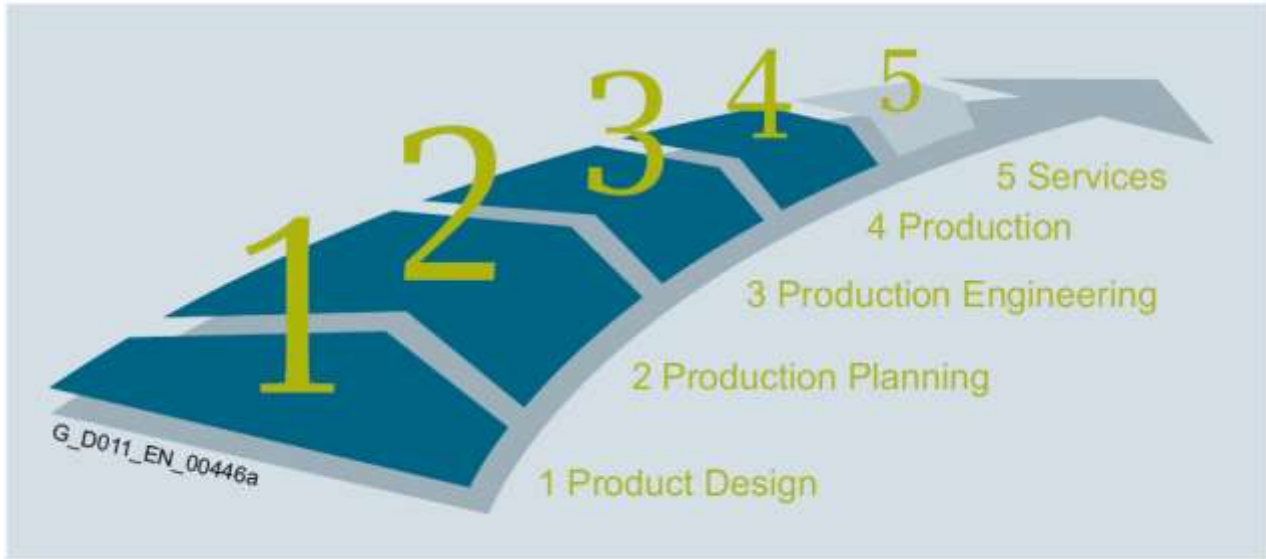


數位化時代, 能源透明化於變頻器上的運用

游雅筑

台灣西門子 運動控制系統處 資深產品專員

西門子驅動科技提倡的“能源效率”指的是什麼？



SinaSave

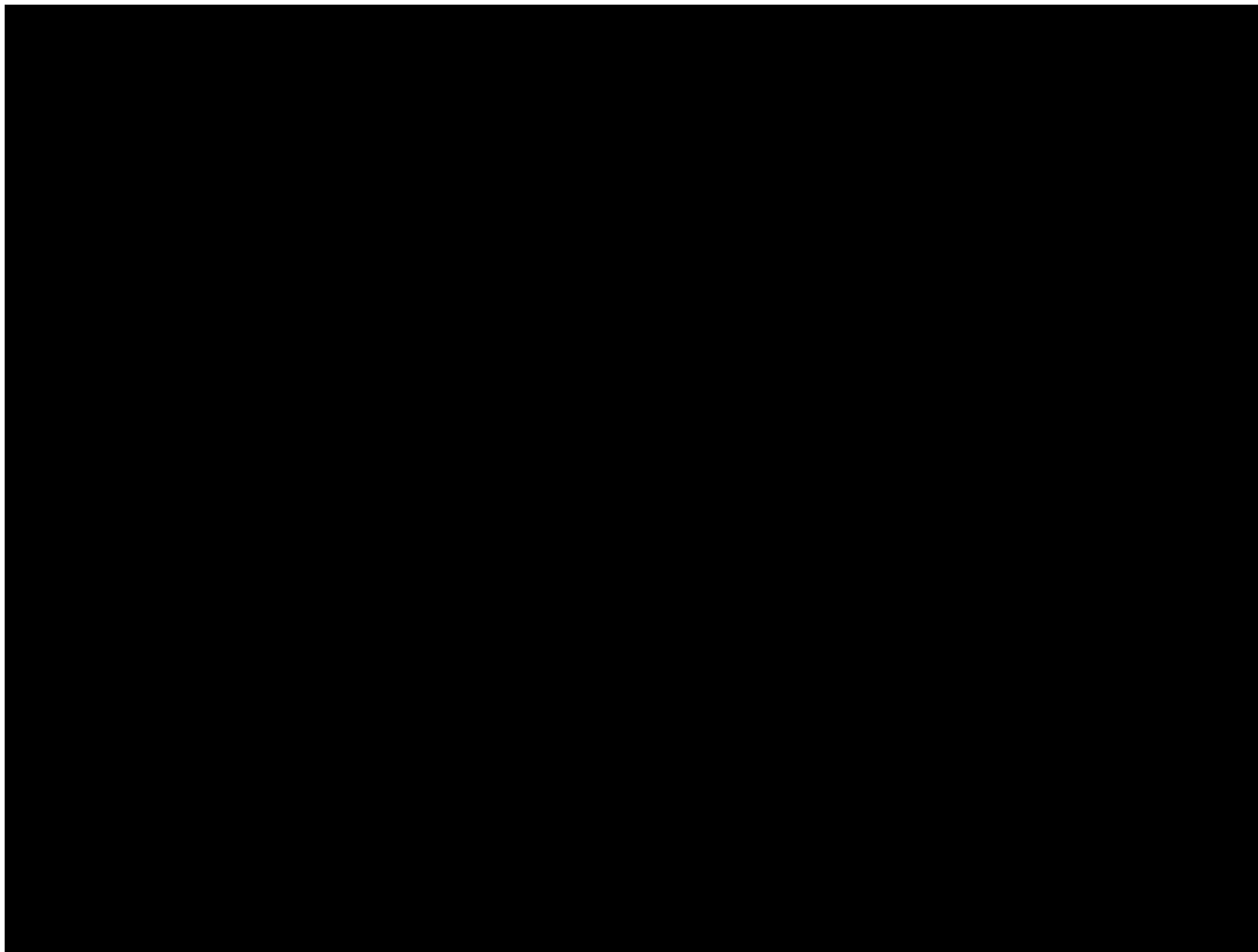
Tecnomatix

Starter

Sizer

TIA Portal

PROFIENERGY – 能源透明化的最重要元素



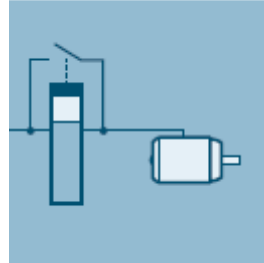
10個不可不知的驅動器節能功能



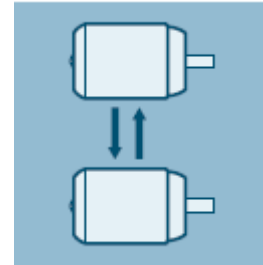
Energy status transparency



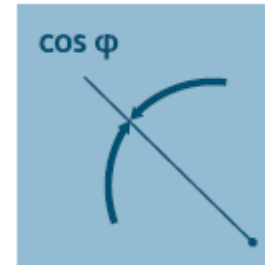
ECO mode



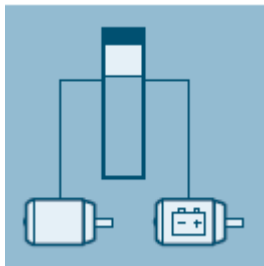
Bypass mode



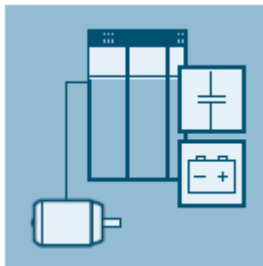
Energy balancing



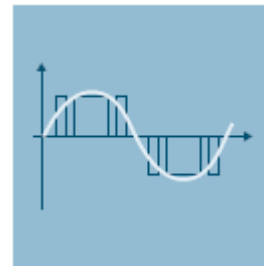
Reactive power compensation



Kinetic buffering



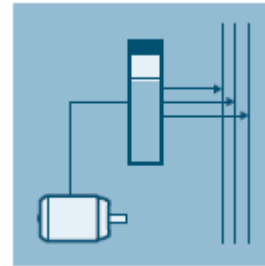
Electrical energy buffering



Optimized pulse pattern



Energy usage counter



Regenerative feedback

SINAMICS G120

智慧型操作面板 or Smart Access wifi 模組
可外拉盤體，顯示趨勢/圖像/文字訊息

PM變頻模組

內建DC電抗器 → 不需安裝外部電抗器
(PM240-2: 18.5~250 kW)
IGBT技術可實現高精度轉速控制

SEMI-F47
0706

3C3 Coating

Online Fan
Replacement



CU控制器

內建多組IO，通訊介面或(編碼器)供PLC使用