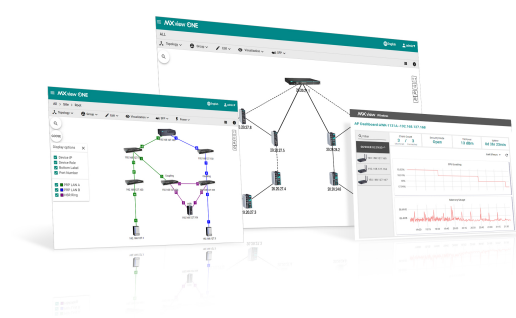


MXview One 系列

次世代工業網路管理平台



特色與優點

- 自動偵測與可視化網路裝置和實體連線
- 為 Moxa 設備集中管理配置和韌體
- 提供各種事件和通知模式，用戶可自訂臨界值和持續時間
- 提供 RESTful API 和網路小工具，可將 Mxview One 嵌入工業級應用程式
- 動態拓撲圖簡潔顯示無線網路狀態和連接變化¹
- 可視性、互動式漫遊回放功能，可檢視用戶端的漫遊歷史¹
- 個別 AP 與用戶端裝置之詳細裝置資訊與性能指示器圖表¹
- 透過視覺化的 PRP/HSR 網路拓撲與變電站封包流資訊，完整呈現 A/B LAN 冗餘狀態²
- GOOSE 訊息路徑追蹤，可實現快速且高效的故障排除²
- 根據需求，將防火牆政策配置並部署至路由器和防火牆³
- 排程或手動更新 IPS 模式與網路安全套件³
- 彙整後的網路安全事件與可自訂的即時通知³

簡介

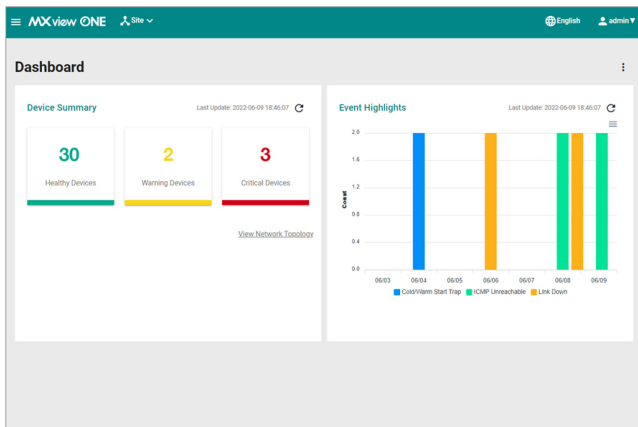
Moxa Mxview One 次世代網路管理軟體專為監視以及診斷工業網路之網路設計的裝置。Mxview One 提供整合管理平台，可發現安裝在子網路的網路裝置與 SNMP/IP 裝置。所有選取的網路元件皆可透過網頁瀏覽器，從本地端或經由遠端存取進行管理 — 隨時隨地，不受限制。

此外，MXview One 支援選配的 Mxview 無線¹，MXview Power²，與 MXview Security³附加模組。MXview Wireless 提供附加進階功能，供無線應用程式監控及排除網路故障，並最大程度協助縮短停機時間。MXview Power 針對基於 IEC 61850 的電力應用提供額外的進階功能，以即時監控變電站網路並進行故障排除。MXview Security 提供額外的進階功能以強化現場安全性，包括防火牆政策的集中管理與部署，以及網路安全套件的更新。

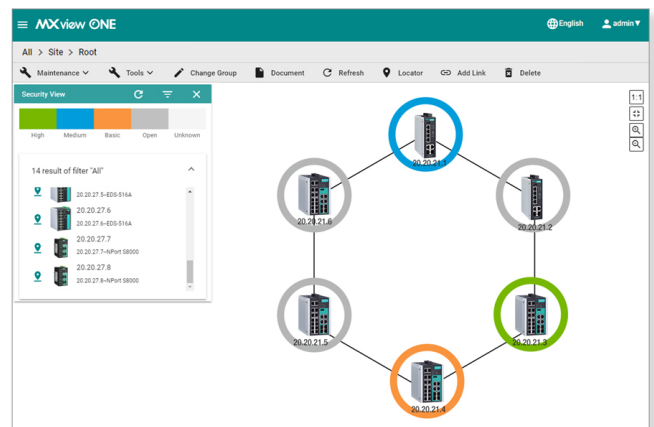
視覺化

- 發現掃描範圍內多達 2000 件 Moxa 裝置與 SNMP/ICMP 裝置
- 將冗餘網路狀態和網路冗餘協定的設備角色視覺化
- 顯示符合工業資安標準之網路裝備的安全狀態之安全檢視
- 網路管理儀表板可快速檢視網路狀態
- 使用色碼連結將網路流量負載視覺化
- 受管理 PoE 裝置電能消耗的視覺化
- 用於光纖檢查的 SFP 清單
- 無線裝置儀表板顯示 AP 與用戶端之間的動態關係、與無線裝置性能指標圖表¹
- 漫遊回放功能，可檢視客戶端漫遊歷史¹
- 符合 IEC-61850 標準，適用於電力應用的 PRP/HSR 視覺化功能²
- MMS 協定，可識別相關 IED 裝置²

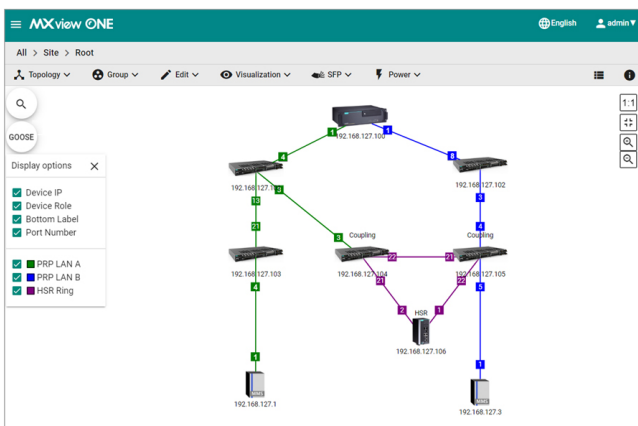
1. 此功能需要 Mxview 無線附加授權 (LIC-MXviewOne-ADD-WIRELESS-MR)，可個別購買。需要一個主動 Mxview One 授權用來啟用附加授權。
2. 此功能需要 MXview Power 附加授權 (LIC-MXviewOne-ADD-POWER-MR)，可個別購買。需要一個主動 Mxview One 授權用來啟用附加授權。
3. 此功能需要 MXview Security 附加授權 (LIC-MXviewOne-ADD-SECURITY-MR)，可個別購買。需要一個主動 Mxview One 授權用來啟用附加授權。



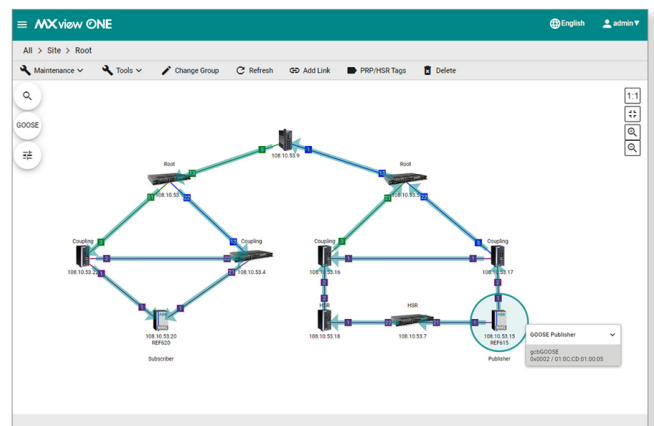
Main Dashboard



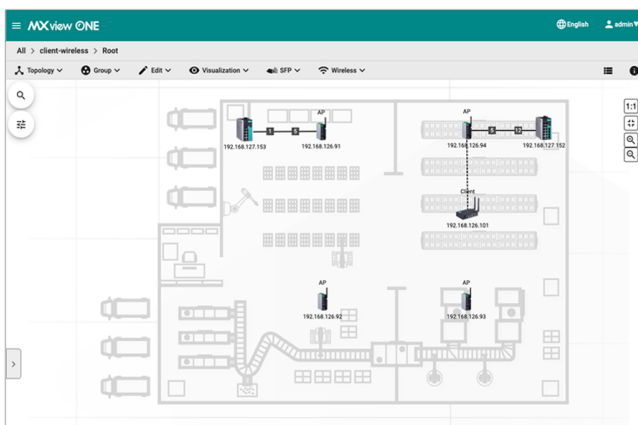
Security View



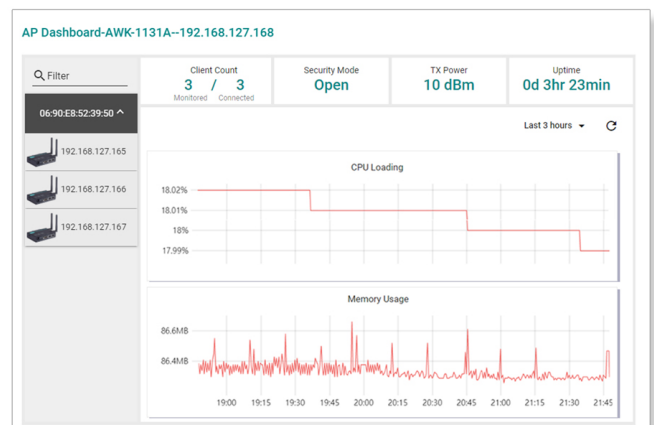
Power Redundancy Topology



GOOSE Message Visualization



Dynamic Topology



Device Dashboard

網路診斷與事件通知

- 使用 SNMP 陷阱/通知或定期輪詢即時偵測問題
- 產生趨勢圖表追蹤頻寬使用率，和錯誤封包速率統計資料，精確到小數點後四位
- 支援 Syslog 伺服器進行集中訊息管理

- 可配置的事件通知警報，透過電子郵件傳送
- 提供各種事件選項，用戶可自訂臨界值和持續時間
- 即時裝置適用性監控
- 提供 RESTful API 和網路小工具，可將 Mxview One 嵌入工業級應用程式

全面性報告

- 為網絡上每個裝置產出一個存貨報告
- 匯編全面性裝置屬性報告

集中配置與韌體管理

- 透過單一平台管理裝置韌體
- 一鍵就能備份多部裝置的配置及整體 Mxview One 資料庫，包含拓撲、任務排程、事件與裝置屬性
- 設定定期備份配置
- 儲存配置變更歷史
- 核對兩項配置之差異的比較工具

彈性授權

- 根據需求提供授權以增加監控節點上限
- 可選購 MXview Wireless、MXview Power 及 MXview Security 附加授權以啟用進階功能

裝置大量配置

- 執行 CLI 指令碼並配置可自訂的自動化按鈕
- 裝置管理功能具備快速存取按鈕，可輕鬆對裝置執行特定動作

帳戶和密碼管理

- 檢視裝置帳戶、執行帳戶與預設密碼稽核，並針對特定裝置建立暫時性帳戶
- 手動或透過自動排程，對多個選取的 Moxa 裝置產生並套用隨機密碼

庫存管理

- 顯示 Moxa 裝置的保固資訊，並配置保固到期通知
- 未授權裝置偵測，以識別目前拓撲中未包含的已連線裝置

上行介面整合

- 作為 OPC UA 伺服器，將資訊傳輸至 OPC 用戶端
- Syslog 轉送功能，可將 Syslog 事件傳送至使用者指定的伺服器

規格

Hardware Requirements

CPU	Quad-core CPU or better
RAM	16 GB or higher
Hardware Disk Space	1 TB SSD or higher
OS	Windows 10 (64-bit) Windows 11 (64-bit) Windows Server 2016 (64-bit) Windows Server 2019 (64-bit) Windows Server 2022 (64-bit) Linux Ubuntu 18.04 Linux Ubuntu 20.04 Linux Ubuntu 22.04

Management

Supported Interfaces	SNMPv1/v2c/v3 and ICMP
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Supported Devices

AWK Products	AWK-1121 Series (v1.4 or higher) AWK-1127 Series (v1.4 or higher) AWK-1131A Series (v1.11 or higher) AWK-1137C Series (v1.1 or higher) AWK-1151C Series (v2.0 or higher) AWK-1161A Series (v1.0 or higher) AWK-1161C Series (v1.0 or higher) AWK-1165A Series (v1.0 or higher) AWK-1165C Series (v1.0 or higher) AWK-3121 Series (v1.6 or higher) AWK-3131 Series (v1.1 or higher) AWK-3131A Series (v1.3 or higher) AWK-3131A-M12-RTG Series (v1.8 or higher) AWK-3252A Series (v2.0 or higher) AWK-3262A Series (v1.1 or higher) AWK-4121 Series (v1.6 or higher) AWK-4131 Series (v1.1 or higher) AWK-4131A Series (v1.3 or higher) AWK-4252A Series (v2.0 or higher) AWK-4262A Series (v1.1 or higher)
DA Products	DA-820C Series (v1.0 or higher) DA-682C Series (v1.0 or higher) DA-681C Series (v1.0 or higher) DA-720 Series (v1.0 or higher) DA-820E Series (v1.0 or higher)
EDF Products	EDF-G1002-BP Series (v3.10 or higher)
EDR Products	EDR-G903 Series (v2.1 or higher) EDR-G902 Series (v1.0 or higher) EDR-810 Series (v3.2 or higher) EDR-8010 Series (v3.1 or higher) EDR-G9004 Series (v3.10 or higher) EDR-G9010 Series (v1.0 or higher)
EDS Products	EDS-405A/408A Series (v2.6 or higher) EDS-405A/408A-EIP Series (v3.0 or higher) EDS-405A/408A-PN Series (v3.1 or higher) EDS-405A-PTP Series (v3.3 or higher) EDS-505A/508A/516A Series (v2.6 or higher) EDS-510A Series (v2.6 or higher) EDS-518A Series (v2.6 or higher) EDS-510E/518E Series (v4.0 or higher) EDS-528E Series (v5.0 or higher) EDS-G508E/G512E/G516E Series (v4.0 or higher) EDS-G512E-8PoE Series (v4.0 or higher) EDS-608/611/616/619 Series (v1.1 or higher) EDS-728 Series (v2.6 or higher) EDS-828 Series (v2.6 or higher) EDS-G509 Series (v2.6 or higher) EDS-P510 Series (v2.6 or higher) EDS-P510A-8PoE Series (v3.1 or higher) EDS-P506A-4PoE Series (v2.6 or higher) EDS-P506 Series (v5.5 or higher) EDS-4008 Series (v2.2 or higher) EDS-4009 Series (v2.2 or higher) EDS-4012 Series (v2.2 or higher) EDS-4014 Series (v2.2 or higher) EDS-G4008 Series (v2.2 or higher) EDS-G4012 Series (v2.2 or higher) EDS-G4014 Series (v2.2 or higher)
EOM Products	EOM-104/104-FO Series (v1.2 or higher)
ICS Products	ICS-G7526/G7528 Series (v1.0 or higher) ICS-G7826/G7828 Series (v1.1 or higher) ICS-G7748/G7750/G7752 Series (v1.2 or higher) ICS-G7848/G7850/G7852 Series (v1.2 or higher) ICS-G7526A/G7528A Series (v4.0 or higher) ICS-G7826A/G7828A Series (v4.0 or higher) ICS-G7748A/G7750A/G7752A Series (v4.0 or higher)

	ICS-G7848A/G7850A/G7852A Series (v4.0 or higher)
IEX Products	IEX-402-SHDSL Series (v1.0 or higher) IEX-402-VDSL2 Series (v1.0 or higher) IEX-408E-2VDSL2 Series (v4.0 or higher)
IKS Products	IKS-6524/6526 Series (v2.6 or higher) IKS-G6524 Series (v1.0 or higher) IKS-G6824 Series (v1.1 or higher) IKS-6726A/6728A Series (v4.0 or higher) IKS-G6524A Series (v4.0 or higher) IKS-G6824A Series (v4.0 or higher) IKS-6728A-8PoE Series (v4.0 or higher)
ioLogik Products	ioLogik E1210 Series (v3.4 or higher) ioLogik E1211 Series (v3.4 or higher) ioLogik E1212 Series (v3.4 or higher) ioLogik E2210 Series (v3.7 or higher) ioLogik E2212 Series (v3.7 or higher) ioLogik E2214 Series (v3.7 or higher) ioLogik E2240 Series (v3.7 or higher) ioLogik E2242 Series (v3.7 or higher) ioLogik E2260 Series (v3.7 or higher) ioLogik E2262 Series (v3.7 or higher) ioLogik W5312 Series (v1.7 or higher) ioLogik W5340 Series (v1.8 or higher)
ioThinX Products	ioThinX 4510 Series (v1.3 or higher)
MC Products	MC-7400 Series (v1.0 or higher)
MDS Products	MDS-G4012 Series (v1.0 or higher) MDS-G4020 Series (v1.0 or higher) MDS-G4028 Series (v1.0 or higher) MDS-G4012-L3 Series (v2.0 or higher) MDS-G4020-L3 Series (v2.0 or higher) MDS-G4028-L3 Series (v2.0 or higher) MDS-G4012-4XGS Series (v3.0 or higher) MDS-G4020-4XGS Series (v3.0 or higher) MDS-G4028-4XGS Series (v3.0 or higher) MDS-G4012-L3-4XGS Series (v3.0 or higher) MDS-G4020-L3-4XGS Series (v3.0 or higher) MDS-G4028-L3-4XGS Series (v3.0 or higher)
MGate Products	MGate MB3170/MB3270 Series (v4.2 or higher) MGate MB3180 Series (v2.2 or higher) MGate MB3280 Series (v4.1 or higher) MGate MB3480 Series (v3.2 or higher) MGate MB3660 Series (v2.5 or higher) MGate MB3170-G2 Series (v1.0 or higher) MGate MB3270-G2 Series (v1.0 or higher) MGate MB3470-G2 Series (v1.0 or higher) MGate 5101-PBM-MN Series (v2.2 or higher) MGate 5102-PBM-PN Series (v2.3 or higher) MGate 5103 Series (v2.2 or higher) MGate 5105-MB-EIP Series (v4.3 or higher) MGate 5109 Series (v2.3 or higher) MGate 5111 Series (v1.3 or higher) MGate 5114 Series (v1.3 or higher) MGate 5118 Series (v2.2 or higher) MGate 5119 Series (v1.0 or higher) MGate 5121 Series (v1.0 or higher) MGate 5122 Series (v1.0 or higher) MGate 5123 Series (v1.0 or higher) MGate 5134 Series (v1.0 or higher) MGate 5135/5435 Series (v1.0 or higher) MGate 5192 Series (v1.0 or higher) MGate W5108/W5208 Series (v2.4 or higher) MGate 5216 Series (v1.0 or higher) MGate 5217I Series (v1.0 or higher)
MRX Products	MRX-G4064 Series (v1.0 or higher)

	MRX-Q4064 Series (v1.0 or higher)
NAT Products	NAT-102 Series (v3.15 or higher) NAT-108 Series (v3.16 or higher)
NPort Products	NPort S8455 Series (v1.3 or higher) NPort S8458 Series (v1.3 or higher) NPort 5110 Series (v2.10 or higher) NPort 5130/5150 Series (v3.9 or higher) NPort 5200 Series (v2.12 or higher) NPort 5100A Series (v1.6 or higher) NPort P5150A Series (v1.6 or higher) NPort 5200A Series (v1.6 or higher) NPort 5400 Series (v3.14 or higher) NPort 5600 Series (v3.10 or higher) NPort 5610-8-DT/5610-8-DT-J/5650-8-DT/5650I-8-DT/5650-8-DT-J Series (v2.7 or higher) NPort 5610-8-DTL/5650-8-DTL/5650I-8-DTL Series (v1.6 or higher) NPort IA5000 Series (v1.7 or higher) NPort IA5150A/IA5150AI/IA5250A/IA5250AI Series (v1.5 or higher) NPort IA5450A/IA5450AI Series (v2.0 or higher) NPort IA5150-G2 Series (v1.0 or higher) NPort IA5250-G2 Series (v1.0 or higher) NPort IA5450-G2 Series (v1.0 or higher) NPort 6000 Series (v1.21 or higher) NPort 6100-G2 Series (v1.0.0 or higher) NPort 6200-G2 Series (v1.0.0 or higher) NPort 6450-G2 Series (v1.1 or higher) NPort 6650-G2 Series (v1.1 or higher) NPort 5000AI-M12 Series (v1.5 or higher)
OnCell Products	OnCell G4302-LTE4 Series (v2.5 or higher) OnCell G4308-LTE4 Series (v3.18.0 or higher)
PT Products	PT-7528 Series (v3.0 or higher) PT-7710 Series (v1.2 or higher) PT-7728 Series (v2.6 or higher) PT-7828 Series (v2.6 or higher) PT-508/510 Series (v3.0 or higher) PT-G503-PHR-PTP Series (v4.0 or higher) PT-G510 Series (v6.4 or higher) PT-G7728 Series (v5.3 or higher) PT-G7828 Series (v5.3 or higher)
RKS Products	RKS-G4028 Series (v3.0 or higher)
SDS Products	SDS-3006 Series (v3.0 or higher) SDS-3008 Series (v2.1 or higher) SDS-3010 Series (v3.0 or higher) SDS-3016 Series (v2.1 or higher) SDS-G3006 Series (v3.0 or higher) SDS-G3008 Series (v3.0 or higher) SDS-G3010 Series (v3.0 or higher) SDS-G3016 Series (v3.0 or higher)
TAP Products	TAP-213 Series (v1.2 or higher) TAP-323 Series (v1.8 or higher) TAP-6226 Series (v1.8 or higher) TAP-M310R Series (v1.0 or higher)
TN Products	TN-4908 Full FE/FE+GbE Series (v3.4 or higher) TN-4908 Full GbE Series (v1.2 or higher) TN-4916-12 FE Series (v3.4 or higher) TN-4916-8PoE Series (v1.2 or higher) TN-4512A Series (v3.10 or higher) TN-4516A Series (v3.6 or higher) TN-4516A PoE Series (v3.6 or higher) TN-4520A PoE Series (v3.10 or higher) TN-4524A PoE Series (v3.6 or higher) TN-4528A PoE Series (v3.8 or higher) TN-4500B Series (v1.0 or higher) TN-G4516 PoE Series (v5.0 or higher)

	TN-G6512 PoE Series (v5.2 or higher) TN-5508A/5510A Series (v3.8 or higher) TN-5516A/5518A Series (v3.8 or higher) TN-5508A/5510A PoE Series (v3.8 or higher) TN-5516A/5518A PoE Series (v3.8 or higher)
UC Products	UC-2101-LX Series (v1.7 or higher) UC-2102-LX Series (v1.7 or higher) UC-2104-LX Series (v1.7 or higher) UC-2111-LX Series (v1.7 or higher) UC-2112-LX Series (v1.7 or higher) UC-2112-T-LX Series (v1.7 or higher) UC-2114-T-LX Series (v1.7 or higher) UC-2116-T-LX Series (v1.7 or higher) UC-1222A Series (v1.0 or higher) UC-2222A Series (v1.0 or higher) UC-3400A Series (v1.0 or higher) UC-4400A Series (v1.0 or higher) UC-8200 Series with Moxa Industrial Linux 3 (MIL 3) (v1.1 or higher)
V Products	V2406C Series (v1.0 or higher) V3200 Series (MIL3 v1.0 or higher) V3400 Series (MIL3 v1.0 or higher)
VPort Products	VPort 26A-1MP Series (v1.2 or higher) VPort 36-1MP Series (v1.1 or higher) VPort P06-1MP-M12 Series (v2.2 or higher)
WAC Products	WAC-1001 Series (v2.1 or higher) WAC-2004 Series (v1.6 or higher) WAC-M300 Series (v1.0 or higher)
For MXview Wireless	AWK-1131A Series (v1.22 or higher) AWK-1137C Series (v1.6 or higher) AWK-1151C Series (v2.0 or higher) AWK-1161A Series (v1.0 or higher) AWK-1161C Series (v1.0 or higher) AWK-1165A Series (v1.0 or higher) AWK-1165C Series (v1.0 or higher) AWK-3252A Series (v2.0 or higher) AWK-3131A Series (v1.16 or higher) AWK-3262A Series (v1.1 or higher) AWK-4131A Series (v1.16 or higher) AWK-4252A Series (v2.0 or higher) AWK-4262A Series (v1.1 or higher) Note: To use advanced wireless functions in MXview Wireless, the device must be in one of the following operation modes: AP, Client, Client-Router.
For MXview Power	Supports PRP/HSR only: PT-G503 Series (v5.1 or higher) PT-G510 Series (v6.4 or higher) DA-820C Series with DN-PRP-HSR-I210 or DA-PRP-HSR-I210 (OS Windows 10 or higher) Supports PRP/HSR and GOOSE Check: PT-G7728/G7828 with LM-7000H-2GPHR module (v6.2 or higher) MDS-G4000-L2 Series with LM-7000H-2GPHR module (v5.0 or higher)
For MXview Security	EDR-8010 Series (v3.0 or higher) EDR-G9010 Series (v3.0 or higher) EDR-G9004 Series (v3.10.0 or higher) EDF-G1002 Series (v3.10.0 or higher) TN-4900 Series (v3.0 or higher)
Package Contents	
Number of Supported Nodes	Up to 2000 (may require purchase of expansion licenses)

訂購資訊

Model Name	License Types	No. of Supported Nodes/ Points°	Add-on Service	License Term
LIC-MXviewOne-NEW-XN-SR	MXview One node license	Customizable° (Can be used to expand node count)	–	Permanent
LIC-MXviewOne-ADD-POWER-MR	MXview Power add-on license	–	MXview Power	Permanent
LIC-MXviewOne-ADD-WIRELESS- MR	MXview Wireless add-on license	–	MXview Wireless	Permanent
LIC-MXviewOne-ADD-SECURITY- MR	MXview Security add-on license	–	MXview Security	Permanent
LIC-IPS-MGMT-[X]Point-SR	IPS License* (Need to activate MXview Security first)	Customizable (minimum 365 points)	–	Based on license point total and daily point usage

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