IBM Security

Security for an Era of Accelerating Change

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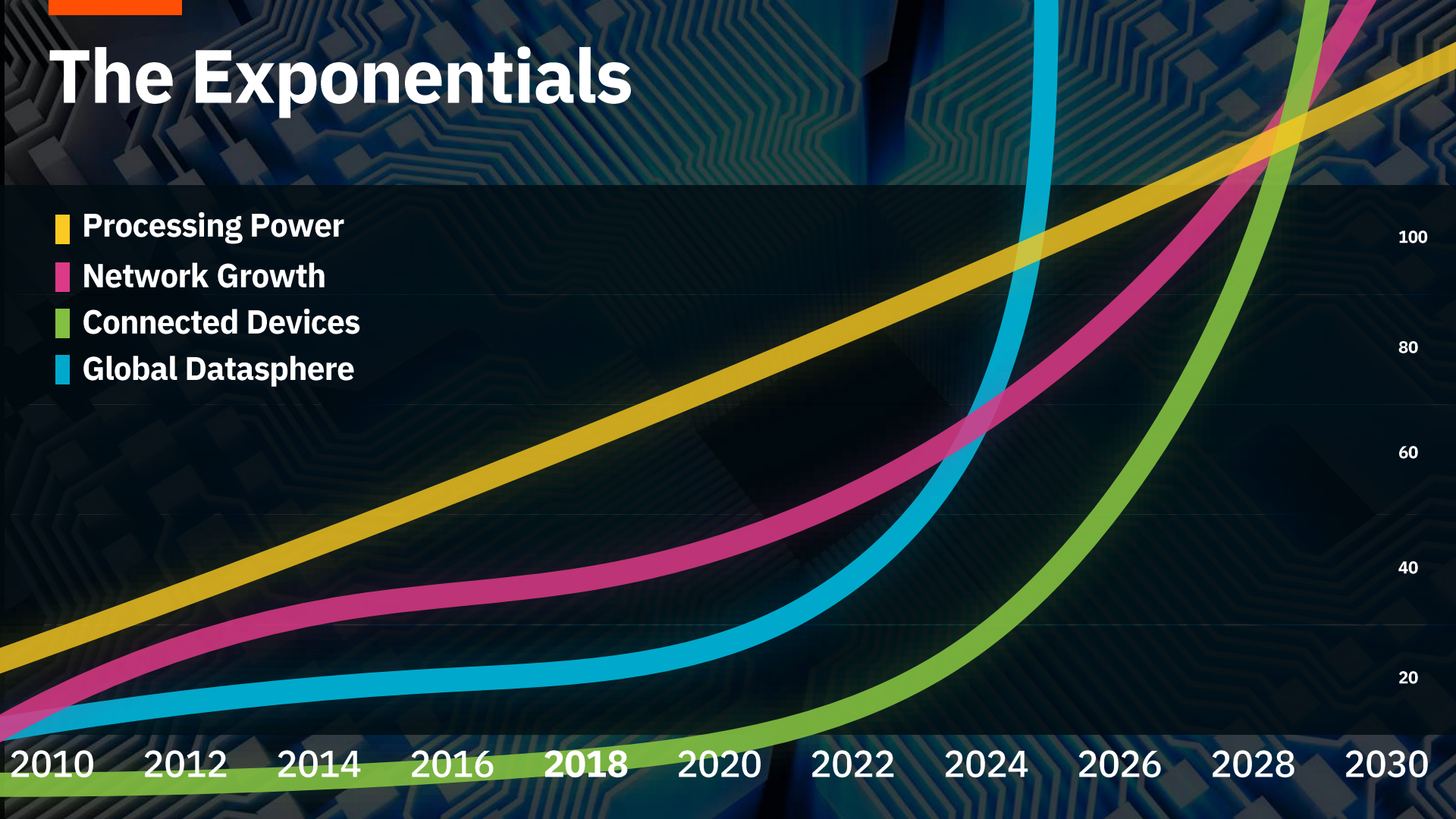
The Exponentials



Cybersecurity is a universal challenge evolving

ADVANCED ATTACKS	INSIDERS	NEW INNOVATIONS	COMPLIANCE
From…			
• Broad threats • Individual hackers	• Disgruntled employees	• Technology and linear driven security strategy	• Checking the box • PCI compliance
To…			
• Targeted and organized crime (i.e., ransomware)	• Outsiders and partners becoming insiders	• Agile security that moves with the business	• Continuous risk analysis • GDPR

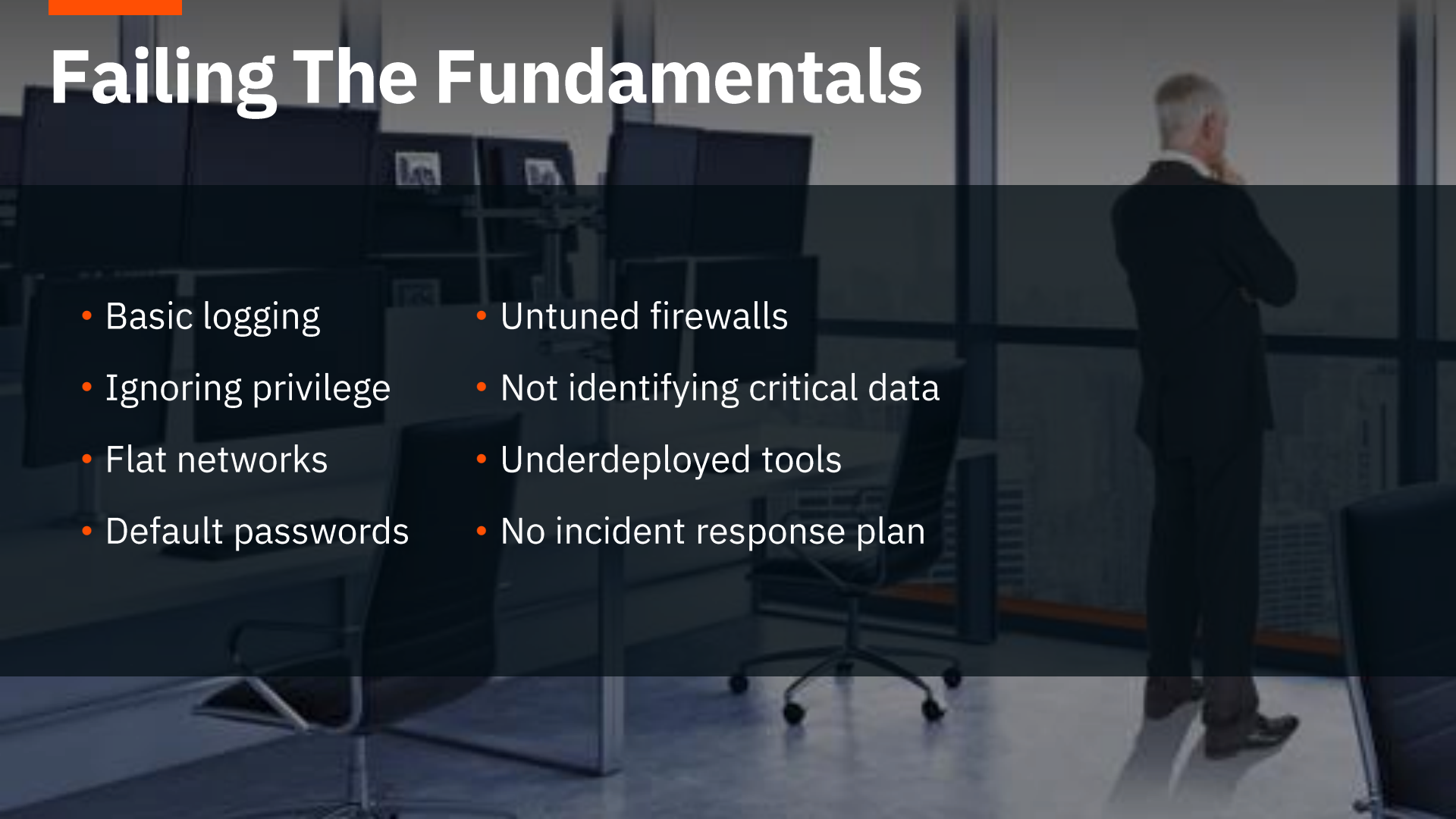
Cybercrime will become a **$2.1 trillion** problem by 2019

2016 insider attacks were **58 percent** 42% outsider attacks

By 2020, there will be **20.8 billion** connected “things”

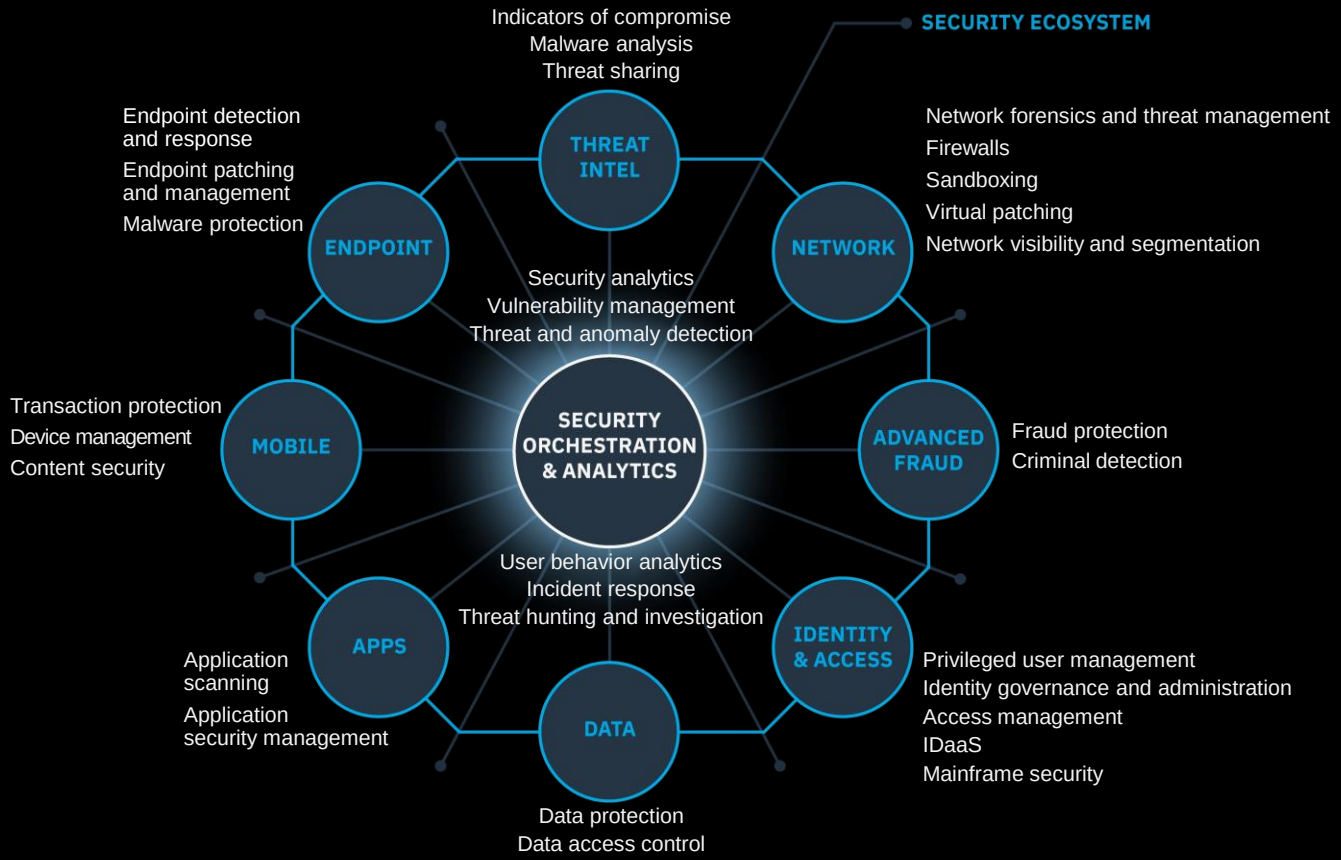
GDPR fines can cost **billions** for large global companies

Failing The Fundamentals

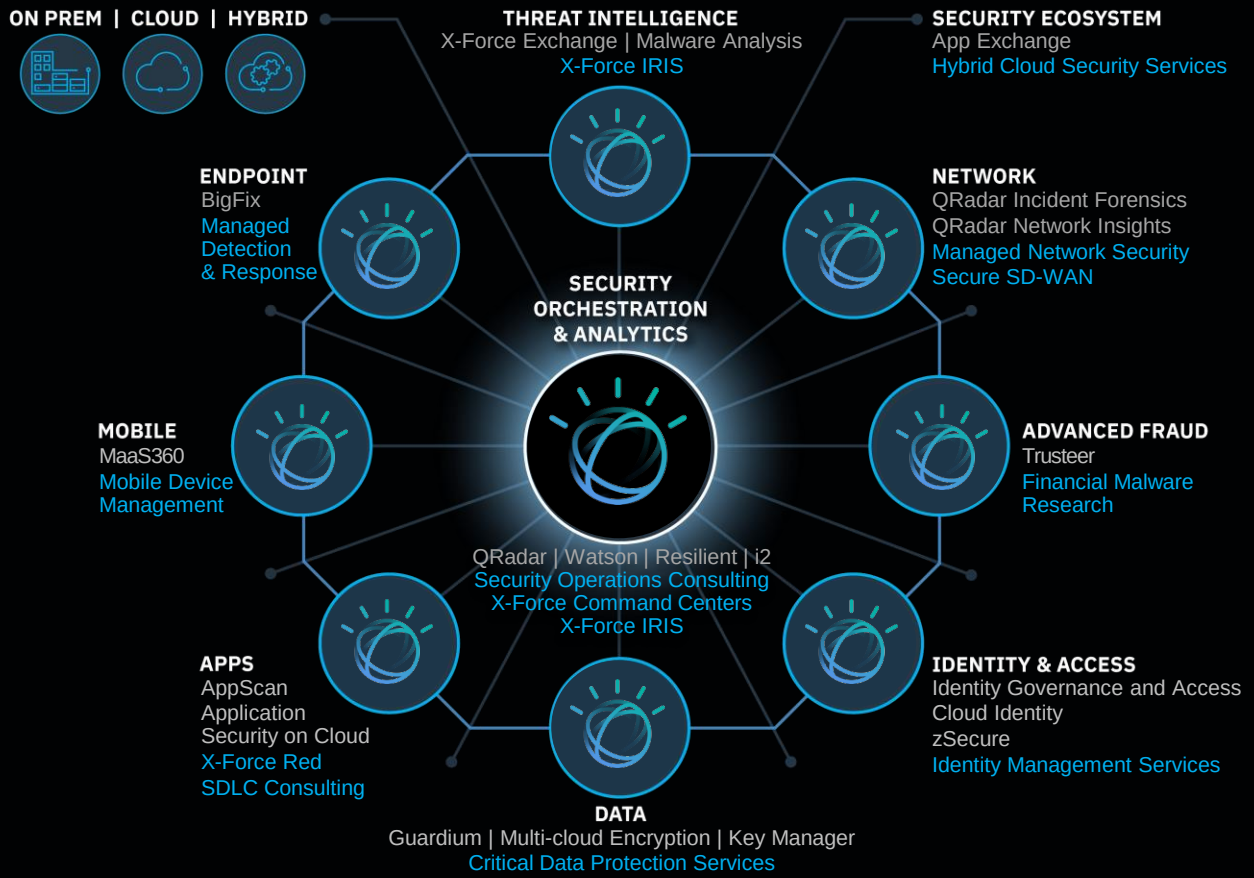


- Basic logging
- Ignoring privilege
- Flat networks
- Default passwords
- Untuned firewalls
- Not identifying critical data
- Underdeployed tools
- No incident response plan

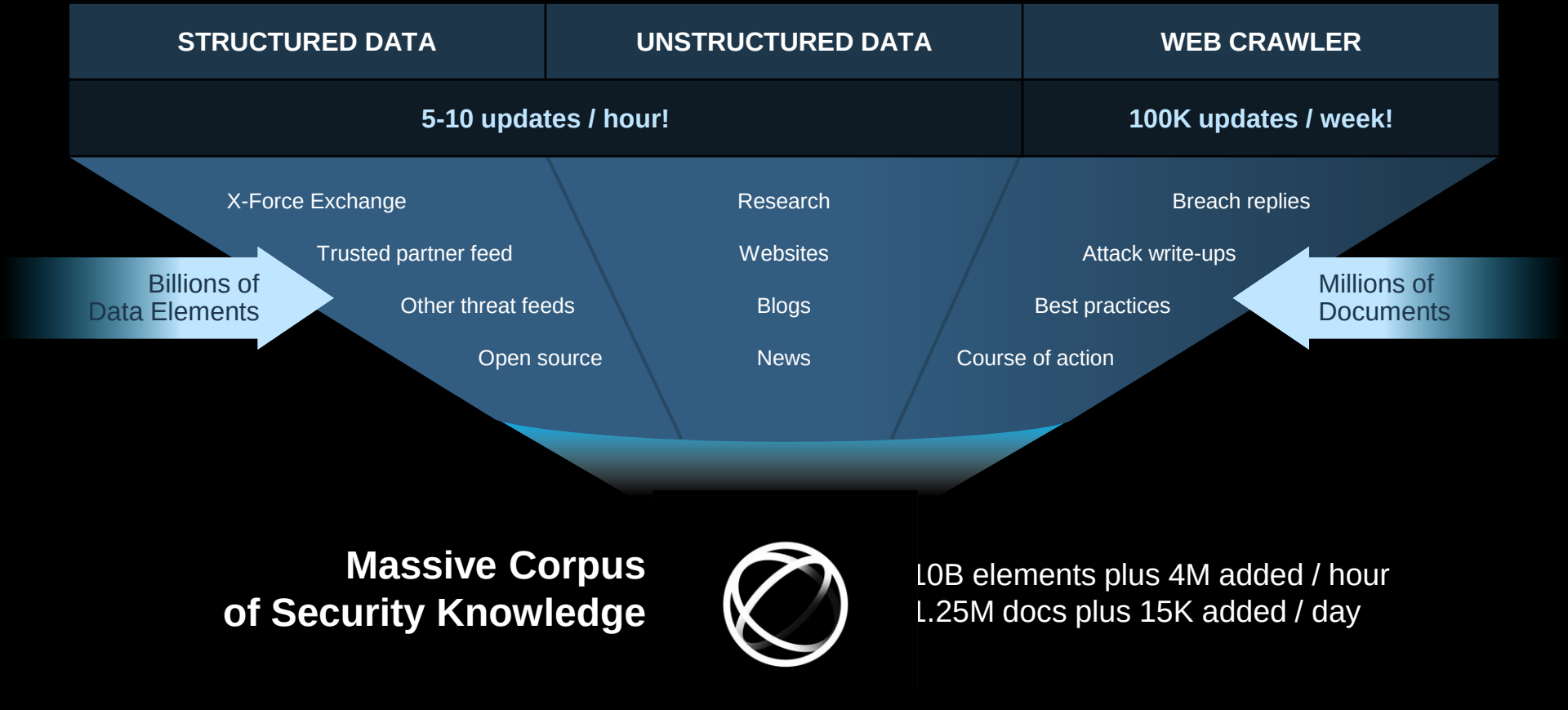
An integrated and intelligent security immune system



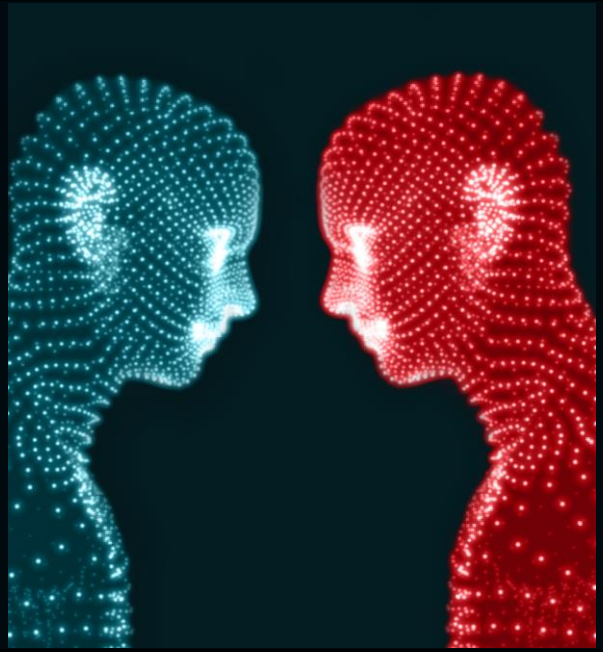
Next, change the game with AI



Watson for Cyber



Our Future



AI vs. AI

Safety At Risk

Skills Shortage

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THANK YOU

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