Hacking the 0day Market
• Director of Crowdfense Limited
• Most recently, Head of Cyber Security for KPMG
• Working in the ICT security field since the XX century 😊
• Member of the National Security Observatory (Italy) --> contributed to Italy's “National Cyber Strategy"
• Author of many cyber-security guidelines and best practices:
  • Italy's “Cybersecurity Framework”
  • ENISA's “Cybersecurity and Resilience for Smart Hospitals”
  • ....
Historically, it’s unsafe, chaotic and inefficient from a business pov.

This hampers the (now strategic) ability of law enforcement and intelligence agencies to fight crime / terrorism / hostile geopolitical actors in the cyber domain.

Researchers are often underpaid for their exponentially complicated efforts.

There is a talent vacuum as underpaid researchers seek more lucrative fields / do research as a second job.
To combat the inefficiencies in the current market, we need to “normalize” and streamline this business:

- Protect and pay researchers more
- Reduce unnecessary middle men
- Dedicate more economic resources
- Develop and adopt best practices

Come on… It’s not 2003 anymore.
Step #1: Launched the largest Public Bug Bounty Program in History

Seeking single exploits and full / partial exploit chains to support our customers in their targeted information gathering activities (LE and Intel).

Highest payouts in our industry.

Step #2: Launched the Vulnerability Research Hub

An innovative web-based collaboration platform that allows vulnerability researchers to safely submit, discuss and quickly sell single 0day exploits and chains of exploits.

Legal, safe and easy to use.
In April 2018 we launched our Public Bug Bounty program, which offers the highest bounties ever paid for these classes of exploits.

Thanks to this program, we were able to purchase top quality capabilities, and are in the process of buying more.

In 2019 we will add more bounties and include more classes of exploits in our program.
The Vulnerability Research Hub (VRH)

Step by step, user friendly workflows manage submission, discussion, testing, evaluation, contracting and payment.

Findings can be both within the scope of the Bug Bounty Program or freely proposed by researchers (within our Code of Conduct).

Based on a zero-trust model with maximum OpSec for all participants.
### List of Submissions

<table>
<thead>
<tr>
<th>Type</th>
<th>Title</th>
<th>Creation Date</th>
<th>Update Date</th>
<th>Seller</th>
<th>Account</th>
<th>Status</th>
<th>Action Required</th>
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<tr>
<td>Claim</td>
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<td>29 Dec 2017 4:32PM</td>
<td>29 Dec 2017 4:32PM</td>
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<td>Seller0002</td>
<td>Account033</td>
<td>In evaluation</td>
<td>Action Required</td>
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</table>
VRH Goals

A faster time-to-market for sellers.

Higher quality products for customers.
How to join the VRH
Thank you!

To learn more about or to discuss ways to partner with Crowdfense come speak to us after this presentation or visit our website: crowdfense.com

To join the VRH: vrh.crowdfense.com

For inquiries:
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