

智慧能源 & 生產監控平台



能源管理
Energy management



電力消耗
Power consumption



碳排放量
Carbon emissions



資訊可視
Data visualization



資料分析
Data analysis

主要特點 Main Features

❖ 廠域監控

Plant monitoring

一覽廠區內所有設備概況、生產計畫、完成進度、能耗與碳排等資訊，即時呈現各項關鍵指標狀態與監控畫面，協助管理者快速掌握整體營運狀況。

Real-time visualization of plant equipment, production plans, progress, energy use, and carbon emissions — helping managers stay on top of overall operations.

❖ 效率提升

Efficiency improvement

建立生產流程的數位化檢測設備，透過資料數位化達成數據零錯誤與資訊即時更新，確保系統安全、準確且反應迅速。

Build digital inspection systems for production processes to achieve error-free data and real-time updates — secure, accurate, and fast.

❖ 儲能碳排

Energy storage &
Carbon emissions

將設備生產能耗、批量產品能耗、碳排情況與儲能系統等資訊數位化，並進行即時資料收集與監控，協助提升能源管理效率與決策即時性。

Real-time digital monitoring of equipment energy use, batch production energy data, carbon emissions, and energy storage systems — improving energy efficiency and faster decision-making.

❖ ERP結合

ERP Integration

根據 ERP 系統派單，將產品製令分配至指定設備，作為當前或下一階段的生產計畫，並可匯出生產相關資訊。

Based on ERP work orders, production tasks are assigned to designated equipment as the current or next production plan, with production data available for export.

解決方案 Solution

整合電力計、儲能系統與伺服器，打造智慧化能源管理與碳排監控平台，即時掌握廠區運作與能源效益，協助企業邁向低碳永續的智慧製造。

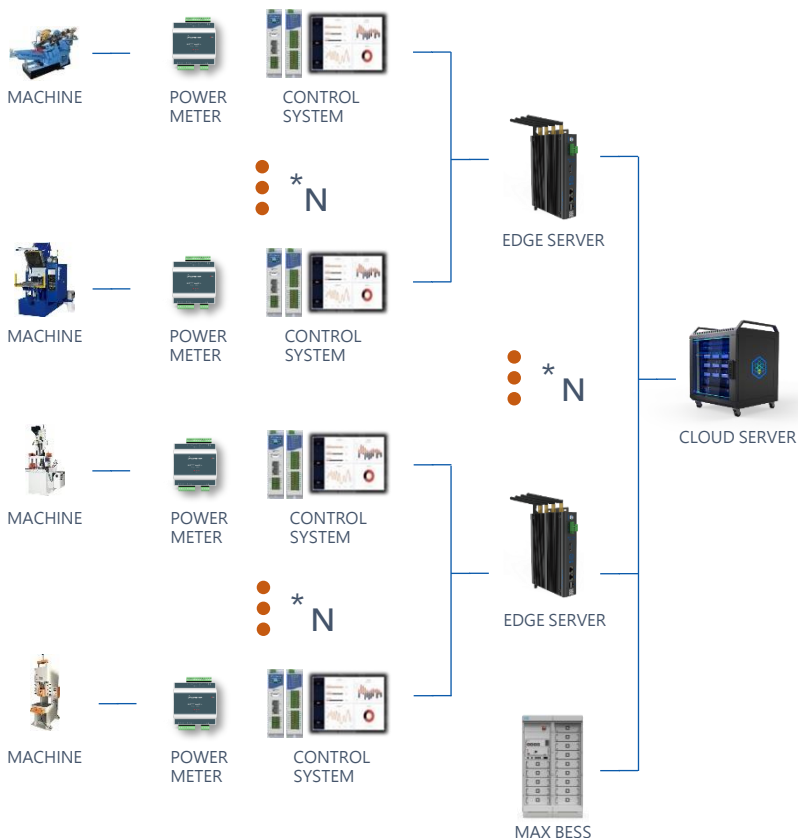
An integrated platform combining power meters, energy storage, and servers for smart energy management and carbon monitoring — enabling real-time visibility of plant operations and driving low-carbon, sustainable manufacturing.

❖ 應用產業

Application Industries

可協助傳統製造設備數位轉型，廣泛應用於螺絲、橡塑膠、金屬加工等產業，加速企業自動化、智慧化與 ESG 發展，打造高效、永續的智慧工廠。

Enabling digital transformation for traditional manufacturing, this solution is widely used in screw, plastics, and metal industries — accelerating automation, smart manufacturing, and ESG goals to build efficient and sustainable smart factories.



❖ AI監控

AI Monitoring

資訊一目了然，快速掌握關鍵數據，即時監控並有效管理。

Clear visualization of information for quick grasp of key data, enabling real-time monitoring and effective management.

