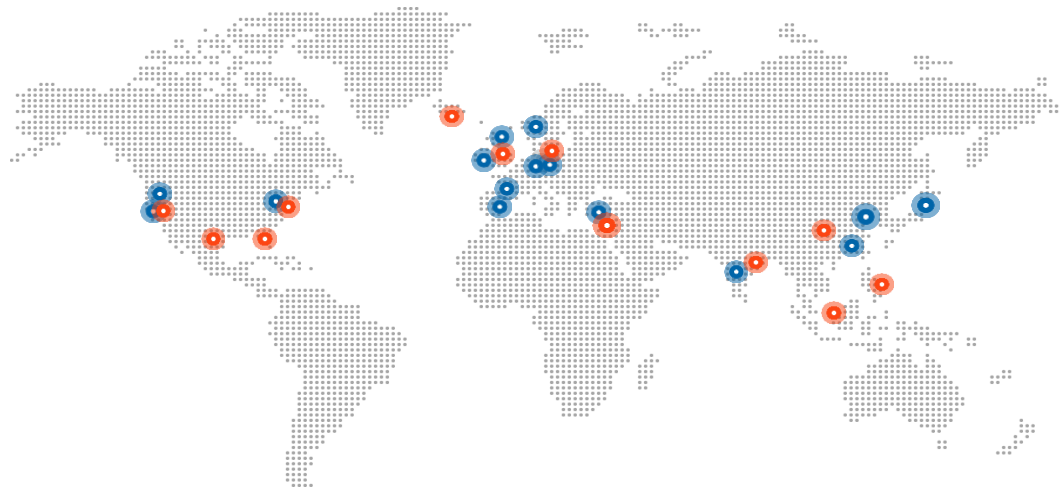


CYREN Web Security: Zero Hour Detection

Robert Bruce – Channel Sales Director

CYREN Powers the World's Security



200+

OEM customers

500K

Points of presence

600M

End users

17B

Daily Transactions



CYREN

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CYREN Platform Solutions

Our Cyber vision: To be the most accurate and actionable threat detection solution for unknown threats.

Global threat analysis, behavioral, and dynamic reputation scoring is only available via tools that use the Cloud.

Cloud-driven cybersecurity solution
enabling full content inspection, including
SSL traffic to better protect users from
rapidly evolving cyber threats



CYREN
WebSecurity

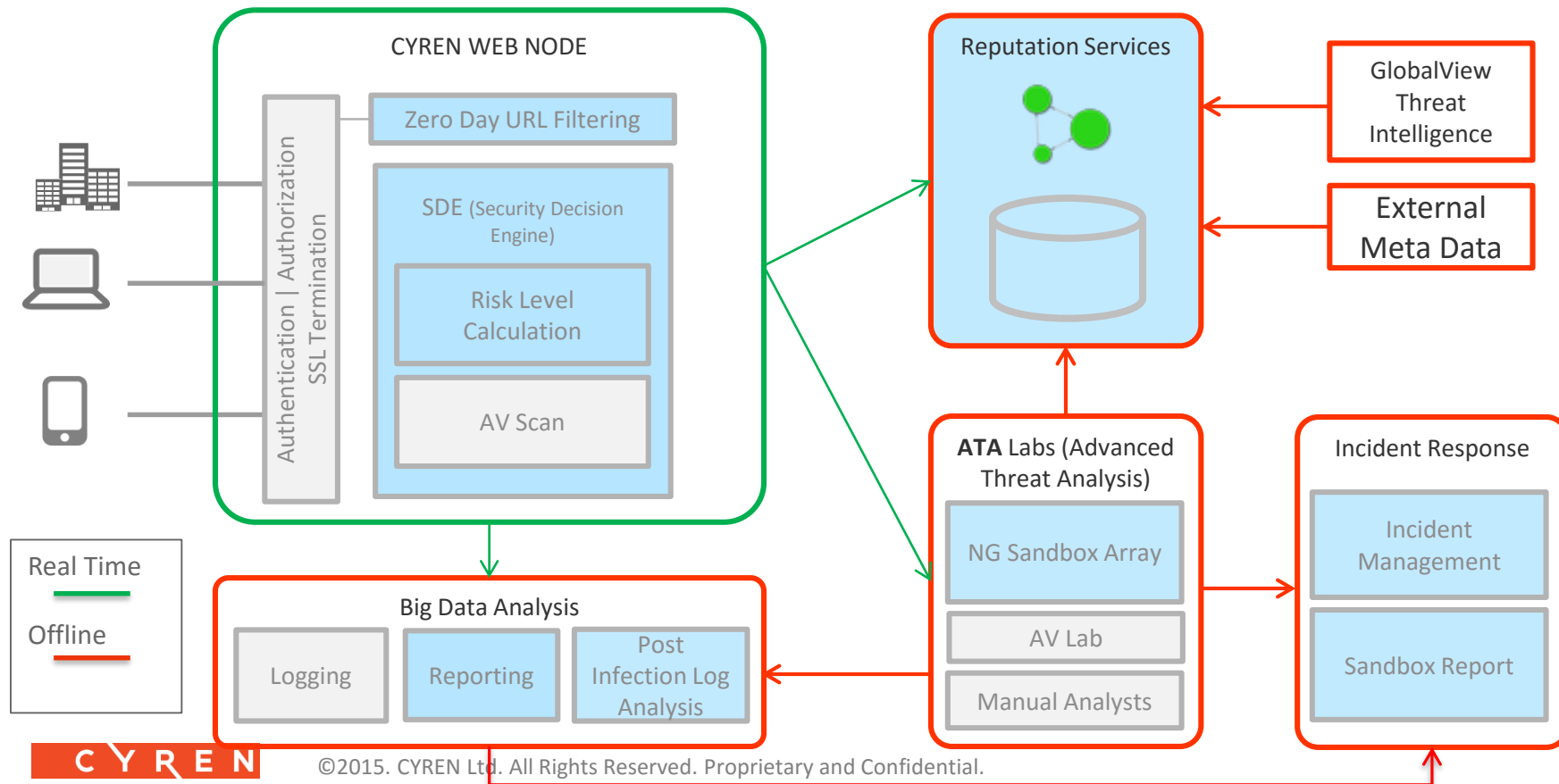
Cybersecurity products and solutions
responsive to advanced malware and other
cyber attacks, which target data centers and
routinely bypass conventional signature-
based defenses



CYREN
Cyber Threat
Protection

Use cloud-based solutions to arm your organization with the intelligence needed to prevent and handle breaches.

CWS 3.0 Threat Architecture

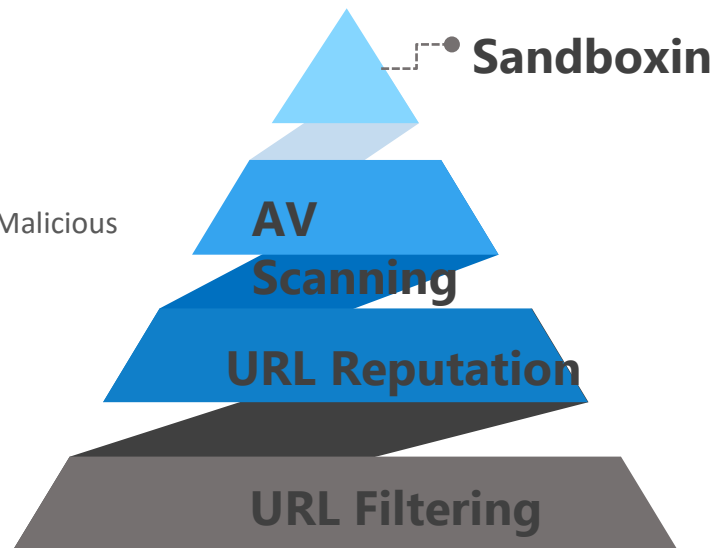


The Security Decision Engine

- Goal: Activate security measures based on a transaction's risk level

- How:

- Checks the URL / Host / Domain / IP reputation
 - Clean, Probably Clean, Unknown, Suspicious, Probably Malicious, Malicious
- Decides if to calculate the actual file type
- Decides if to send the file for AV scanning
- Decides if to send the file for Sandbox analysis
- Enforces the customer's policy



The Zero Day Categories

- Goal: Blocking zero day malware, phishing and C&C
- Feed URLF with suspicious URLs from sandbox analysis
- Introducing 3 new categories in CWS
 - Zero Day Malware
 - Zero Day Phishing
 - Command and Control (C&C)

Security Decision Engine

Users | Locations | **Policy Sets** | Protection

Recent Policy Sets:

Security

Compliance

Productivity

▼ Security

i It is strongly recommended to use the default settings

Anti Malware



When Anti-Malware Scanning is on, web resources are scanned for malware.

Note: We strongly recommend you use the default settings.

SafeSearch



When SafeSearch is on, adult content is excluded from search results generated by the leading search engines (Google, YouTube, Yahoo, and Bing). When DNS-based filtering is used, adult content is excluded from Google and YouTube results.

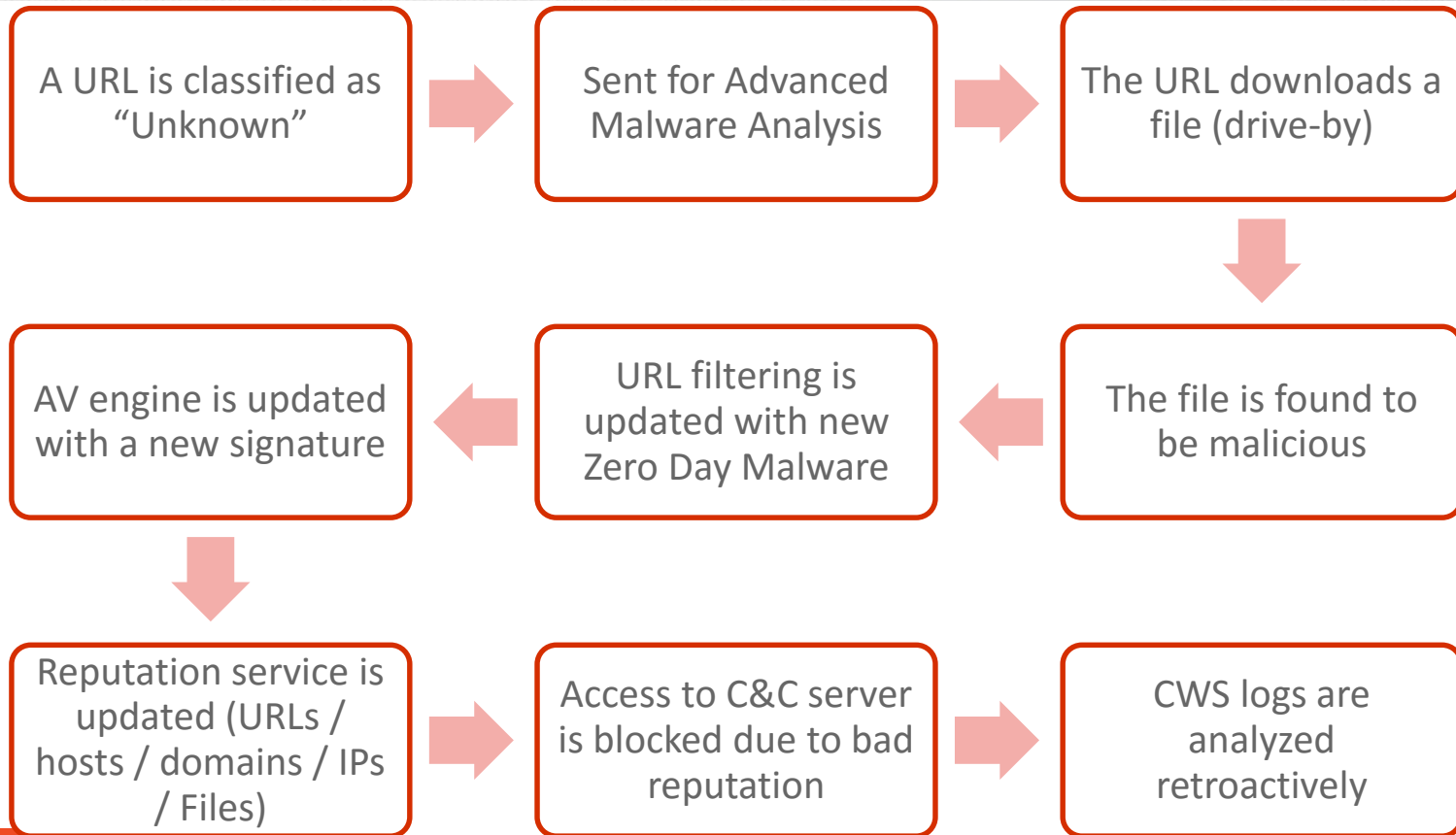
ATP Threshold



Choose on what level the user will be blocked:



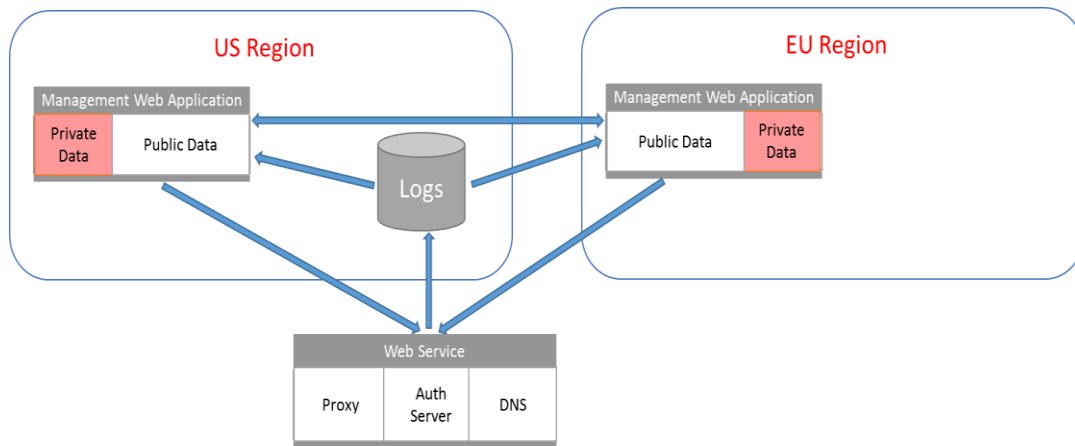
The Story of a New Threat



Setting a New Standard for Regional Privacy

Comply with privacy laws prohibiting transfer of users' personal data outside the region

- Application layer is served within the region
- Personal private (PII) data (user name, email, site name, customer name) never leaves the home region
- Public data (policy, configuration, hashed values) replicated across regions enables seamless roaming
- Logs do not include any PII
- Hashed values map to private data for reporting purposes only in the relevant home region



Any Questions?

Thank You. Any Questions or Thoughts?

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