客製化整合式電路板
Integrated Machine Circuit Board

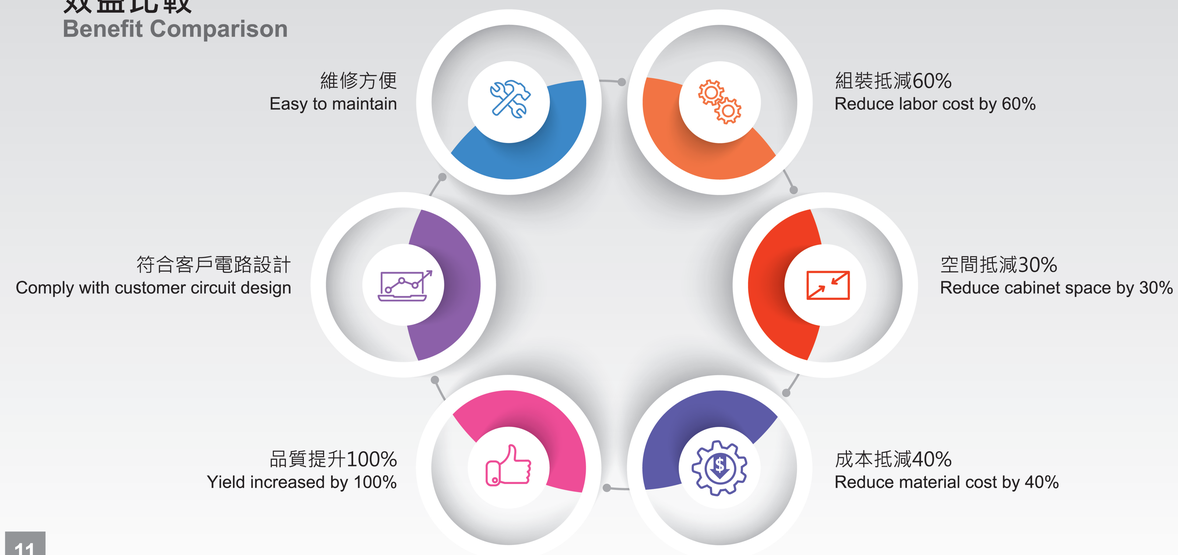
SCAN&GO

宇聯在客製化電路板提供的解決方案
The solutions provided by YEU-LIAN in the customized circuit board

- 固定的低壓控制迴路整合
- 低壓元件設計電路保護，增加使用壽命
- 需擴充的點位已經共點整合，減少轉接用端子台
- 直插式端子設計，免用工具且組裝品質易確保
- 可視化；功能及點位標示在客製化電路板上，人員容易組裝
- 面對不同介面的連接器都可以整合，並且保有擴充彈性
- 客製化電路板配合電路圖進行版次管理，減少維修人員的負擔
- 客製化電路板都經過PLC檢測，模擬客戶環境以及電路測試
- 有效減少人工及材料費用
- 停產後，保證10年以上整式電路板料供應
- MOQ≥1

- Low voltage control circuit integrated.
- Low-voltage components such as relays are designed with surge protection and increasing service life.
- The points that need to be expanded or wiring are integrated in PCB, reducing terminal blocks.
- Reducing wires and cables.
- Push-in terminal design which is easy to assure quality.
- Functions and points are marked on the customized circuit board.
- Supporting different interfaces of connectors.
- Products are tested before leaving the factory.
- Effectively reduce labor, material and management costs.
- Customized circuit boards supply 10 years after last order.
- MOQ≥1

效益比較
Benefit Comparison



產品組合
Product Portfolio

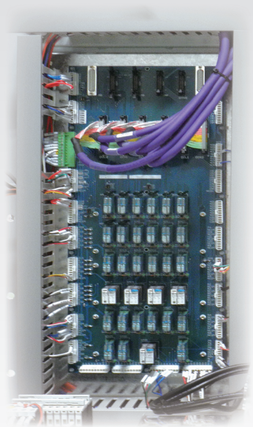
客製化電路板好處
The Benefits of Customization

1 傳統配電盤
Traditional Electronic Cabinet

- 低壓控制元件獨立組裝，佔地面積大，增加電氣箱體空間成本
- 擴充的PLC點位需要使用很多轉接端子台
- 標準的低壓控制迴路，每一台都要人工重複組裝
- 繼電器加裝的保護元件成本高而且不好安裝
- 需要加工控制線材及不同種類的手工具，配合元件模組的鎖固
- 低壓控制元件分散，如有異常需要不斷逐步查修
- Components are assembled independently. Occupying large space and increasing the cost of electrical cabinets.
- Expanded points from PLC need to use lots terminal blocks to wiring.
- Standard control circuits on every machine have to wiring process has to repeat.
- The circuit protection components of relay are expensive and difficult to install.
- The wiring process of different components requires different hand tools to assembly.
- Each circuit needs to be checked and repaired one by one.

2 模組式電路板用於配電盤
Using Modules in Electronic Cabinet

- 擴充模組獨立組裝
- 轉接需要端子及線材連接
- 固定的迴路須要重複人工配線
- 元件分散需要查修的點位多且正確性都需要人員的確保
- 標示及定義都相同，組裝人員需要重複核對電路圖及線材定義才能組裝，節省的時間有限
- Modules are assembled independently.
- Need terminal blocks to transfer.
- Repeat manual wiring.
- The components are scattered, and there are many points that need to be checked and repaired.
- Standard Modules saving limited labor cost.



3 客製化電路板用於配電盤
Customized Circuit Board

- 固定迴路整合以及元件電路保護處理
- 減少轉接用端子台
- 固定的迴路已經整合，免去使用線材
- 直插式端子設計，品質易確保
- 出廠檢驗模擬PLC環境確保迴路正確，減少需要點檢項目
- 客製化最有效減少材料、人工及電氣箱體成本
- 停產後，保證10年以上整合式電路板料供應
- MOQ≥1
- Fixed circuit integration and protection.
- Reduction of terminal blocks.
- Fixed circuit integration.
- Push-in terminal design which is easy to assure quality.
- Products are full function tested before shipping.
- Fully customized circuit boards significantly reducing cost.
- Customized circuit boards supply 10 years after last order.
- MOQ≥1.