

SUSTAINABLE CYBER SECURITY COUNTERACTS

Ko Sasaki
General Manager
Global Business Development
LAC Co., Ltd.



1986



1995

20

360



Governments

Interpol



Our Cyber Security Business

Total Cyber Security Managed Service Provider By Top Cyber Security Experts

2015 Frost & Sullivan Japan's Managed Security Service Provider of the Year Award

Training /Drill

Consulting

FROST & SULLIVAN
BEST PRACTICES AWARD
2015

JAPAN
MANAGED SECURITY
SERVICE PROVIDER OF THE YEAR

Penetration Testing

APT Solution



15 yrs

100 cyber engineers
Japan Security Operation Center

800 million logs
JSOC

15 mins Alert

Trend in Cyber Attacks in Japan

External Attacks

40%

Internal Attacks

60%

Incident Trend in Japan detected at our SOC

June 2015

Japan Pension Service

About 1.25 million personal information stolen

The Tokyo Chamber of Commerce and Industry

12,000 personal information stolen

Petroleum Association of Japan

Petroleum Policy documents stolen

WASEDA University

3300 staff information stolen

External Attacks

**Internal but
EXTERNAL Attacks**

External Attacks

Internal but

EXTERNAL Attacks

Email



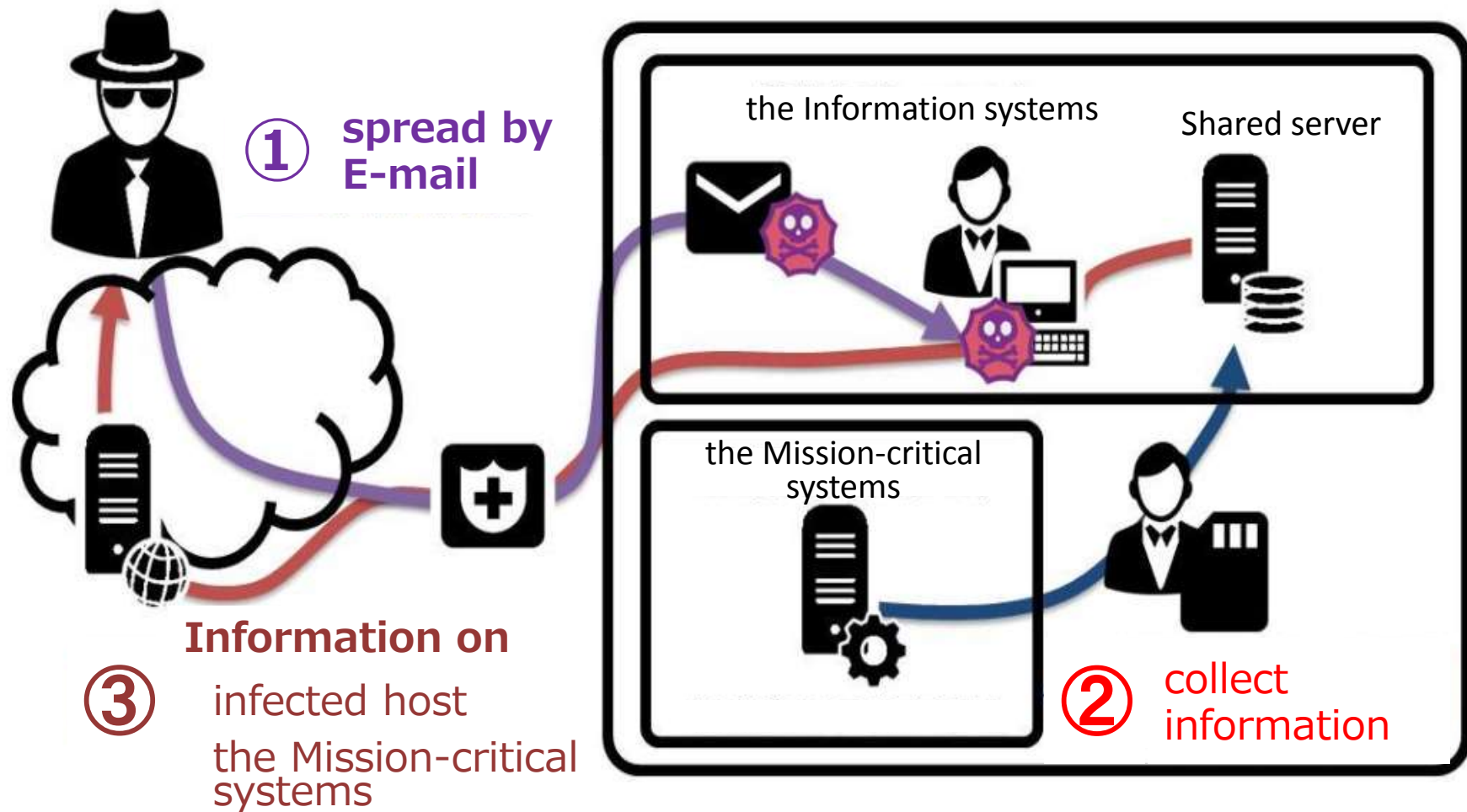
Software Updates



Browsing

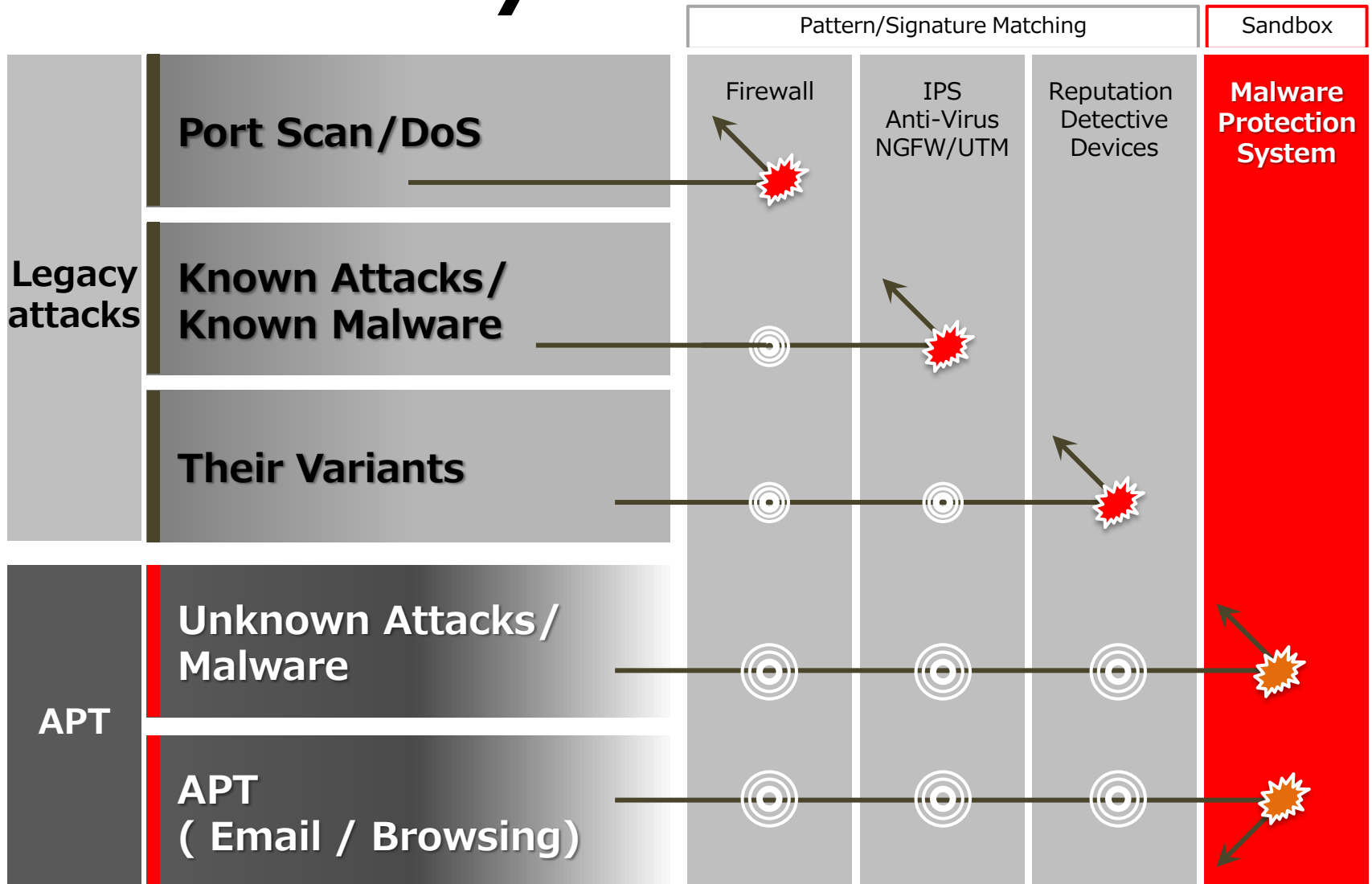


How APT (Advanced Persistent Threat) works



How to prevent in theory

Multi-layered Prevention



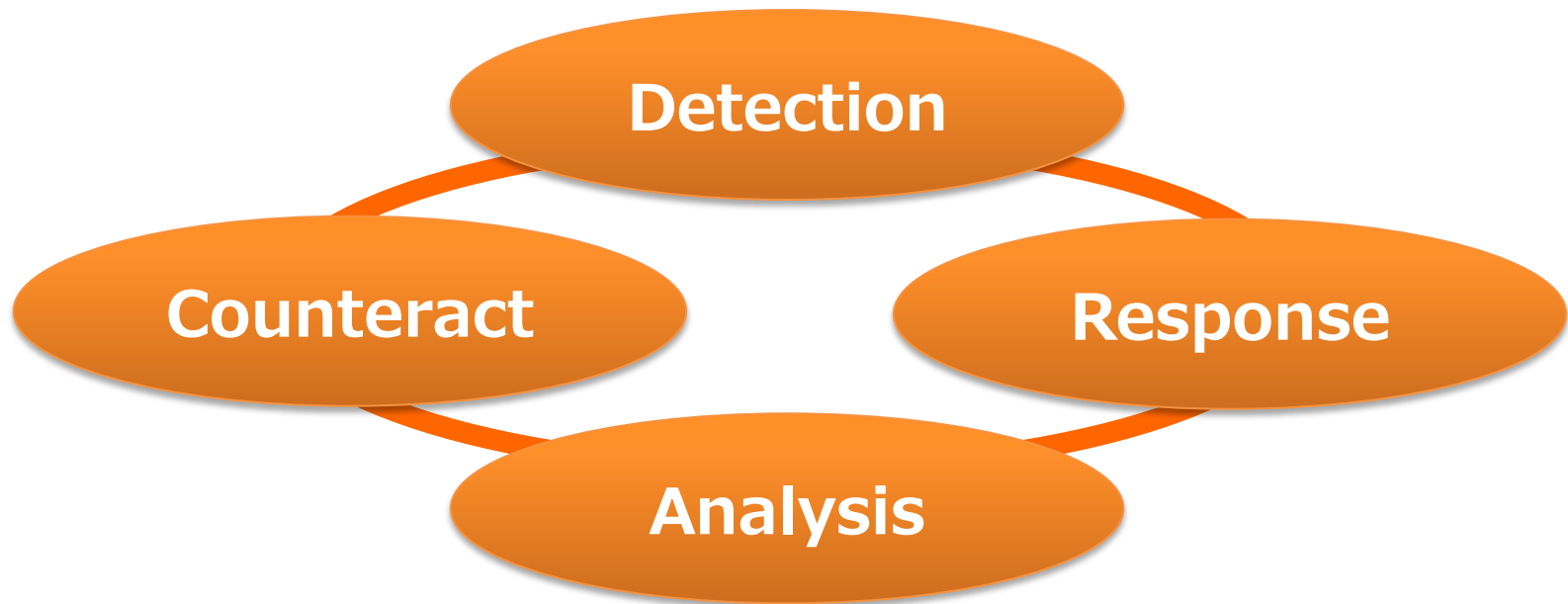
The fact

- ✓ **No perfect solution**
- ✓ **Takes great efforts and time to detect new attacks**
- ✓ **NEED EYES**

Cyber Security Capacity Building

Management
Layer

Technical
Experts



**Basic Knowledge/Understanding
about cyber security management**

ISO/IEC 27001

Risk

Vulnerability

Techniques

LAC-Co

(ラッコ/Sea Otter / 海獺)



THANK YOU
terima kasih

Ko Sasaki
global-biz@lac.co.jp

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Ko Sasaki
global-biz@lac.co.jp

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