



# Real-time detection, response and reporting automation of cybersecurity events and incidents

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Roman Cupka. Principal Consultant CEE



**Flowmon**

Driving Network Visibility

## Attack

- network access attack, DoS/DDoS attack...
- **not every attack become as an event / incident**

## Event

- honeypot, potential data leakage, TOR, potential spammer, DoS/DDoS, C&C, service outage...
- **not every event causes an incident**

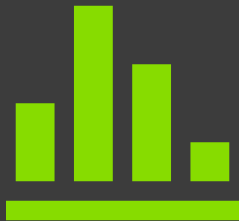
## Incident

- vulnerability, data exfiltration, DoS/DDoS, malware, botnet, unauthorized access...
- **combination of events can cause an incident**

# Real-time detection & response



45-250 days in average to detect an incident



Occurs when malfunction of critical service happened (NISD)



Occurs when sensitive or personal data breach (GDPR)



Detect attack, event or incident in real-time, analyze it in few minutes



Use automation processes for alerting & reporting (3<sup>rd</sup> parties integration – SIEM etc.)



Classify information automatically (based on manual data predefinition), immediate response

Finance

ISP/Telco

- High valuable service delivery
- Non outage IT operation
- Security (data protection)

Utility

Industry

- Interoperable IT/OT environment
- Non outage operation
- Security (IoT, Scada/ICS/DCS)

Government

- Investments into new advanced services (eGov, eHealth)
- Legal & Compliance EU requirements

PCI-DSS, eIDAS

ISA 62443, NIST 800-82

CSIRTs/CERTs

GDPR, NISD (ZKB)

Network Visibility, Management & Monitoring Systems (NMS)

# AGENTLESS & PASSIVE NMS BY FLOWMON

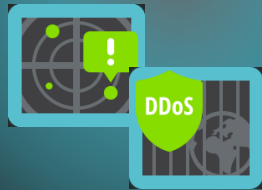
FLOW DATA COLLECTION

ALERTING & REPORTING

DATA ANALYSES (NETWORK, APPLICATIONS & SECURITY)

Security

Early Detection & Response



IT operation

Troubleshooting



IT operation & Security

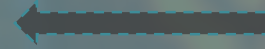
Forensics



Infrastructure

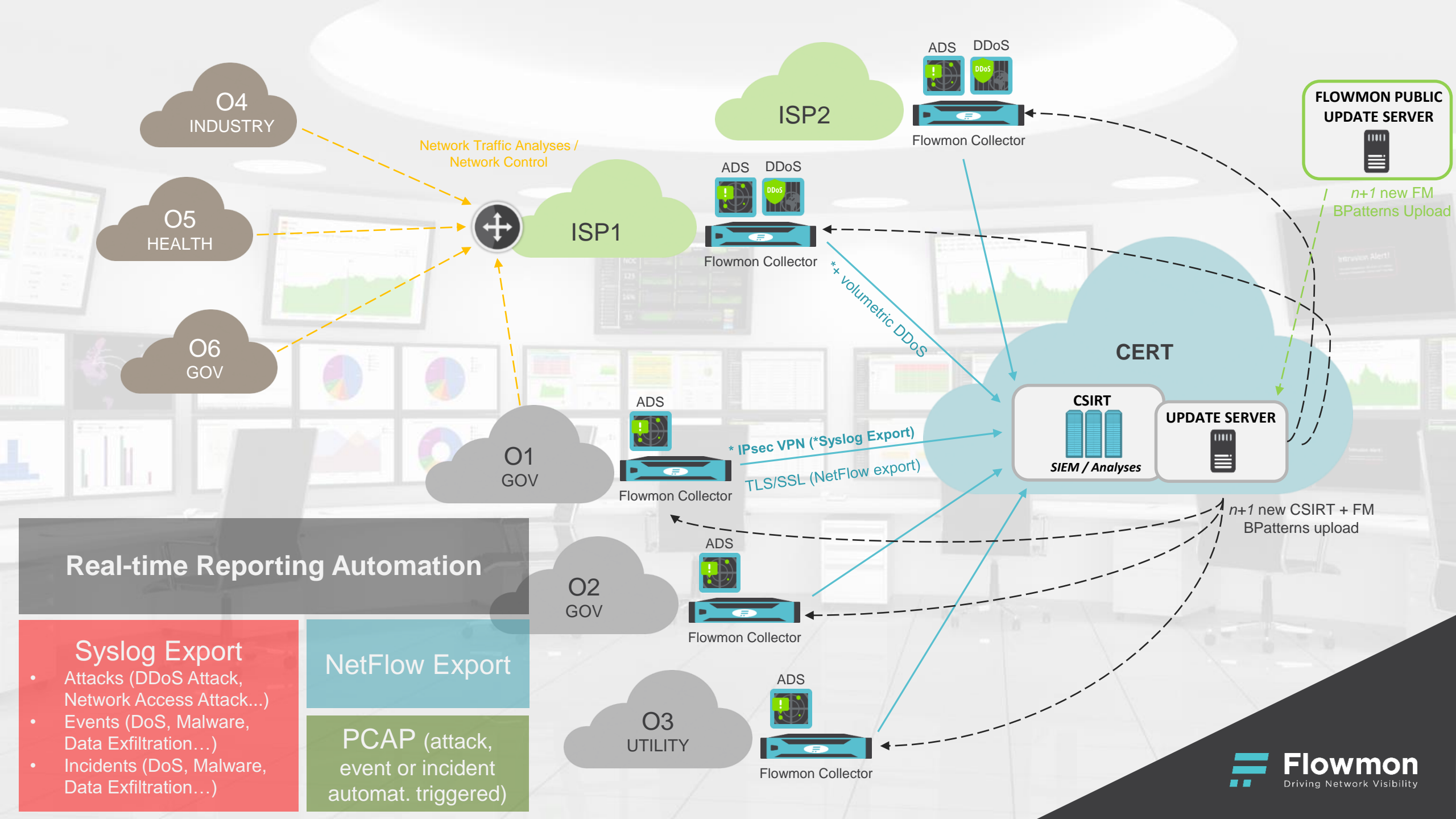


Collector



Probe





## Real-time Reporting Automation

### Syslog Export

- Attacks (DDoS Attack, Network Access Attack...)
- Events (DoS, Malware, Data Exfiltration...)
- Incidents (DoS, Malware, Data Exfiltration...)

### NetFlow Export

PCAP (attack, event or incident automat. triggered)



# Thank you

Performance monitoring, visibility and security  
with a single solution

Roman Cupka, Principal Consultant CEE

[Roman.cupka@flowmon.com](mailto:Roman.cupka@flowmon.com), +421 948 464 123

Flowmon Networks a.s.  
Sochorova 3232/34  
616 00 Brno, Czech Republic  
[www.flowmon.com](http://www.flowmon.com)



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