Electrical Discharge Machine

QUICK INTEGRATION SMART PRODUCTLINE

放電加工機
自動化產線

Manufacturing Execution System

Prompt respond on production detials, automatic dispatch worksheet to each work station therefore increases its loading time more than 30%. Integration of all staions with tools management, workpiece management, working log and online measurement, increases more than 30% on its overall equipment effectivenss (OEE).
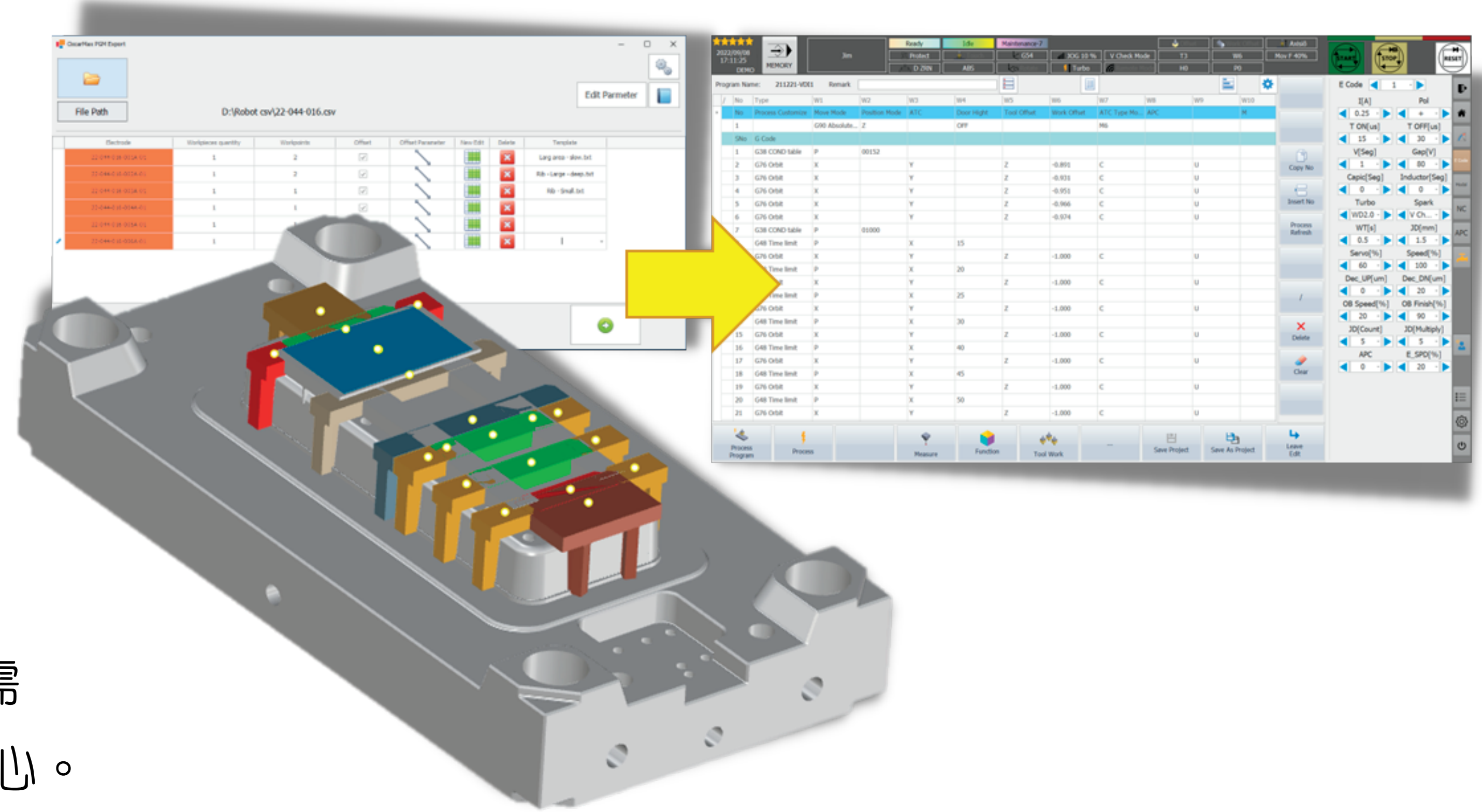
智造執行系統

即時掌握產線資訊、自動派工串聯各工站,大幅提升負荷時間率 (Loading time) 30%以上,整合各製程工站工作排序、刀具管理、工件管理、製造歷程以及線上量測等,可提升整體設備效率(OEE)至少30%以上。

Post-processing System

By analysing 3D moulding charateristics, generate the program automatically. It requires minimum skills, simply place the mould, the tools will then auto edge and find the centre.

放電後處理系統

透過3D模具特徵自動產出加工程式,人員僅需把模具設定上機台,刀具自動尋邊及校正模具中心。

Central tools & plates Storage

Easy management for complex tools. All tools are managed by central control system where brings out the most efficiency on all tools and easy storage for all.
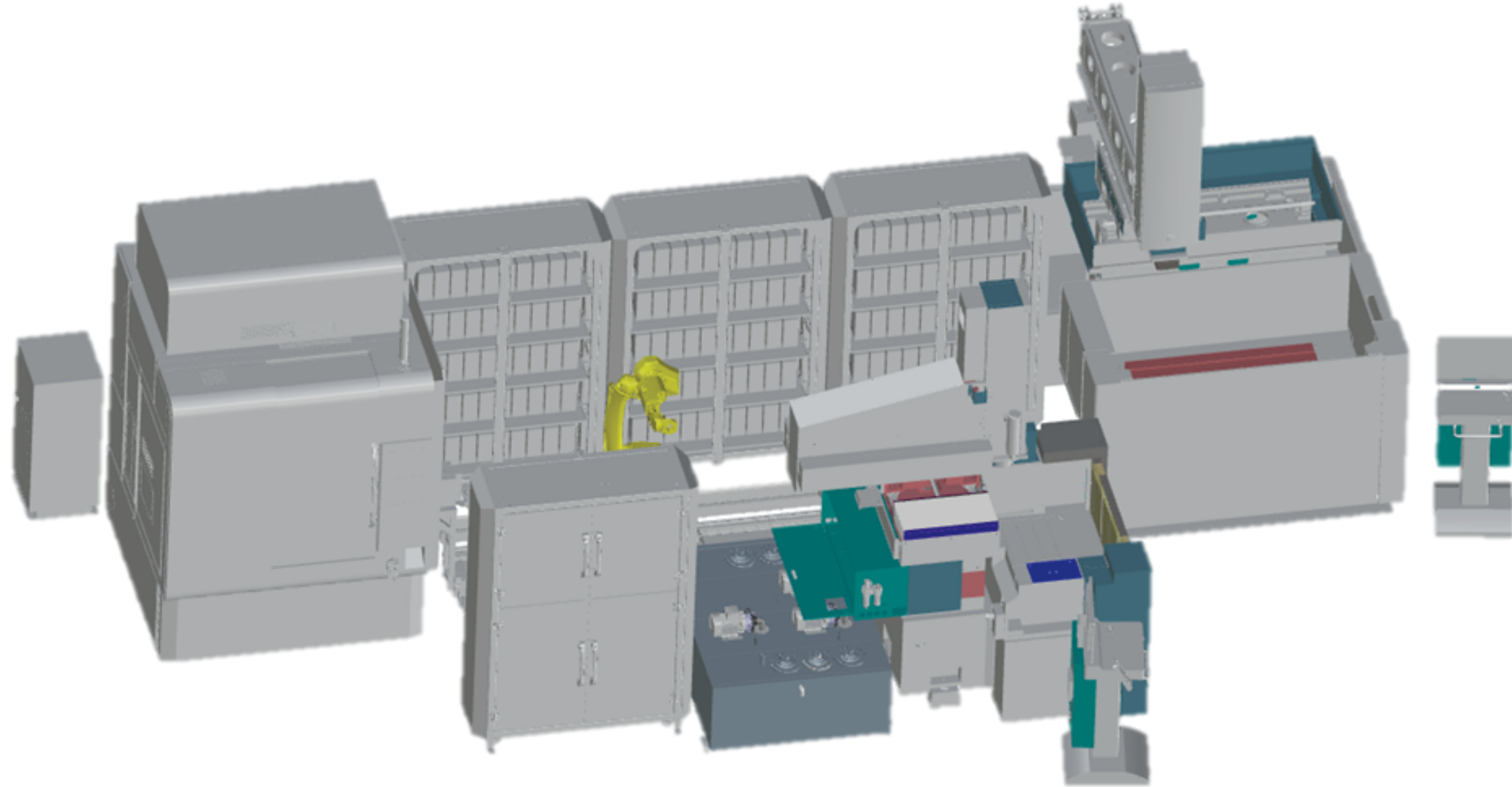
刀具、料件管理中心

輕鬆駕馭複雜形狀刀具,統一由中控系統管理,可發揮刀具最使用率,並解決管理存放的問題。

Smart Production line

Actual application on automobile moulding industry in Europe. EX series sinker EDM integrated with MES and milling machine where perform the production just-in-time without any interruption. By increasing 30% of overall equipment effectivenss (OEE), 2 EDM will then bring out extra 3,000 hours working time per year.

智慧產線

實際銷售案例- 歐洲汽車模具自動化產線,MES整合銑床以及EX系列雕模放電加工機,即時生產所需刀具且無間斷加工,一年下來可有效提升30%以上機台稼動率,兩台放電設備一年增加3000小時以上有效加工時數。

EX EXD Series

MES /SCADA

Cloud

OPC UA .NET   OPC UA .NET   OPC UA .NET

Notify

EX 430   EX 500   EX 750
1 to 5 Monitoring   1 to 5 Monitoring

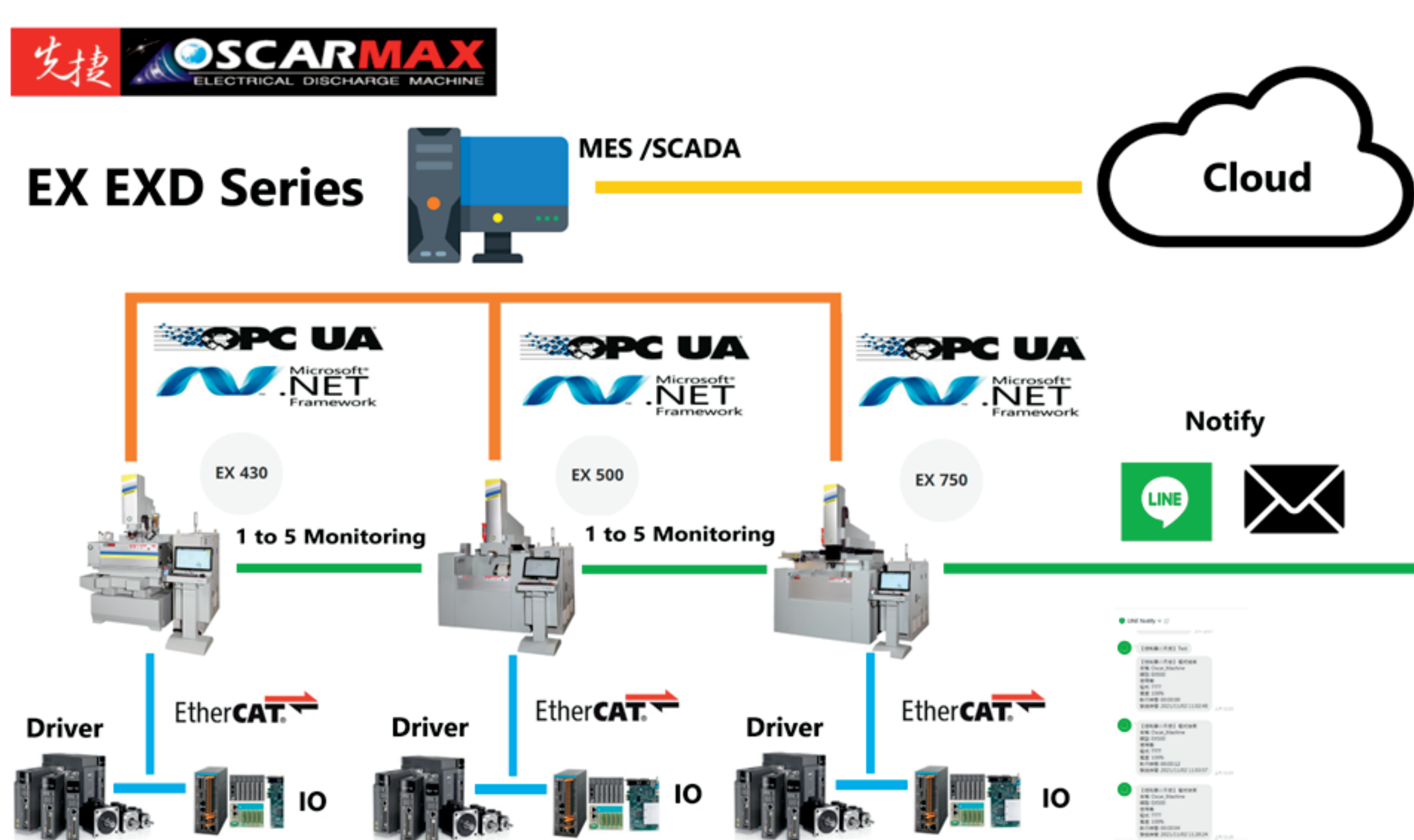Driver EtherCAT IO   Driver EtherCAT IO   Driver EtherCAT IO

Quick Integration

EX/EXD Series electrical discharge machine, capable of easy integrated with MES system, online measurement, storage system and etc via OPCUA, API.

快速整合

EX系列雕模放電加工機,可透過OPCUA、API等通訊快速串聯MES系統、線上量測、倉儲系統等其他平台及設備,打造彈性智能化智慧產線。

For more details, you may send us an email: sales@oscaredm.com.tw
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