



The bridge to possible

# AI 驅動-新世代可視性網路

Public Sector & Service Provider

林文棋



# Agenda

1. AI era
2. Alops
3. Visibility
4. Automation
5. Copilot
6. Now is future
7. Q&A









少被罵  
工作輕鬆  
賺更多

# AIOps

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## AIOps的關鍵組成部分

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**數據收集：**AIOps從各種IT系統中收集數據，包括伺服器、網路、應用程式和資料庫。這些數據通常包括指標、日誌、事件和追蹤信息。

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**數據分析：**AIOps運用機器學習和模式識別技術來進行即時或接近即時的數據分析，有助於識別異常、模式和趨勢，揭示潛在問題或優化機會。

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**噪音減少：**AIOps的一個重要特性是能夠過濾掉不相關的數據或“噪音”，從而減少告警疲勞，使IT團隊能夠專注於關鍵問題。

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**事件關聯：**AIOps可以關聯相關的事件或事故，便於追蹤問題的根本原因，並提供更完整的視角，而不僅僅是孤立事件。

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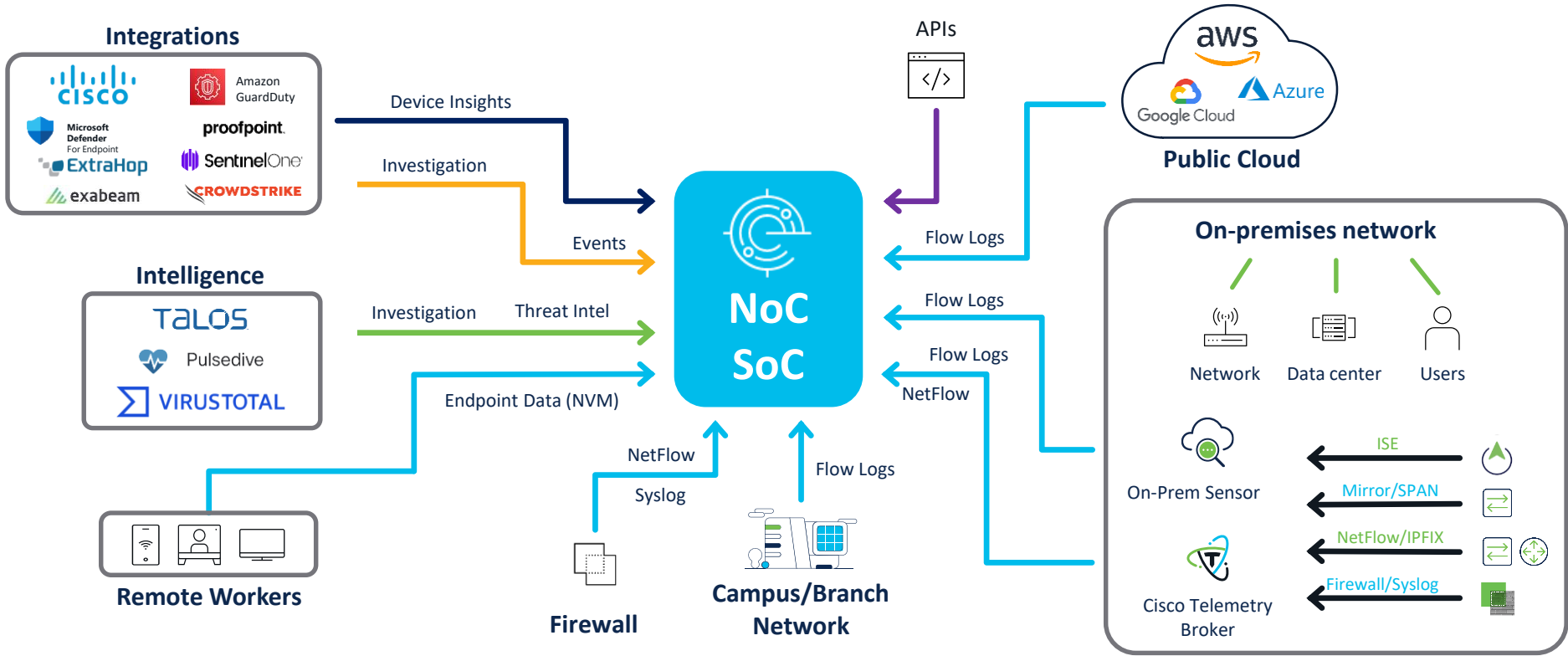
**自動化根本原因分析：**通過識別模式和異常，AIOps可以協助確定問題的根本原因。在某些情況下，它甚至可以自動推薦或啟動糾正措施。

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**預測分析：**AIOps通過分析歷史數據和趨勢，能夠預測潛在的故障或性能問題，使團隊可以採取預防措施。

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**自動化修復：**某些AIOps工具可以通過自動化腳本或工作流程自動解決常見問題，減少人工干預的需求。



# Visibility

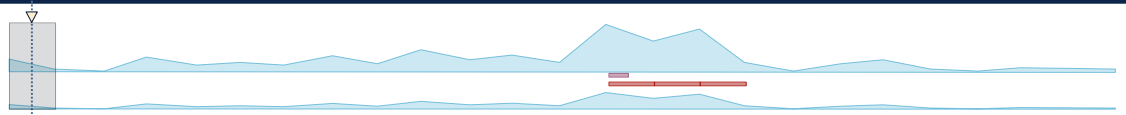


# Most Correlated Visibility In One View

Time Correlated

## App Experience

- Transaction scripting, page load



## HTTP/DNS/RTP Server

- HTTP Availability, response time, throughput



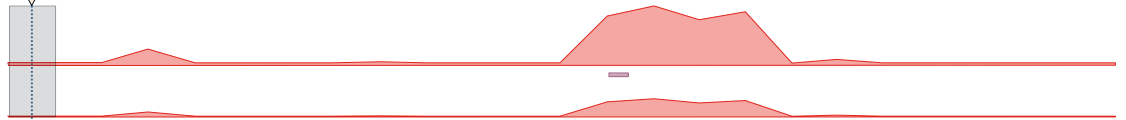
## Scope and Domain

- Geo, HTTP phase, errors



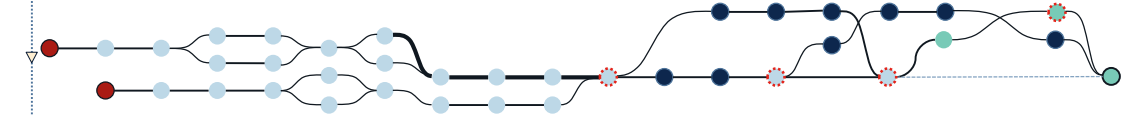
## Network Metrics

- Packet loss, latency, jitter



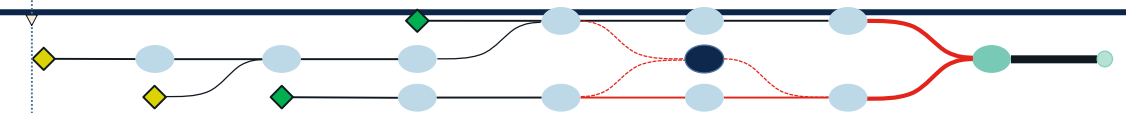
## Path Visualization

- Hop-by-hop; multi-point; bidirectional
- Metrics and data per hop
- Integrated Outage Detection

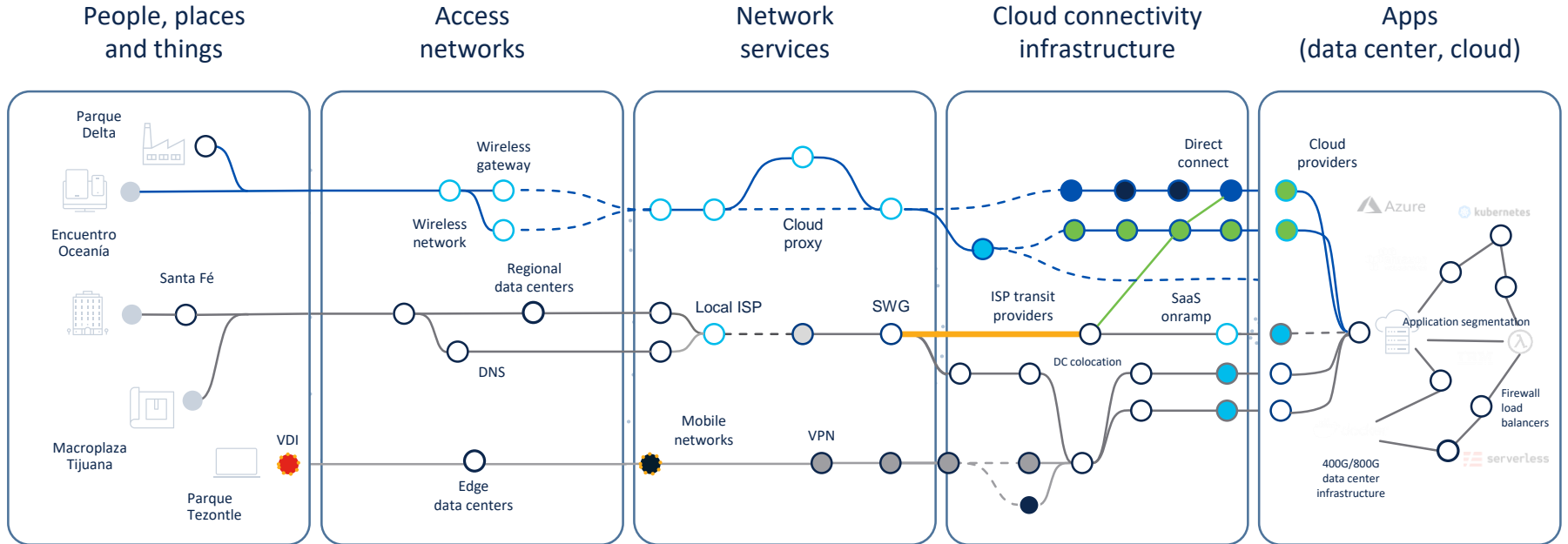


## BGP Monitoring

- Reachability, path changes, updates



# Cisco ThousandEyes value



# Agents



Enterprise Agent

Lightweight agent deployed to customer sites and data centre locations.



Cloud Agent

No installation required. 376 internet connected vantage points.



Endpoint Agent

Pushed to end user laptop or desktop.



Appliance



Microsoft Hyper-V



Powered by Linux



# Automation



# splunk®

## SOAR Services

Case Management

Orchestration

Add



EXECUTE ACTIONS

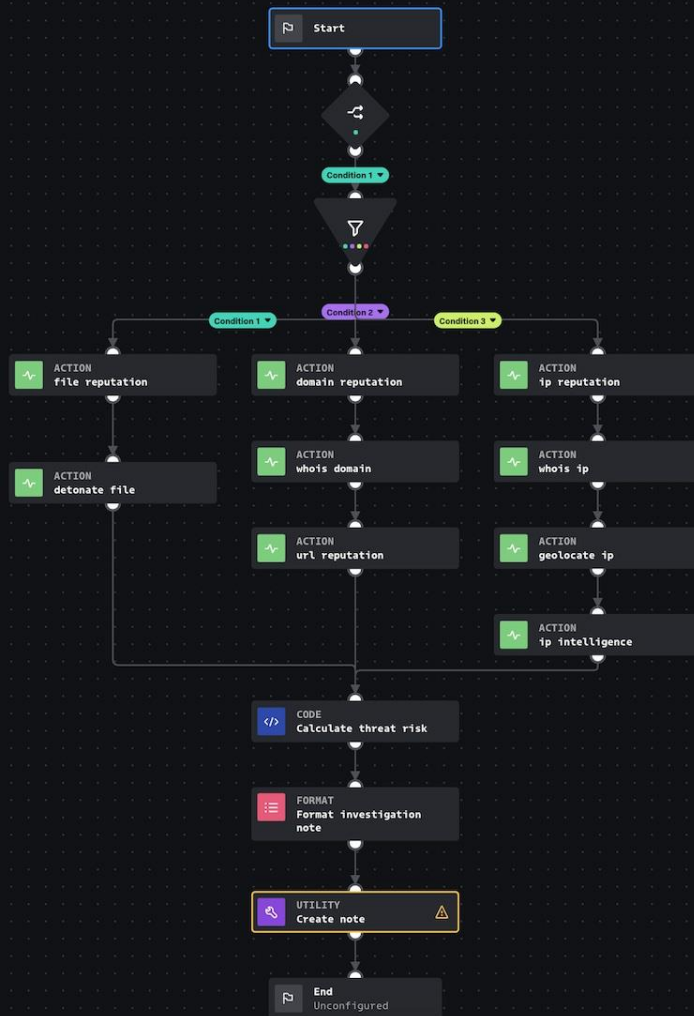
- Action
- Playbook
- Code
- Utility

PROCESS FILTERS

- Filter
- Decision
- Format

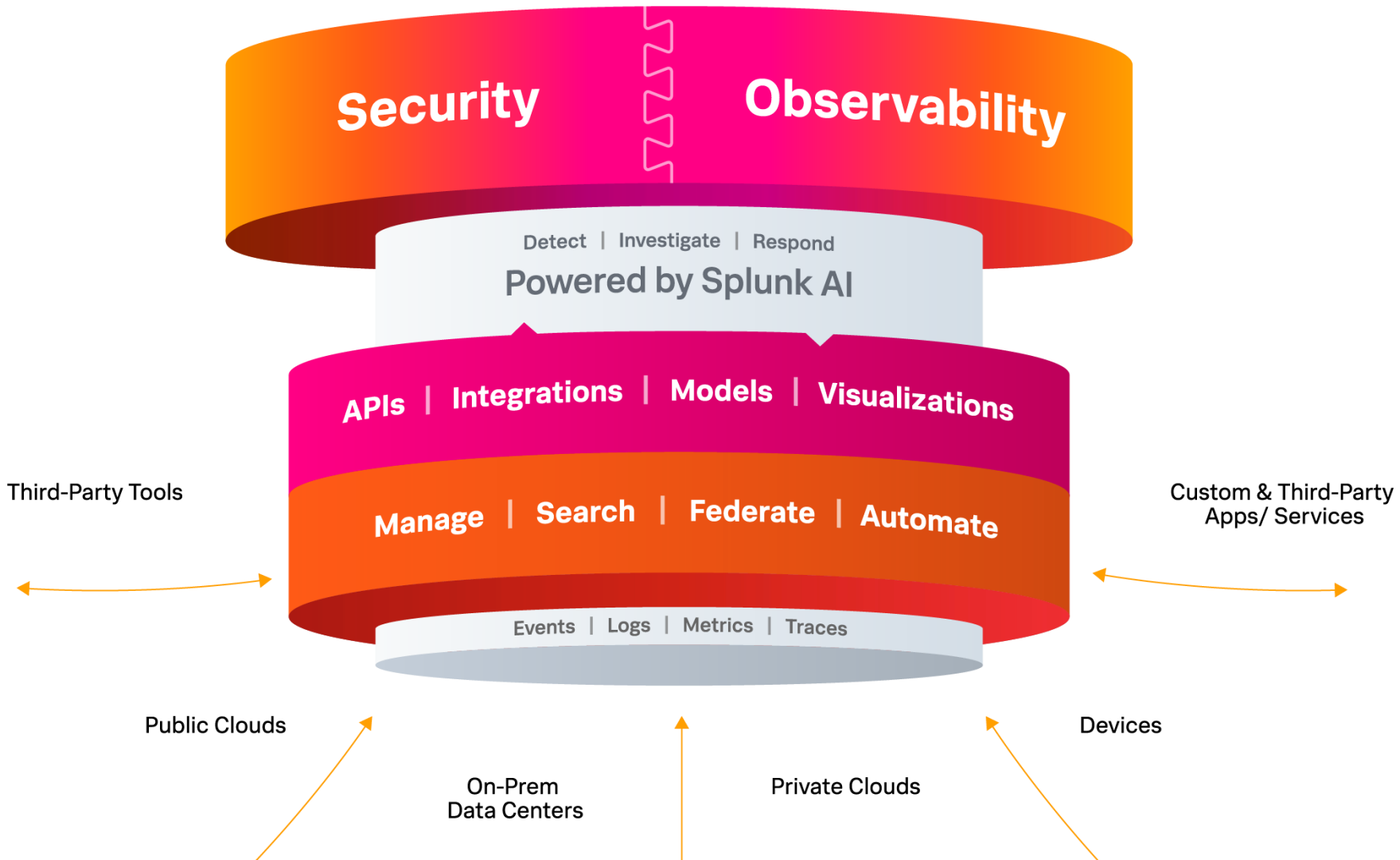
HUMAN INPUT

- Prompt





# Copilot





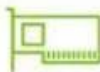
SIEM/SOAR



App Logs



Cloud Logs



NVIDIA BlueField



Converged Card



Preprocessing



Inference



Postprocessing

**NVIDIA MORPHEUS**

RAPIDS

Cyber Log Accelerators

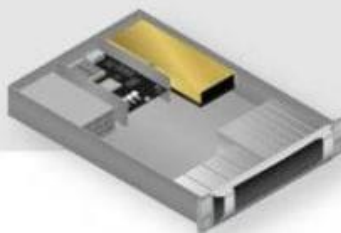
Triton Inference Server

Tensor RT

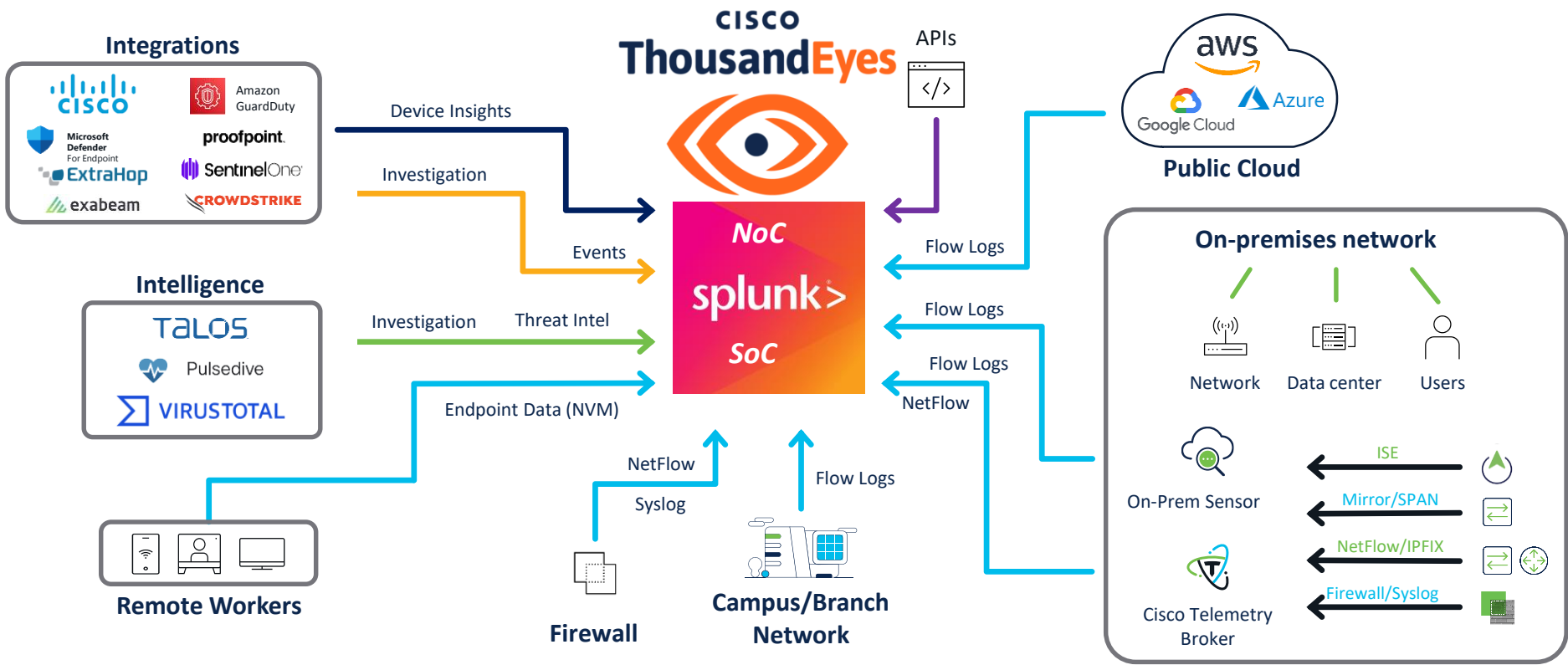


**Accelerated Servers**

**NVIDIA SmartNIC/DPU**  
Network and Infrastructure Acceleration



**NVIDIA GPU**  
Application Acceleration



# Now is future