

# OT 資安不再若有似無

Degas Tsao / 曹仁賢 / Security Consultant

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## OT無所不在







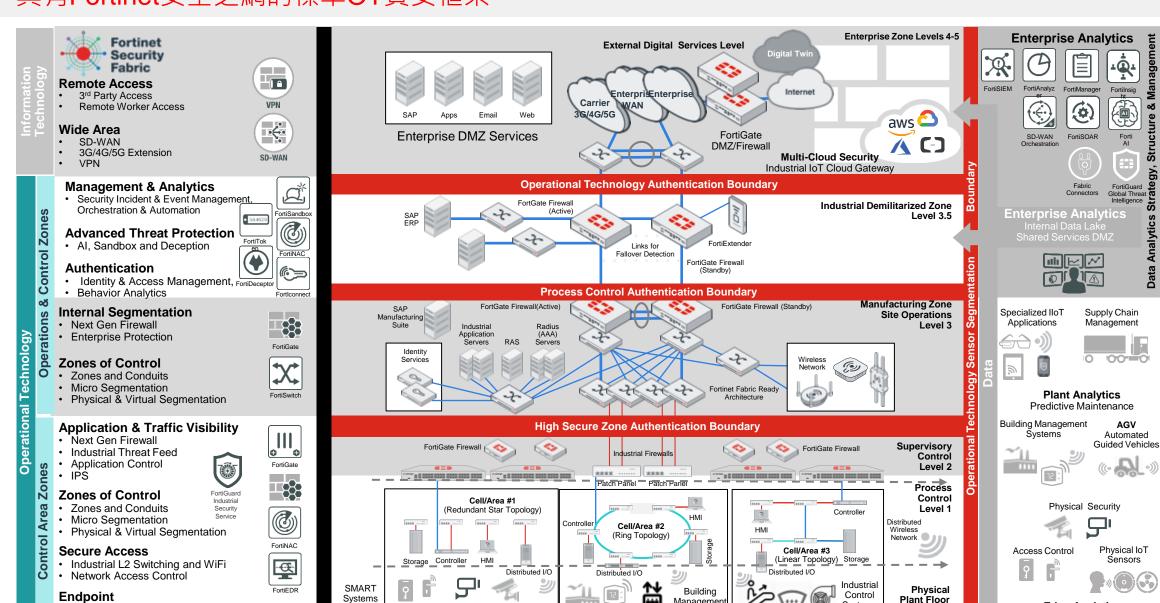


### 工控安全藍圖

Advanced Endpoint Detection and

Response

### 具有Fortinet安全之網的標準OT資安框架



Physical Security

Access Control

Managemen



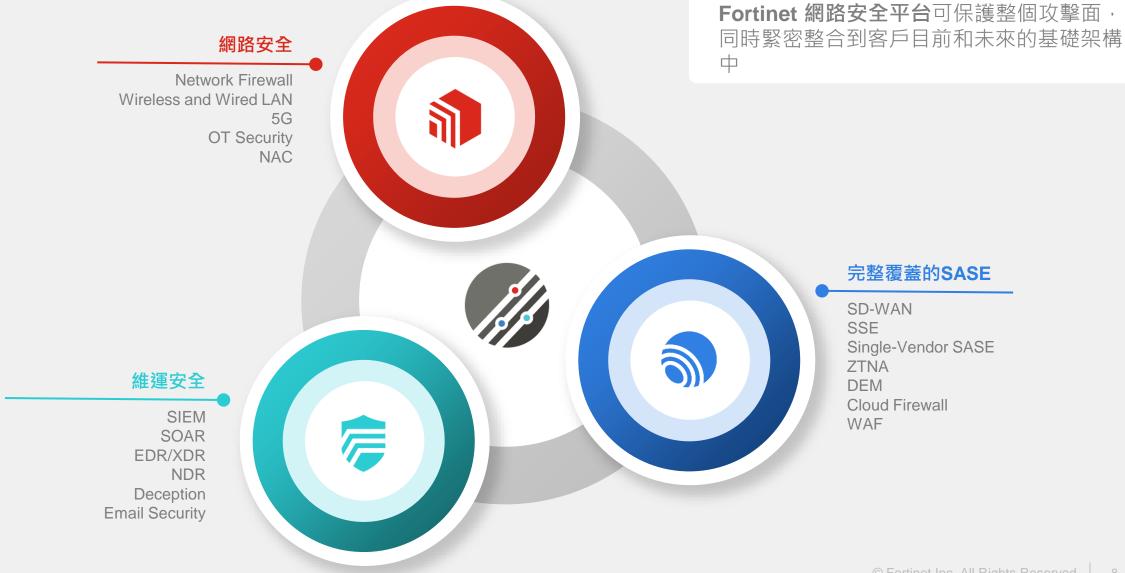
**Edge Analytics** 

(IoT Edge Devices)

Level 0

## 最廣的資訊安全平台

50+ 緊密整合的產品線





### Fortinet 安全織網願景

資訊安全無所不在

### 網路安全



融合安全和網路以保護 每個邊界和設備

### 完整覆蓋的SASE



保護任何地方的使用者和任何雲 端上的應用程式。

### AI驅動的安全維運



人工智慧驅動的安全操作,用於偵 測、調查和回應威脅



單一作業系統、單一協作和管理平面、合而為一的分析引擎、統一 端點代理程式和人工智慧驅動的安全服務



## 單一平台 -Fortinet安全織網





### 次世代防火牆到完整覆蓋的混合式防火牆



到 2026 年,超過 60% 的組織將部署不只一種類型的防火牆,這將促進混合覆蓋的防火牆採用。

Gartner, Magic Quadrant for Network Firewalls, Rajpreet Kaur, Adam Hils, Tom Lintemuth, December 2022.

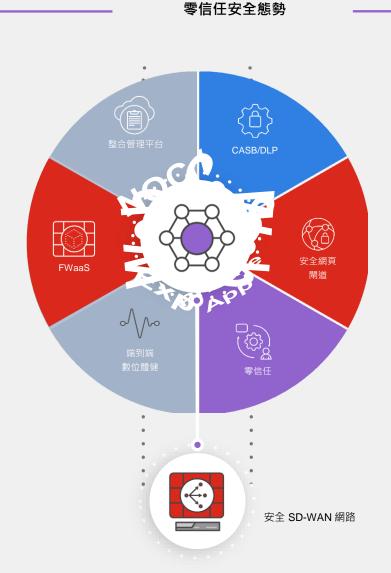


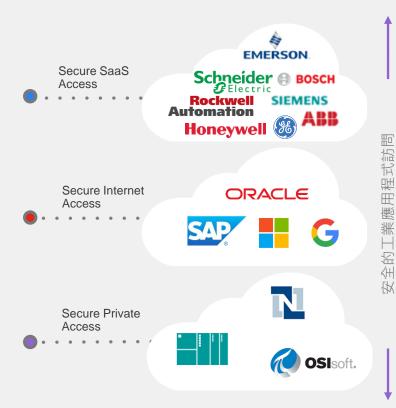
### 提供OT資產擁有者的完整覆蓋SASE



IT-OT 安全邊界之上的一致安全態勢

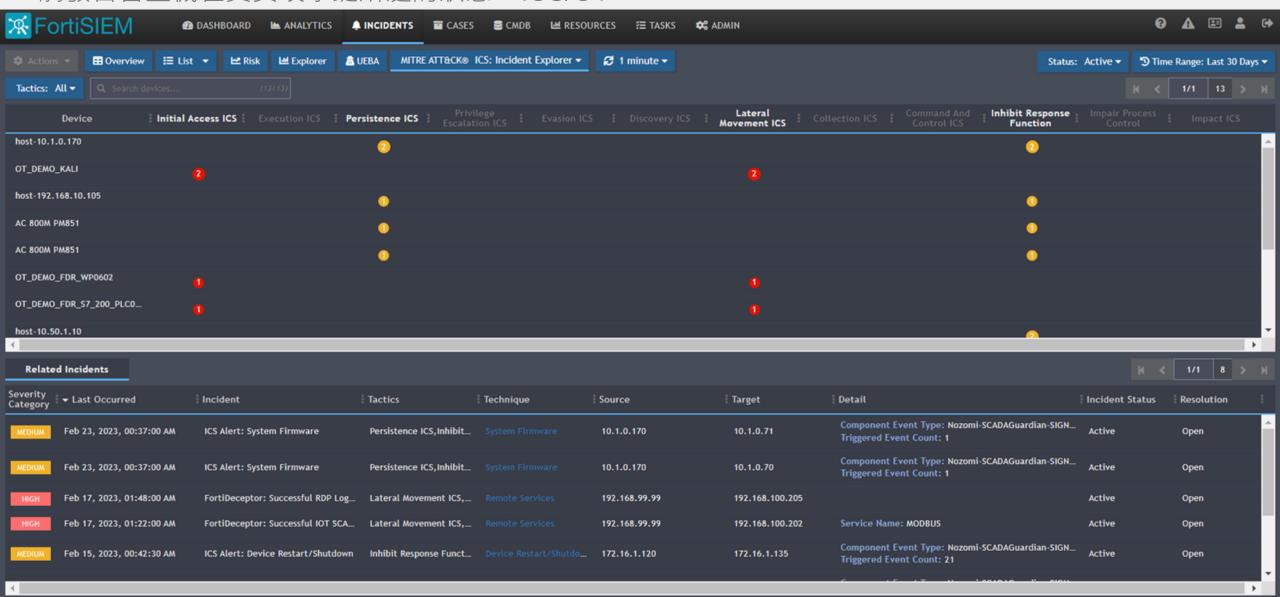






## MITRE ATT&CK (OT)資安對抗策略、手段告警圖

觸發告警主機在資安攻擊鏈所處的狀態 - ICS/OT



### FortiAl - FortiSIEM 關鍵應用案例



解釋日誌和事件、提供建 議操作、使用自然語言建 立豐富的查詢和報告等等...

分析此事件並告訴我要採取什麼行動

哪些封鎖活動將有助於遏止此事件?

建立過去 30 天內每個關鍵事件的事件報告

取得我的環境中最新的已知漏洞



### FortiAl for FortiSIEM

### 自然語言和選單驅動的互動可協助事件管理等





### 客戶和產業共享價值

- 近20年在OT領域
- 超過52,000個客戶
- 依行業建置的方案
- 全球,在地,雲端
- 產業別
  - 製造業
  - 能源/基礎建設
  - 石化/瓦斯
  - 水力/廢水
  - 運輸
  - 醫療
  - 智慧建築





18 Production Sites Globally, 180 Production Halls

### COMPELLING EVENT

- · Modernization of Security
- · Executive concerns about security effectiveness
- · OT Domain Expertise brought into Information Technology
- · Concerns of Operational Impact

### CUSTOMER NEEDS

- · Visibility, Auditability
- · Logical business need Segmentation, Physical Network
- · Complete network controls, Wired and Wireless
- · Ease of Configuration and Deployment
- · OT and IT Security Domain Expertise

- · Pre-sales consulting to alleviate customer concerns
- · Consulting toward people, process, cultural shifts
- · Assessment of existing environment · Solution Consulting to establish future vision
- · Executive Engagement
- · Customer engagement ensured systemic solution acceptance





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### Secure 20 Factories in 7 Countries

### **COMPELLING EVENT**

· Appliances / White goods global leader with HQ in Turkey

· Provide secure access across all production facilities https://www.fortinet.com/customers/galucho

- · Whitespace, former Check Point customer
- · Flat Network with no OT segmentation

### **CUSTOMER NEEDS**

- · Start securing the OT "Side of the House"
- · Willing to start with Visibility
- · Have a solid 360 Partner to secure their Digitization journey

### FORTINET SOLUTION

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- · Full Fortinet Security Fabric scope
- · OT Segmentation, Secured Remote Connectivity, Logging & Monitoring, and Visibility with Ecosystem partner Claroty · SD-WAN, Cloud, and EPP technology
- . FG 1100, 600, 400, and 100 with Enterprise Bundle to secure



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### A large hydropower project in Asia

Secure Hydropower Plant to protect the nation's power grid from cyber threats

- · A recent cyber assessment revealed security gaps in network segmentation and Intrusion Detection and Protection Systems
- · Increasingly connecting devices and applications elevating risk of cyber
- · Increasing ransomware attacks globally elevating management's

### CUSTOMER NEEDS

- · Improve visibility and security of network Implement user access management system to improve security
- · Improve IDS & IPS capabilities with functionalities such as central
- management, central log analysis and authentication

- FortiGate NGFW provides excellent performance while improving security segmentation, IDS and IPS with a unified platform.
- · NGFW's support of a huge library of OT protocols provide end-to-end visibility that further enhances the security. This greatly enhances the plant's security posture, collaboration and improves efficiency.
- Fortinet Security Fabric solutions: FortiSIEM, FortiManager and FortiToken enable enterprise dashboarding, management, and



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## Fortinet 是 IT/OT 安全平台導航領域2023年



## 的唯一領導者

## Fortinet OT 安全平台<mark>連續兩年</mark>被評為 Navigator Leader

"Fortinet is a leading IT and OT cybersecurity solutions provider to the industrial and critical infrastructure sectors, with a high customer base and strong coverage of all industrial verticals."

Westlands Advisory, Industrial Cybersecurity Outlook 2023-2030

