



■ The Business of Cyber Attacks

> Insurance Technology 'Security Matters' Forum, 16th February 2016

the business of cyber attacks

> welcome

BAE SYSTEMS

We help nations, governments and businesses around the world defend themselves against cybercrime, reduce their risk in the connected world, comply with regulation, and transform their operations.



Russell Kempley – Head of EMEA Technical Services
Helping our customers by delivering cyber expertise in Threat Intelligence, Penetration Testing and Incident Response

■ the business of cyber attacks

> overview

The attacker's business...

...is knowing your business

So you need to...

...defend your business

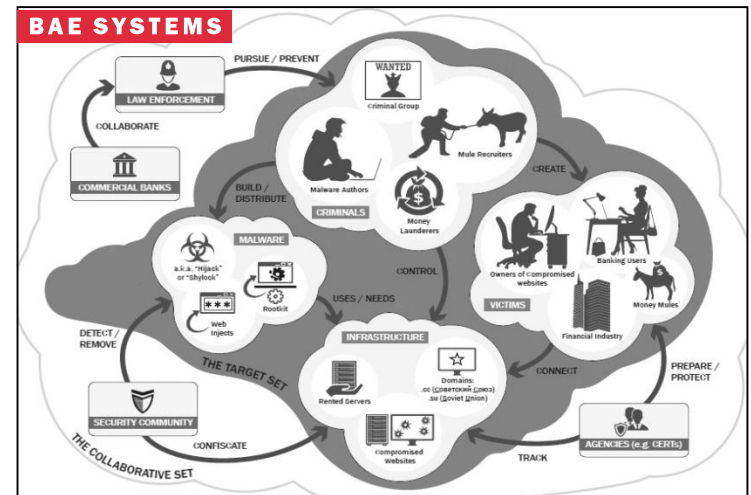
the attackers' business...

> examples

*"Malware as a service
– cyber crime's new
industry"*

"Hackers for hire"

*"Global action
targeting shylock
malware"*



BAE Systems [infographic](#) showing the complex business processes behind the shylock campaign.

■ ... is knowing your business

> the business model



Social
Employees
Users



Application
Process
Business Logic



Network
Technology
System

■ ... is knowing your business

> the business model

Crime



Social
Employees
Users



Application
Process
Business Logic



Network
Technology
System

■ ... is knowing your business

> the business model

**Cyber
Enabled
Crime**



Social
Employees
Users



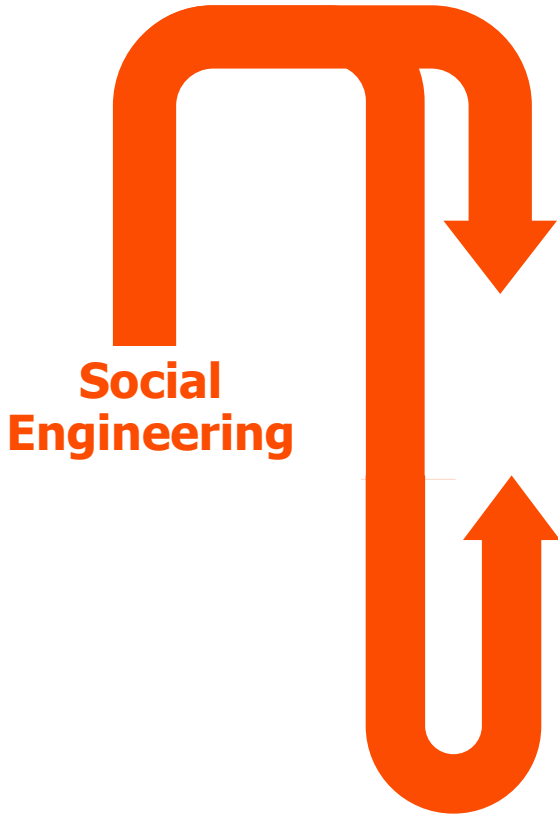
Application
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Social
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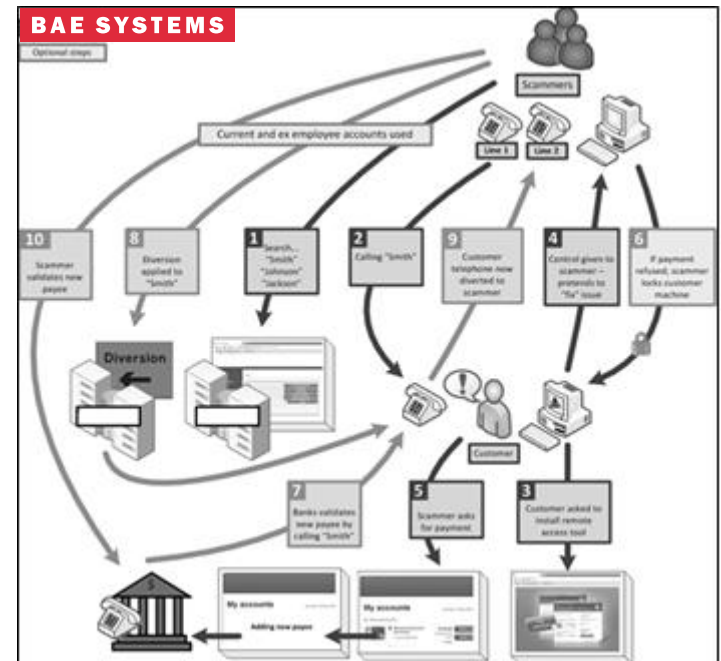
■ ... is knowing your business

> examples

"SRA warns of 'Friday afternoon fraud' risk"

"Security Vendors Report Uptick in Whaling, Phishing Scams"

"BlackEnergy trojan strikes again"



BAE Systems incident response revealed a complex fraud which operated with detailed knowledge of the target business.

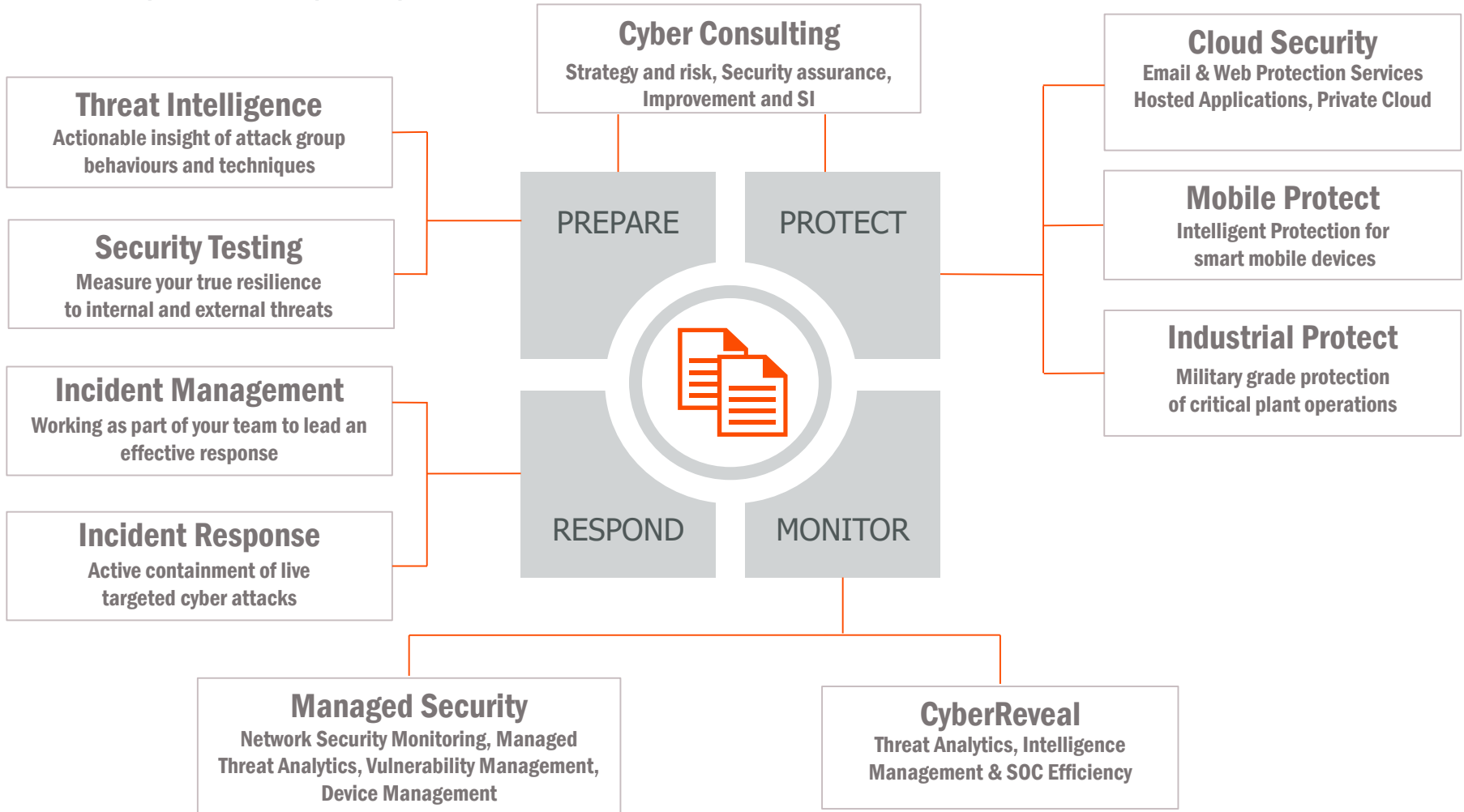
defend your business

> three pillars



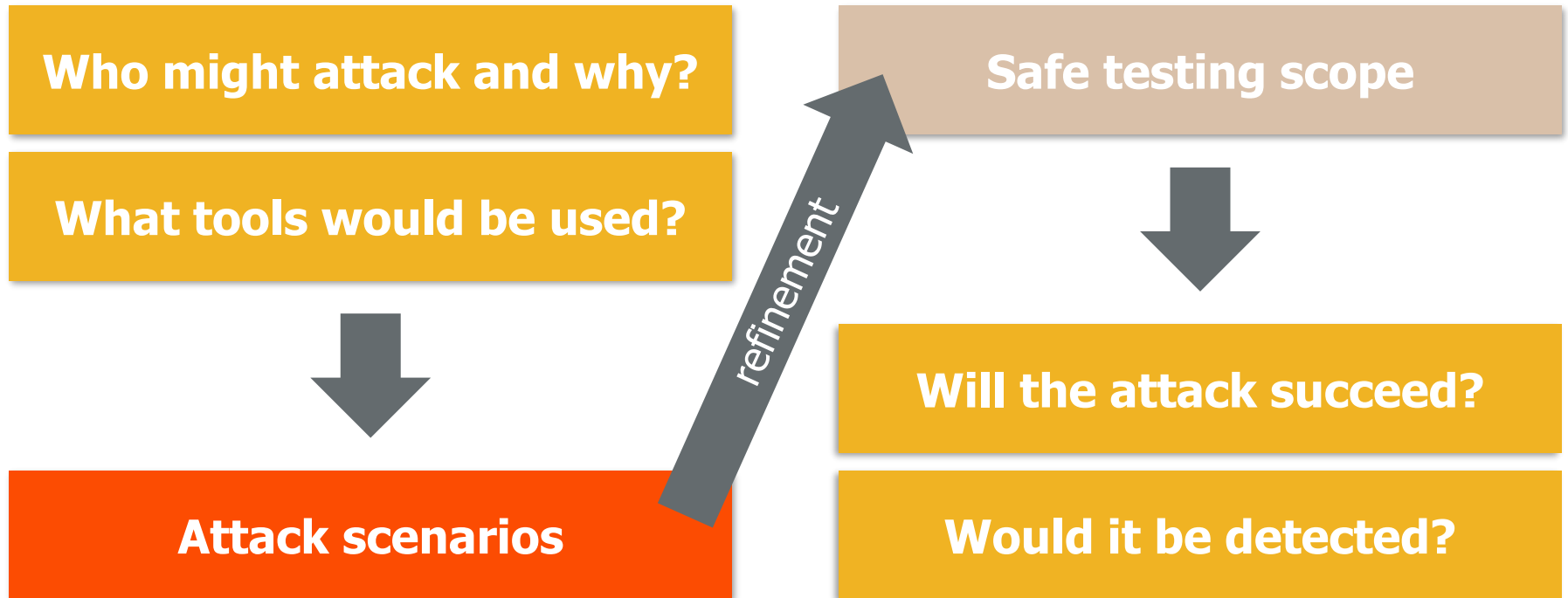
defend your business

> cyber security lifecycle



defend your business

> intelligence-led security testing



thank you

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