospitality and your great preparations. The information that was presented was very useful for our day-to day work and the speakers were very competent and qualified, which has helped me to refresh or to gain new information in regard of cybersecurity threats. ”

Product & Implementation Manager,  
EVO Payments

## Inside this report:

Sponsors

Key themes

Who attended?

Speakers

Agenda

Education Seminars



## Speakers

Amy Baker,  
VP of Marketing  
**Wombat Security Technologies**

Benjamin Borchers,  
Sr. Solutions Consultant  
**LogMeIn/LastPass**

Jörg Fielenbach, CISO  
**Aktion Mensch**

Alexander Frick,  
Sales Director DACH  
**ThreatMetrix**

Stephan Gerling,  
Head of Red Team  
**ROSEN Group**

Markus Grüneberg,  
Sr. Security Evangelist/  
Presales Consultant DACH  
**Proofpoint**

Henry Heinemann,  
Business Development  
**Cloudflare**

Sebastian Hess,  
Cyber Risk Executive  
**American International Group**

David Janson,  
VP Sales, UK & Europe  
**PhishMe**

Matthias Jungkeit, CISO  
**Münchener Hypothekenbank**

Thomas Krabs,  
Information Security Manager  
**Allianz Global Investors**

Robert Lagerström,  
Principal Threat Modelling Expert  
**foreseeti**

Heiko Löhr,  
Head of Cybercrime Unit Strategy  
and Cooperation  
**German Federal Criminal Police Office**

Stefan Mardak,  
Senior Enterprise Security Architect  
**Akamai**

Jonathan Morgan,  
European Director  
**Agari**

Muyiwa Olufon,  
Global Manager Information  
Security Operations  
**Adidas Group**

Stephen Topliss,  
VP of Products  
**ThreatMetrix**

Dr. Judith Wunschik, CISO  
**ING-DiBA**

## Key themes

Employee awareness and engagement

Securing your payment infrastructure

Optimise your incident response plan

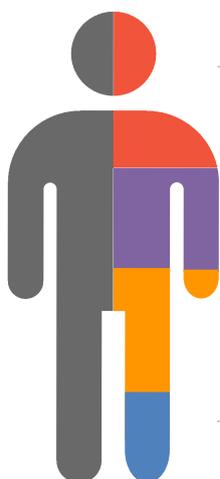
Securing mail and social media

Cost effective compliance

Coping with the cloud

Addressing industrial vulnerability

## Who attended?



### Cyber-security

We have a 15-year track record of producing the events cyber-security professionals take seriously



### Risk Management

We attract senior risk officers with responsibility for information risk assessment and mitigation



### Fraud, Audit, Compliance

We provide the go-to events for fraud prevention and compliance owners at the world's key corporates



### Data Protection & privacy

We are a key venue for decision-makers with budget and purchasing authority

Agenda			
08:00	Breakfast networking and registration		
08:50	Conference welcome		
09:00	<b>Cybercrime: Focus on the experts and the digital masses</b> <b>Heiko Löhr</b> , Head of Cybercrime Unit Strategy and Cooperation, German Federal Criminal Police Office <ul style="list-style-type: none"> <li>• Trends and drivers in cybercrime 2018</li> <li>• Focal point: Crime as service – challenges and response</li> </ul>		
09:20	<b>State of the Phish™ 2018: What your peers are doing to reduce successful phishing attacks</b> <b>Amy Baker</b> , VP of Marketing, Wombat Security Technologies Wombat Security Technologies' VP of Marketing, Amy Baker, discusses key findings from the 2018 State of the Phish™ Report: <ul style="list-style-type: none"> <li>• Aggregation and analysis of data from tens of millions of simulated phishing attacks sent through Wombat's Security Education Platform over a 12-month period</li> <li>• Responses from quarterly surveys of Wombat's, as well as data from an international survey of working adults who were queried about social engineering threats and their cybersecurity behaviours</li> <li>• Insights into current vulnerabilities, industry-specific phishing metrics, and emerging threats</li> </ul>		
09:40	<b>Education Seminar   Session 1</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <b>Cloudflare</b>  <b>DDoS mitigation at Cloudflare</b>  <b>Henry Heinemann</b>, Business Development, Cloudflare                             </td> <td style="width: 50%; padding: 5px;"> <b>ThreatMetrix</b>  <b>Digital identities and ThreatMetrix ID – authenticating identities in the digital age</b>  <b>Stephen Topliss</b>, VP of Products, ThreatMetrix; and  <b>Alexander Frick</b>, Sales Director DACH, ThreatMetrix                             </td> </tr> </table>	<b>Cloudflare</b> <b>DDoS mitigation at Cloudflare</b> <b>Henry Heinemann</b> , Business Development, Cloudflare	<b>ThreatMetrix</b> <b>Digital identities and ThreatMetrix ID – authenticating identities in the digital age</b> <b>Stephen Topliss</b> , VP of Products, ThreatMetrix; and <b>Alexander Frick</b> , Sales Director DACH, ThreatMetrix
<b>Cloudflare</b> <b>DDoS mitigation at Cloudflare</b> <b>Henry Heinemann</b> , Business Development, Cloudflare	<b>ThreatMetrix</b> <b>Digital identities and ThreatMetrix ID – authenticating identities in the digital age</b> <b>Stephen Topliss</b> , VP of Products, ThreatMetrix; and <b>Alexander Frick</b> , Sales Director DACH, ThreatMetrix		
10:20	Networking and refreshments break		
10:50	<b>Better security through better reporting?</b> <b>Thomas Krabs</b> , Information Security Manager, Allianz Global Investors <ul style="list-style-type: none"> <li>• Does your senior management have accurate information on the security posture?</li> <li>• Why do we need better KPIs?</li> <li>• Why do we create false impressions by meaningless KPIs across the industry?</li> <li>• How to evaluate security metrics and security reports?</li> <li>• How to create KPIs that give an accurate view of the security posture</li> </ul>		
11:10	<b>The recent evolution of the phishing threat landscape</b> <b>David Janson</b> , VP Sales, UK & Europe, PhishMe <ul style="list-style-type: none"> <li>• High-profile leaks and mature malware tools in phishing emails and how this has led to the resurgence and emergence of ransomware and botnet malware</li> <li>• What is meant by the 'phishing threat landscape', how attackers have evolved this and the risks that poses to the enterprise</li> <li>• What your enterprise can do in the face of all this, and goals for a holistic, comprehensive and agile defence</li> </ul>		
11:30	<b>Threat intelligence insights: Keeping your business safe from malware, ransomware, and data exfiltration</b> <b>Stefan Mardak</b> , Senior Enterprise Security Architect, Akamai <ul style="list-style-type: none"> <li>• The attack industry invests in more sophisticated attacks</li> <li>• DNS is a fundamental detection component</li> <li>• Effective defence requires a layered approach</li> <li>• Global and hybrid data visibility is key</li> </ul>		
11:50	Networking and refreshments break		

Agenda			
<b>12:10</b>	<b>Cybersecurity and the financial services sector</b> <b>Sebastian Hess</b> , Cyber Risk Executive, American International Group <ul style="list-style-type: none"> <li>• In the spotlight of organised crime: How is a financial services provider being attacked?</li> <li>• Defending against enterprise attacks vs. defending against direct customer attacks</li> <li>• Collaboration of cybersecurity and anti-fraud measures</li> </ul>		
<b>12:30</b>	<b>How to secure access to your enterprise applications</b> <b>Benjamin Borchers</b> , Sr. Solutions Consultant, LogMeIn/LastPass <ul style="list-style-type: none"> <li>• Manage access control across your organisation</li> <li>• Mitigate risk effectively, improve compliance and increase efficiency</li> <li>• Establish strong password practices</li> <li>• Increase productivity by getting employees on and off systems fast</li> <li>• And how can a password manager help fulfil GDPR regulations?</li> </ul>		
<b>12:50</b>	<b>Education Seminar   Session 2</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Agari</b>  <b>How to combat email attacks &amp; identity fraud</b>  <b>Jonathan Morgan</b>, European Director, Agari                                 </td> <td style="width: 50%; vertical-align: top;"> <b>foreseeti</b>  <b>Threat modelling: The challenge in managing risk of both structural and technical vulnerabilities</b>  <b>Robert Lagerström</b>, Principal Threat Modelling Expert, foreseeeti                                 </td> </tr> </table>	<b>Agari</b> <b>How to combat email attacks &amp; identity fraud</b> <b>Jonathan Morgan</b> , European Director, Agari	<b>foreseeti</b> <b>Threat modelling: The challenge in managing risk of both structural and technical vulnerabilities</b> <b>Robert Lagerström</b> , Principal Threat Modelling Expert, foreseeeti
<b>Agari</b> <b>How to combat email attacks &amp; identity fraud</b> <b>Jonathan Morgan</b> , European Director, Agari	<b>foreseeti</b> <b>Threat modelling: The challenge in managing risk of both structural and technical vulnerabilities</b> <b>Robert Lagerström</b> , Principal Threat Modelling Expert, foreseeeti		
<b>13:30</b>	Lunch and networking		
<b>14:30</b>	<b>Building mature cybersecurity operations</b> <b>Muyiwa Olufon</b> , Global Manager Information Security Operations, Adidas Group <ul style="list-style-type: none"> <li>• SecOps 101: What are you trying to protect?</li> <li>• What are the key threats?</li> <li>• A data-centric approach to security monitoring</li> <li>• Insights and advice to other industries</li> </ul>		
<b>14:50</b>	<b>Email fraud defence and the human factor: How to fight the next generation of targeted BEC attacks</b> <b>Markus Grüneberg</b> , Sr. Security Evangelist/Presales Consultant DACH, Proofpoint <ul style="list-style-type: none"> <li>• Business email compromise is costing companies billions, and consumer phishing is at an all-time high</li> <li>• Email fraud attacks that impersonate executives and business partners to trick employees are the biggest cyber threat organisations face today, yet the vast majority of these attacks are preventable</li> <li>• Learn how current email fraud trends and attack methods work, why email spoofing works and how modern solutions can detect and block BEC attacks before they hit the inbox</li> </ul>		
<b>15:10</b>	Networking and refreshments break		
<b>15:30</b>	<b>Digital locks, the Internet Of Things and physical security</b> <b>Stephan Gerling</b> , Head of Red Team, ROSEN Group <ul style="list-style-type: none"> <li>• New threats and challenges resulting from the Internet of Things</li> <li>• It's not only about preventing email-delivered malware: Have you considered physical security?</li> <li>• Digital locks: How these could be the entry system for a hacker into your company's network</li> </ul>		
<b>15:50</b>	<b>EXECUTIVE PANEL DISCUSSION   Do You really need a CISO?</b> <b>Jörg Fielenbach</b> , CISO, Aktion Mensch <b>Sebastian Hess</b> , Cyber Risk Executive, American International Group <b>Matthias Jungkeit</b> , CISO, Münchener Hypothekenbank <b>Dr. Judith Wunschik</b> , CISO, ING-DiBA		
<b>16:20</b>	Closing remarks		
<b>16:30</b>	Conference close		

Education Seminars	
<p><b>Agari</b></p> <p><b>How to combat email attacks &amp; identity fraud</b></p> <p><b>Jonathan Morgan,</b> European Director, Agari</p>	<p>Email is the primary infiltration mechanism for the majority of cyber attacks. To effectively combat these attacks, organisations need to understand the types of identity deception attackers typically prefer, the relative risk and cost of attacks to businesses and the likelihood of their success.</p> <p><b>What attendees will learn:</b></p> <ul style="list-style-type: none"> <li>• Explore the latest threat research into characteristics of known email-based cyber attacks</li> <li>• Examine the prevalence of low-volume, socially engineered email attacks that easily bypass existing security layers</li> <li>• Quantify the relative risk and cost of attacks to your business</li> <li>• Understand how your enterprise can innovate to detect attacks using spear phishing and identity deception</li> </ul>
<p><b>Cloudflare</b></p> <p><b>DDoS mitigation at Cloudflare</b></p> <p><b>Henry Heinemann,</b> Business Development, Cloudflare</p>	<p>At Cloudflare, we have our eyes set on an ambitious goal: to help build a better internet. Today, more than 10% of all global internet requests flow through Cloudflare's network. In September 2017 we rolled out unmetered DDoS mitigation to all our customers – for free. Due to our size we are in the unique position to not only monitor and analyse some of the biggest attacks the internet has ever seen, but also to mitigate them. This seminar covers the history of DDoS attacks we mitigated, as well as the technologies we developed to protect our customers from increasingly sophisticated attackers.</p> <p><b>What attendees will learn:</b></p> <ul style="list-style-type: none"> <li>• Different types of DDoS attacks</li> <li>• DDoS trends in the wild</li> <li>• Experience of large scale DDoS attacks at Cloudflare</li> </ul>
<p><b>foreseeti</b></p> <p><b>Threat modelling: The challenge in managing risk of both structural and technical vulnerabilities</b></p> <p><b>Robert Lagerström,</b> Principal Threat Modelling Expert, foreseeeti</p>	<p>Companies today are experiencing an ever-increasing connectivity and complexity of infrastructure risk management. The underlying challenge today is that infrastructures are complex and interconnected, let alone the fact that a lot is run in the cloud. With the complexity of architectures increasing, the focus on technical vulnerabilities is not enough. Traditional vulnerability scanning offers insight on technical vulnerabilities but lacks the ability to prioritise what to focus on.</p> <p>That said, in general, there needs to be a more holistic approach to ensure that risk is managed in a proper way related to IT infrastructures. Using a combination of technical and structural vulnerabilities, being able to map large infrastructures in a scalable way, needs to be combined with a probabilistic approach in threat modelling, which enables organisations to focus on true risk instead of theoretical risk on a technical level.</p> <p>Taking this further, and being able to focus on true business risk, requires a new approach. At the Royal Institute of Technology, extensive research has been conducted in threat modelling and the probability of a certain set of parameters to be exploited to get access to an infrastructure. Join this seminar to learn the latest of research on threat modelling from both academia and the corporate world.</p> <p><b>What attendees will learn:</b></p> <ul style="list-style-type: none"> <li>• Distinction between technical and structural vulnerabilities</li> <li>• How to address the challenges in scaling traditional risk assessments and threat modelling of complex IT infrastructures with objective fact-based data</li> <li>• Using research findings to perform threat modelling on large corporate IT infrastructures</li> <li>• How to use threat modelling in the design process of IT infrastructures</li> </ul>

**Education Seminars**

**ThreatMetrix**

**Digital identities and ThreatMetrix ID – authenticating identities in the digital age**

**Stephen Topliss**, VP of Products, ThreatMetrix; and **Alexander Frick**, Sales Director DACH, ThreatMetrix

The concept of identity in the digital age is being fundamentally reimagined. The jigsaw pieces of an individual identity are being collated and compiled by fraudsters to create near perfect stolen pictures, which no longer belong solely to their true owner but are scattered across the globe having been bought, sold and traded by criminal networks. What constitutes an identity in the age of digital commerce? The digital identity, and in particular ThreatMetrix ID, is a new way of understanding, authenticating and validating user identities, raising the lowest common denominator from a device to the person and looking beyond static data to the dynamic intricacies of how people transact online.

**What attendees will learn:**

- A review of the latest cybercrime trends based on actual attacks detected by the ThreatMetrix Digital Identity Network.
- Proven ways to leverage digital identities and ThreatMetrix ID to fight fraudulent account takeovers
- How behavioural analytics coupled with remote desktop detection techniques can mitigate social engineering attacks