



Email Security

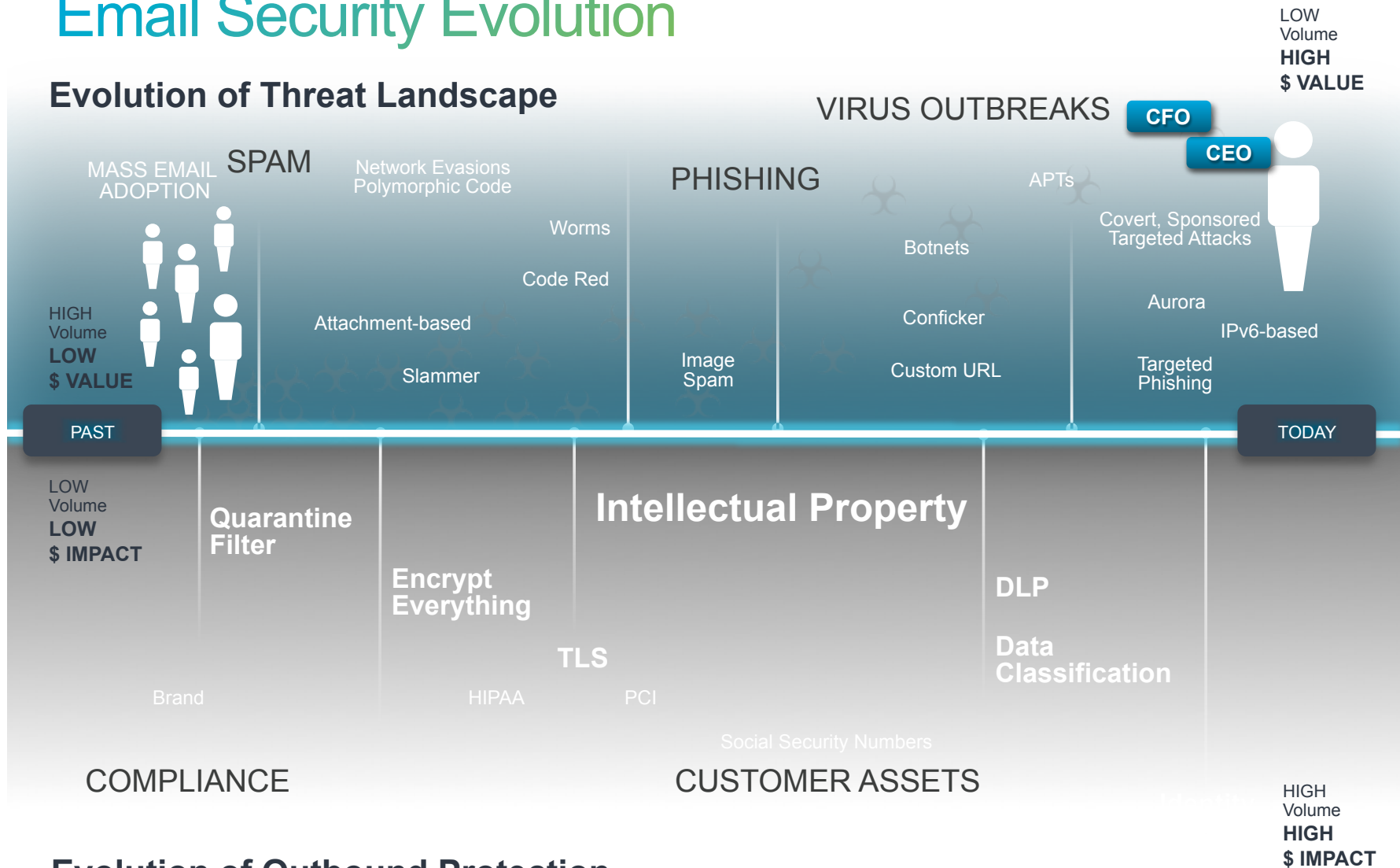
Chip Sharp

chsharp@cisco.com



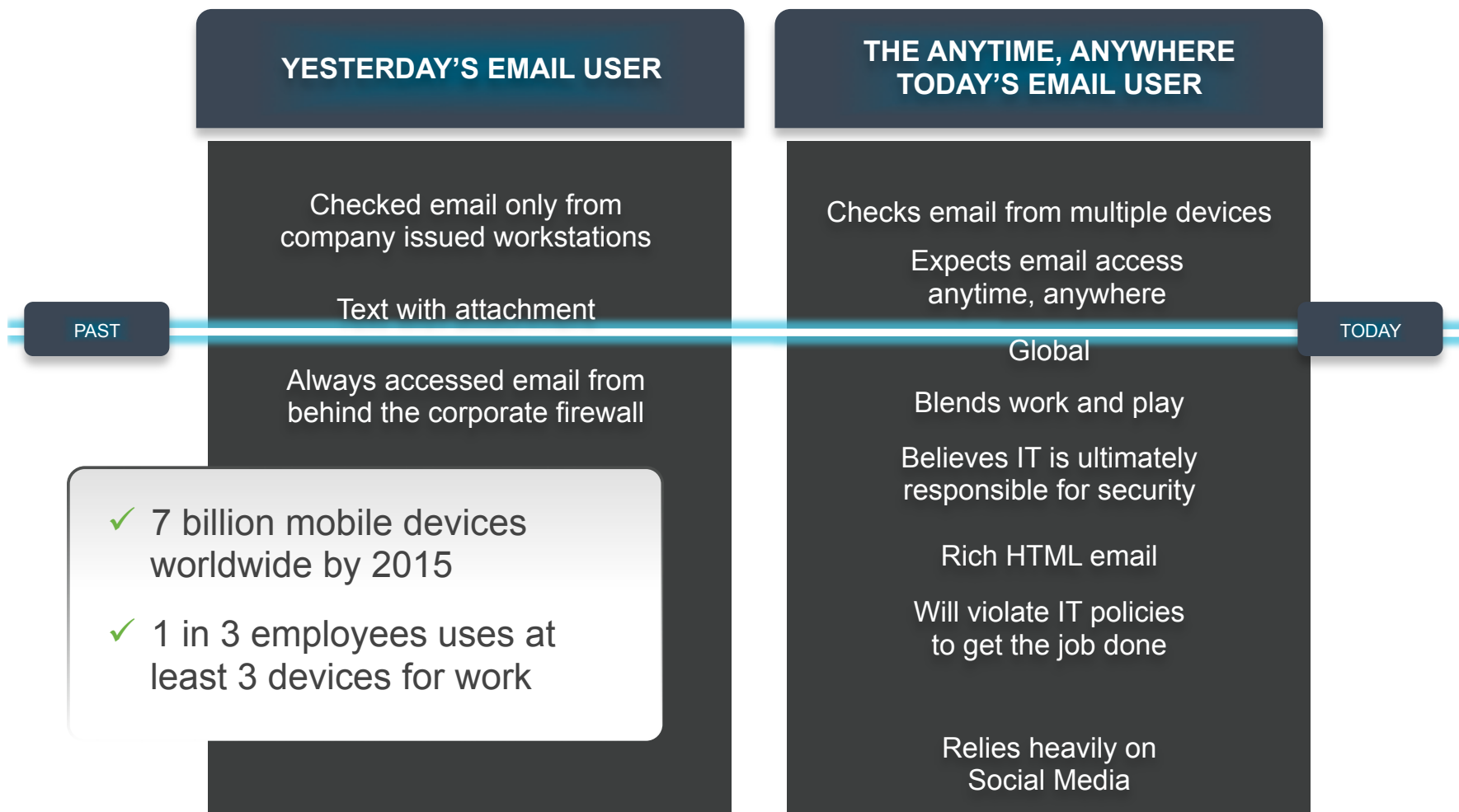
Email Security Evolution

Evolution of Threat Landscape

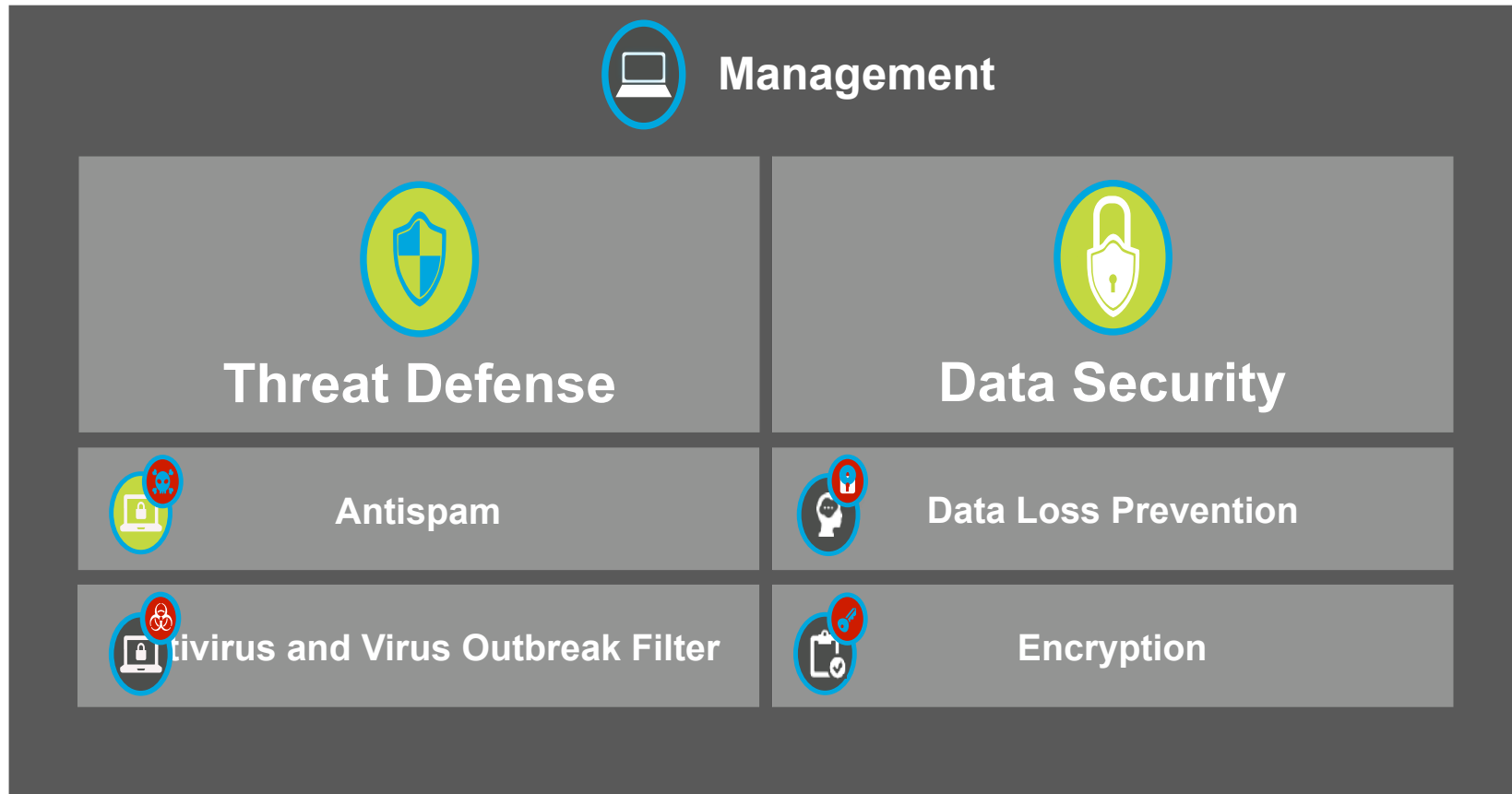


Email User Evolution

Securing Email for the Evolving Workforce

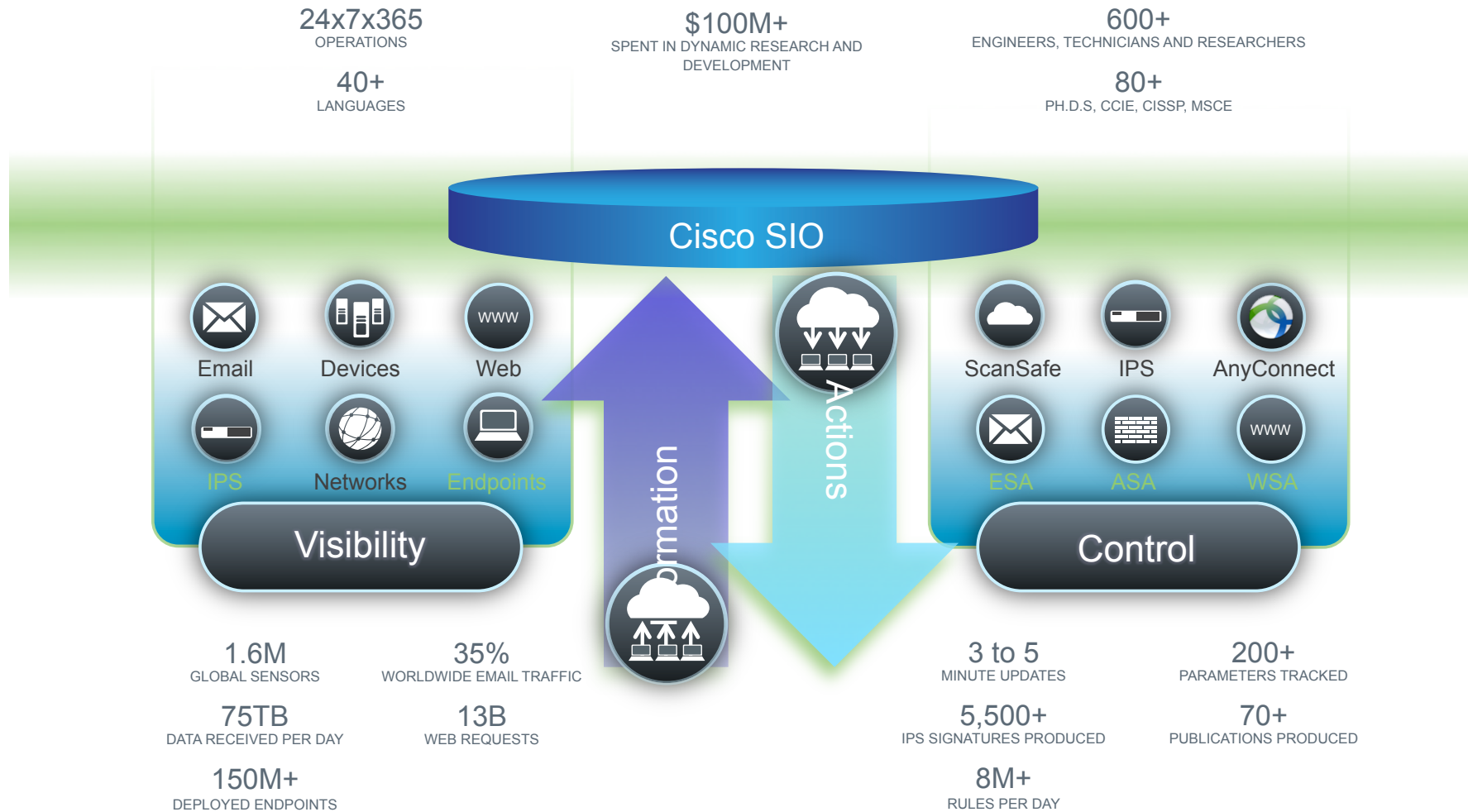


Cisco Email Security Architecture



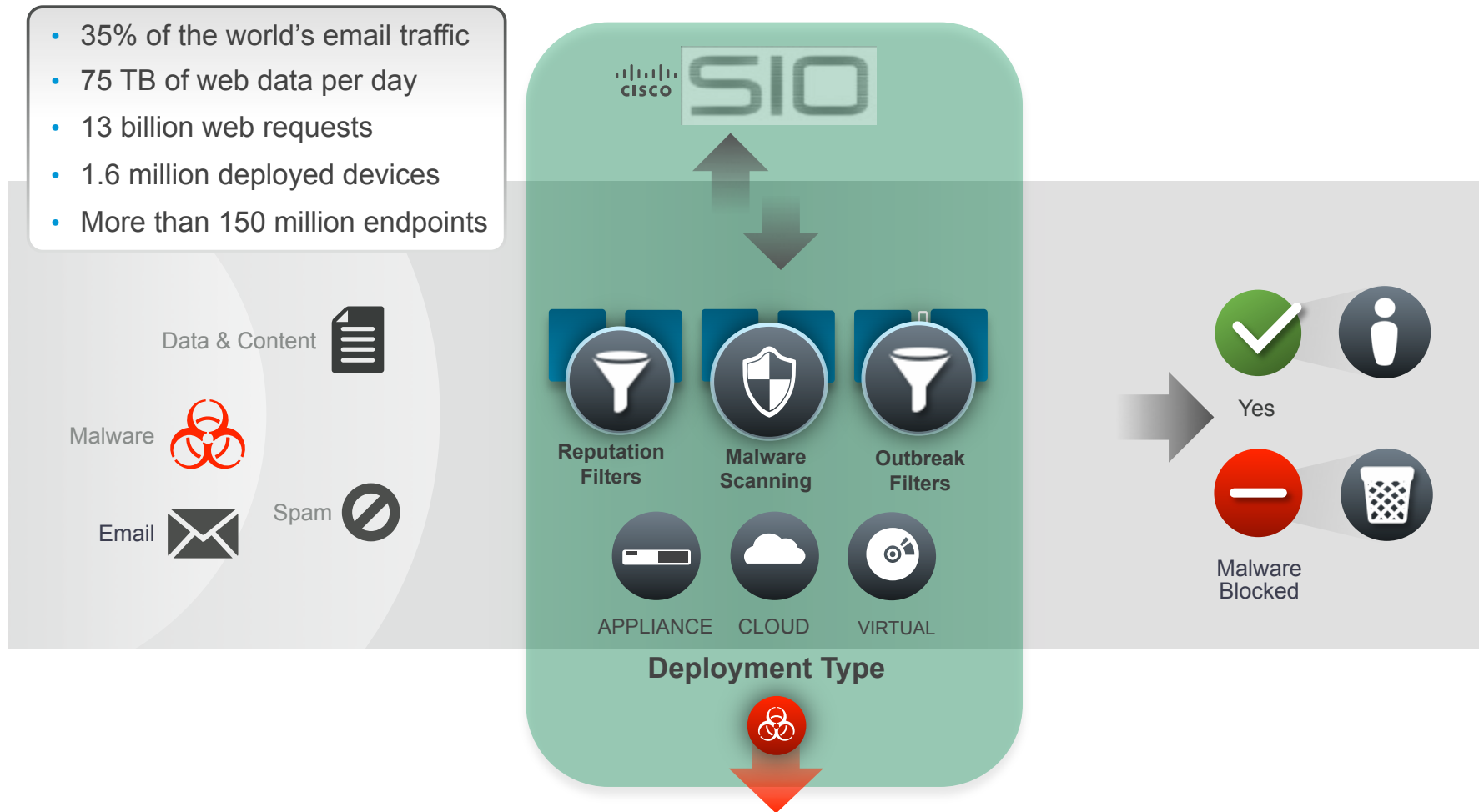
Security Intelligence Operations

cloud-based global threat intelligence



Cisco Security Intelligence Operations (SIO)

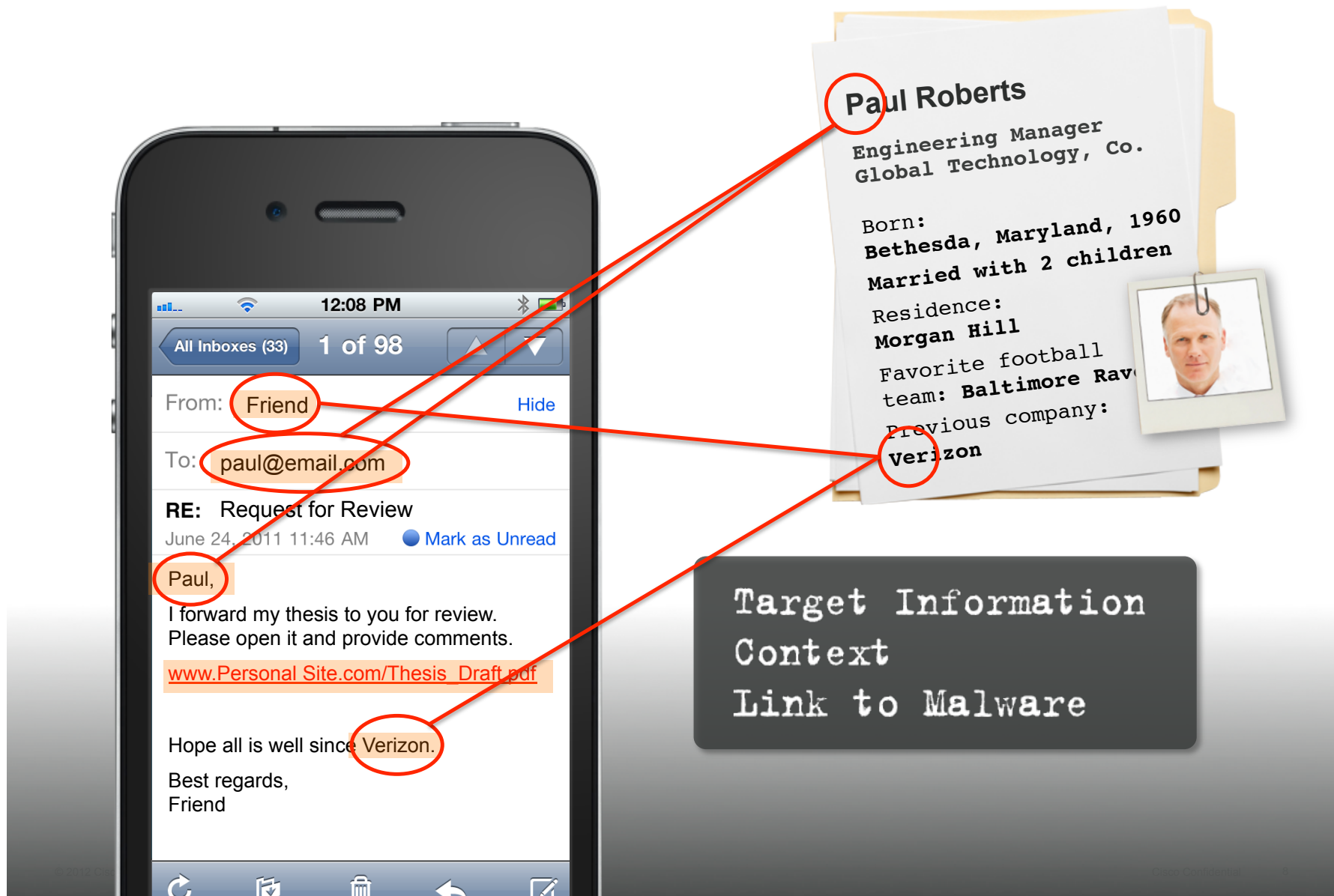
- 35% of the world's email traffic
- 75 TB of web data per day
- 13 billion web requests
- 1.6 million deployed devices
- More than 150 million endpoints



TARGET
Technology Intellectual
Property

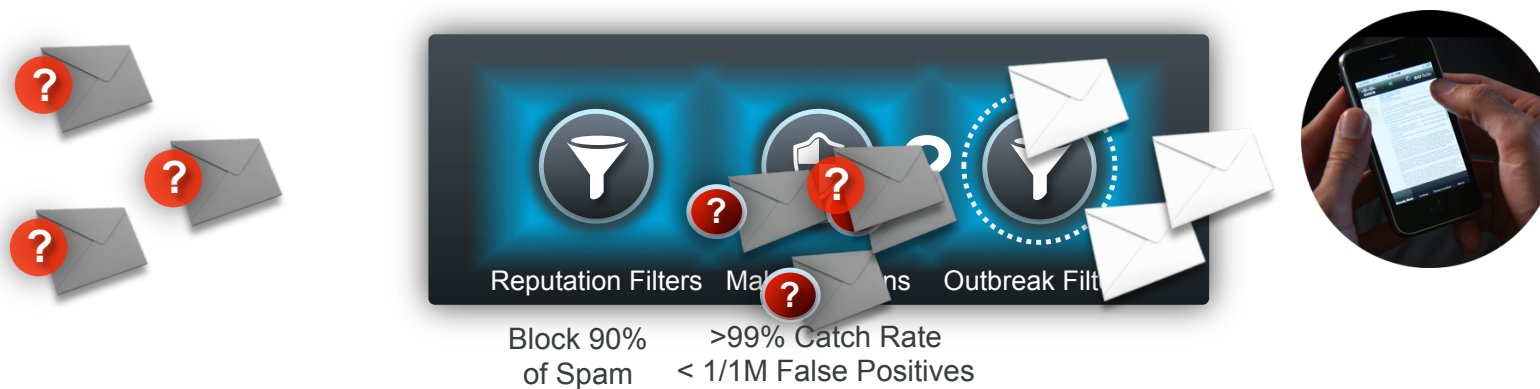


4x Targeted Attacks have quadrupled in the last year.

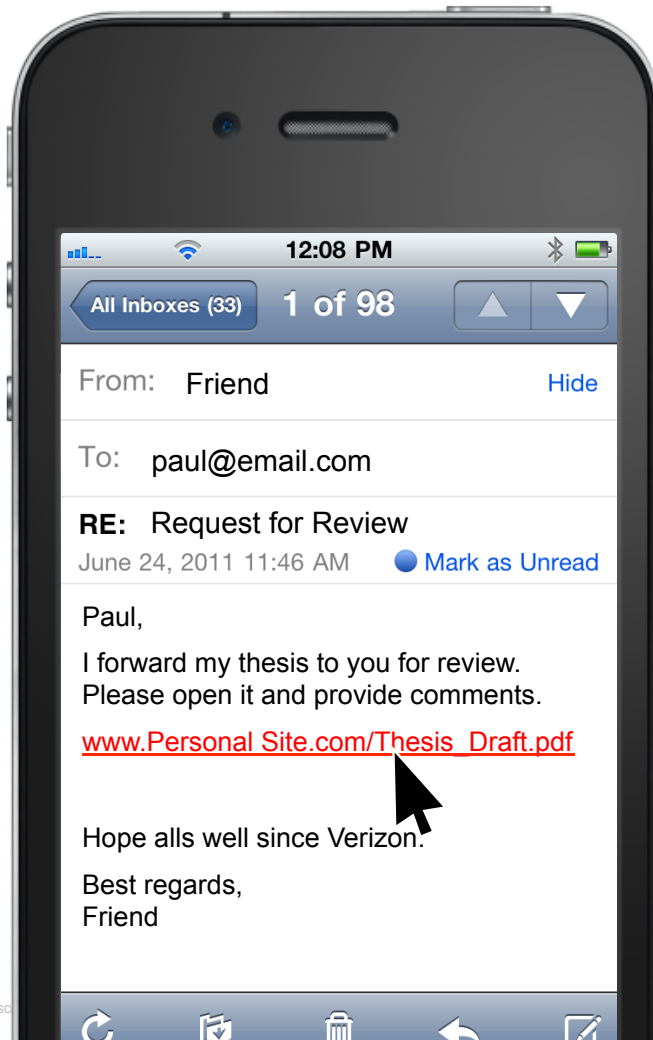


Targeted Attack Prevention Architecture

Cisco Email Security blocks with reputation, malware and outbreak filters



Outbreak Filters in Action



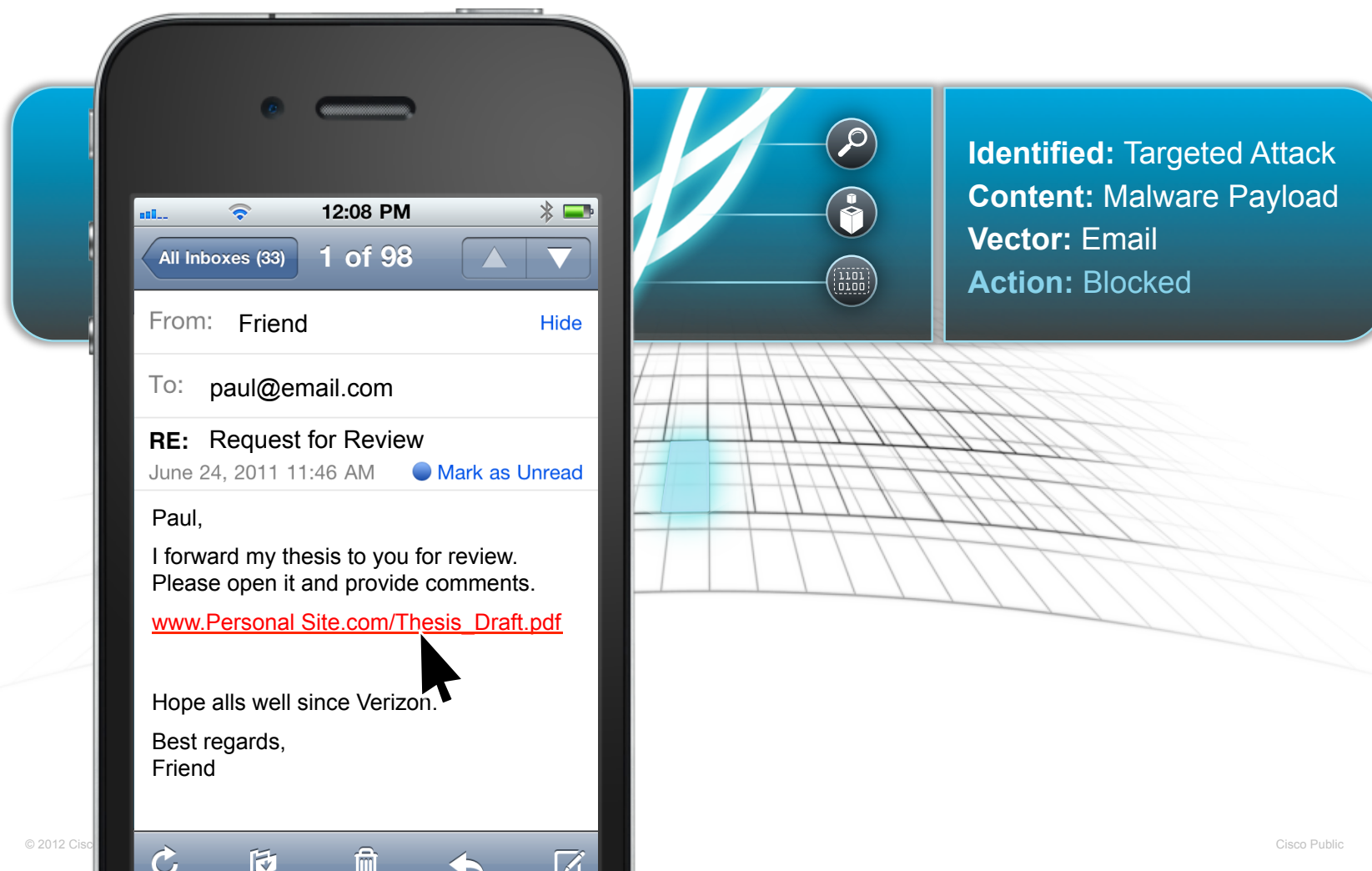
Before

<http://www.threatlink.com/>

After

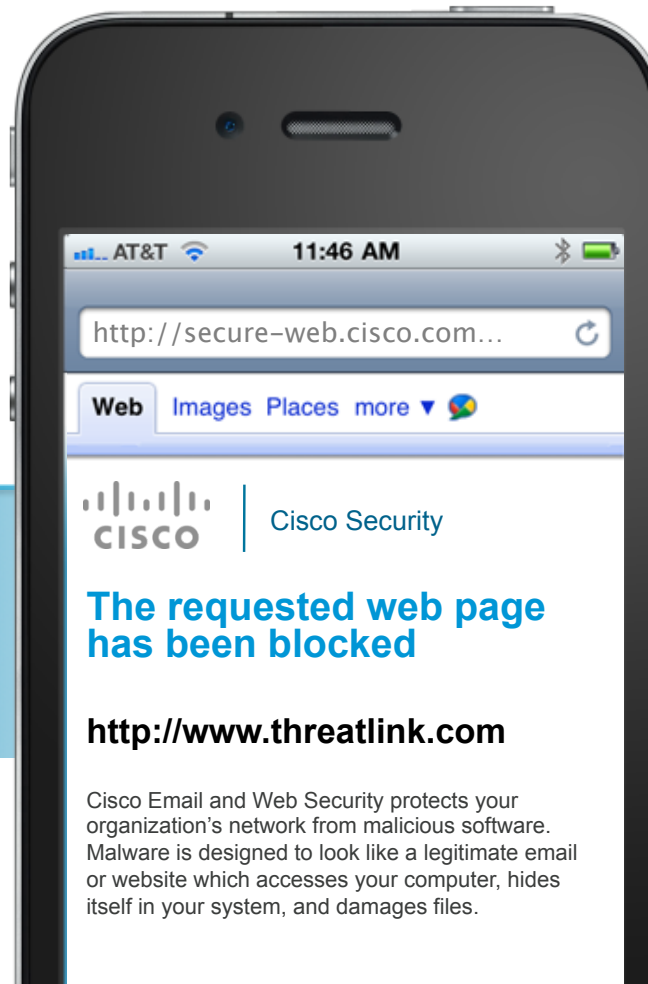
<http://secure-web.cisco.com/auth=X&URL=www.threatlink.com>

Cisco SIO - Cloud Security Enforcement



Cisco Outbreak Filters Defends against Targeted Attacks

**Malware
Payload Blocked**



Summary

- Email threats have evolved beyond blanket attacks
- Targeted attacks and new vulnerabilities introduced by BYOD
- Inbound Defense – Outbreak Filters, Leveraging SIO, Anti-Malware, Anti-Virus, Anti-Spam