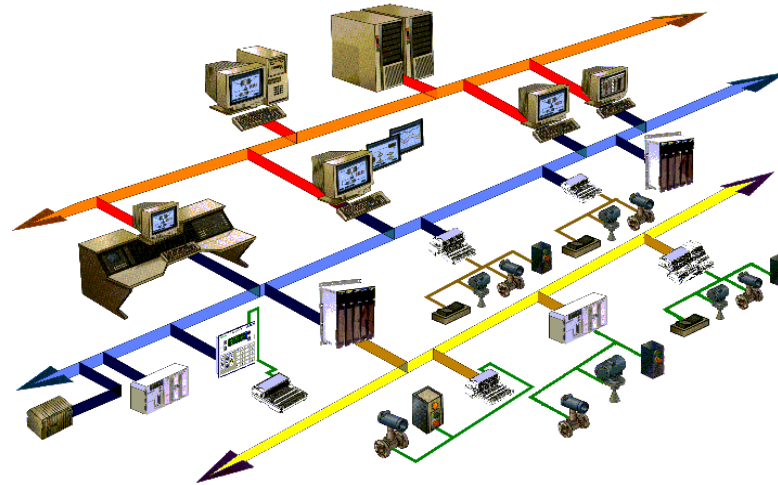


Plataformas de automatización

Modicon-TSX

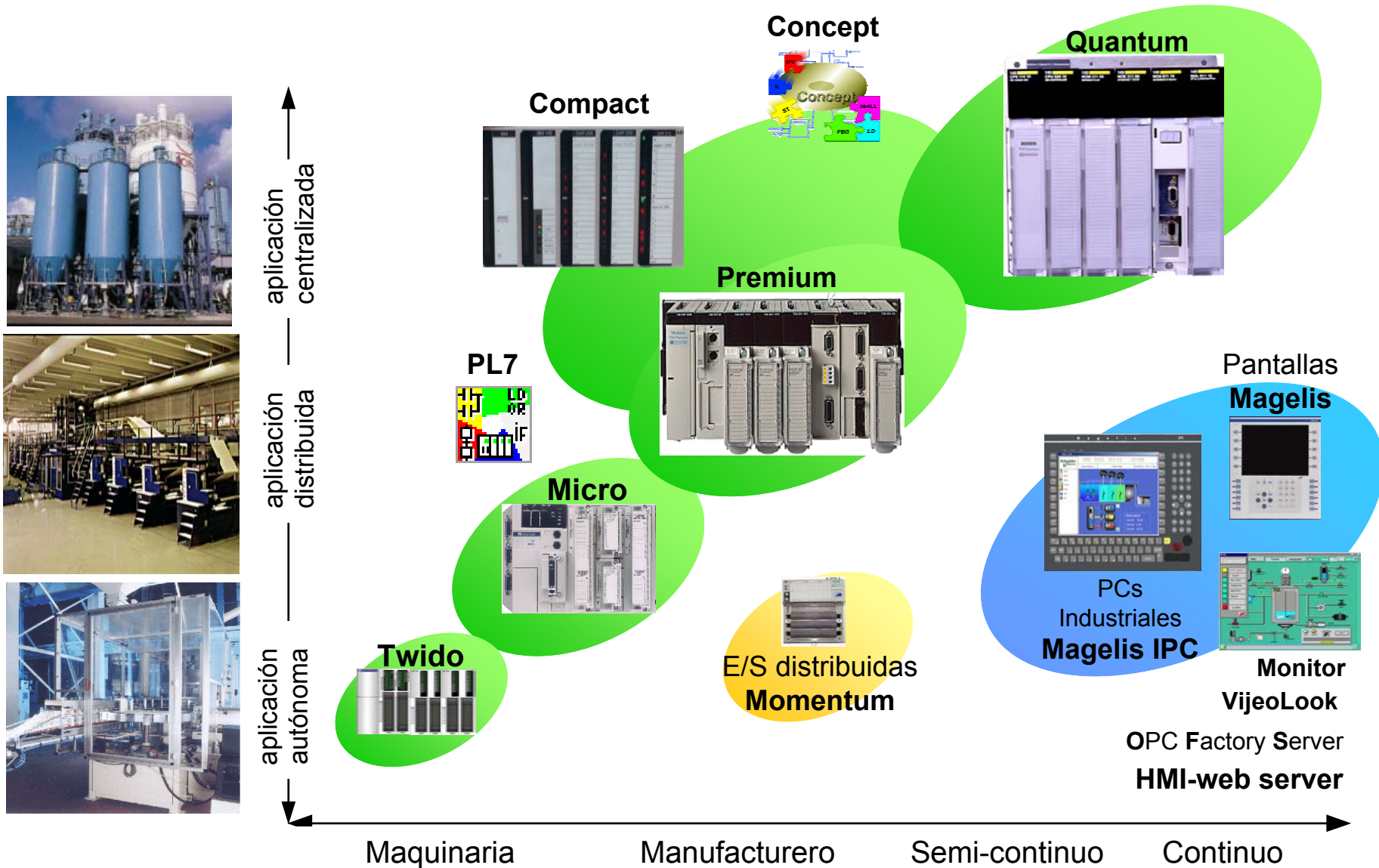


- Merlin Gerin
- Modicon
- Square D
- Telemecanique



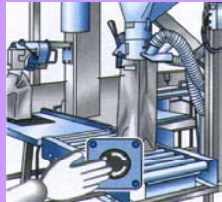
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Plataformas de automatización Modicon-TSX 2003



Modicon TSX: Soluciones homogéneas en toda la gama

Seguridad integrada



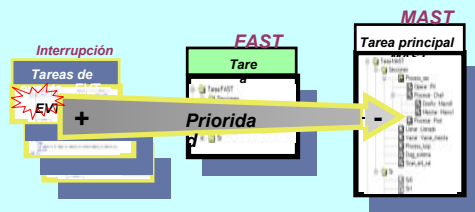
Sistema cableado TELEFAST



Memoria flexible y ampliable



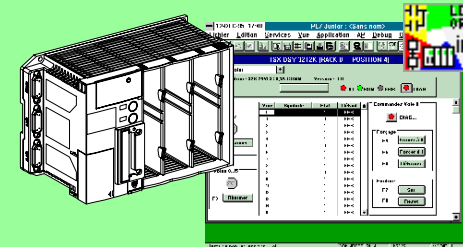
Estructura multitarea



Robustez en entornos industriales

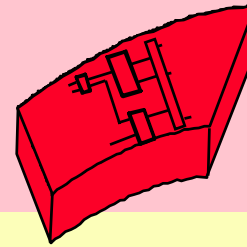


Direccionamiento geográfico



Programación de la gama según IEC 61131-3

QUANTUM



FBD : *Bloques Función*

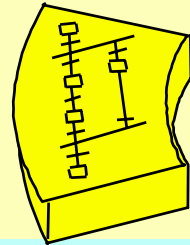
PREMIUM



ST : *Texto estructurado*

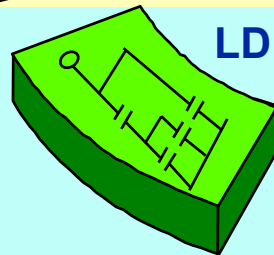


MICRO

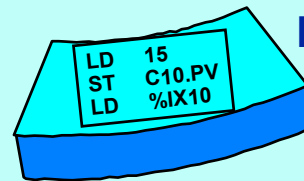


SFC : *Grafcet*

TWIDO



LD : *Diagrama contactos*

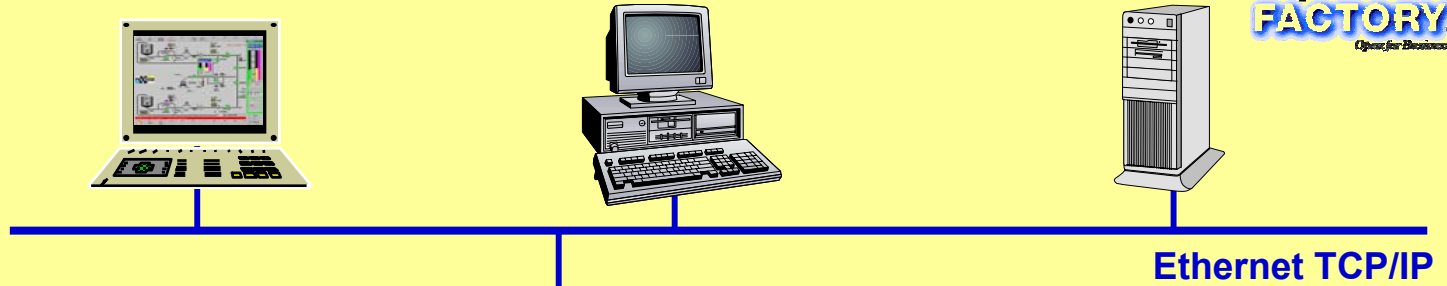


IL : *Lista Instrucciones*

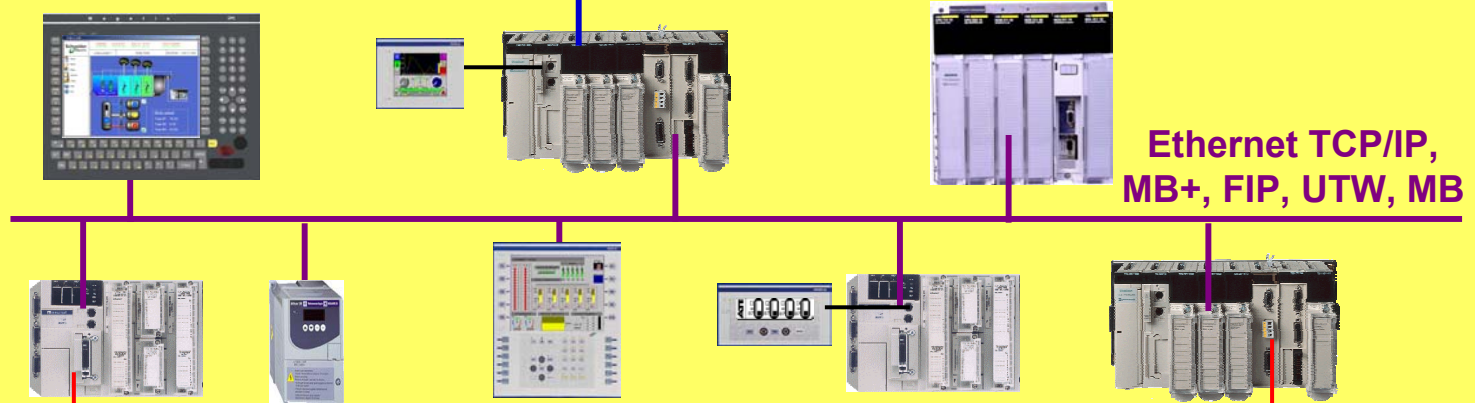
Modicon TSX: Arquitecturas totalmente abiertas

Transparent
FACTORY
Open for Business

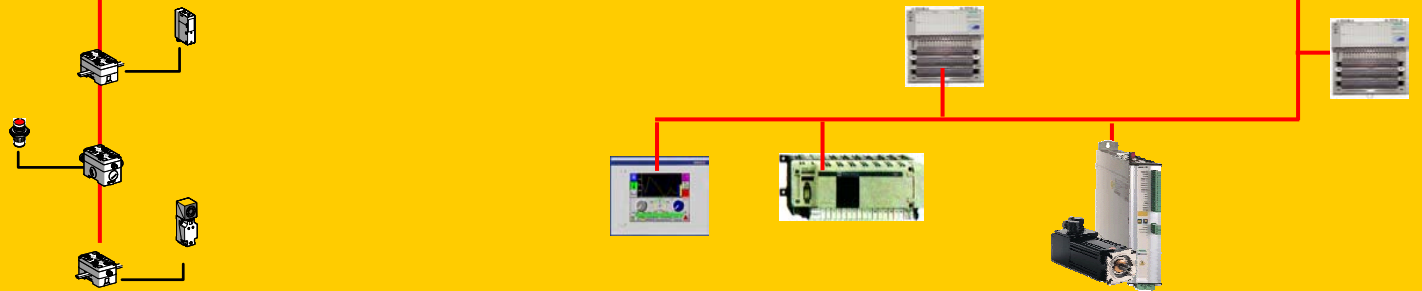
LAN / WAN
Intranets
Planificación y
gestión de la
producción



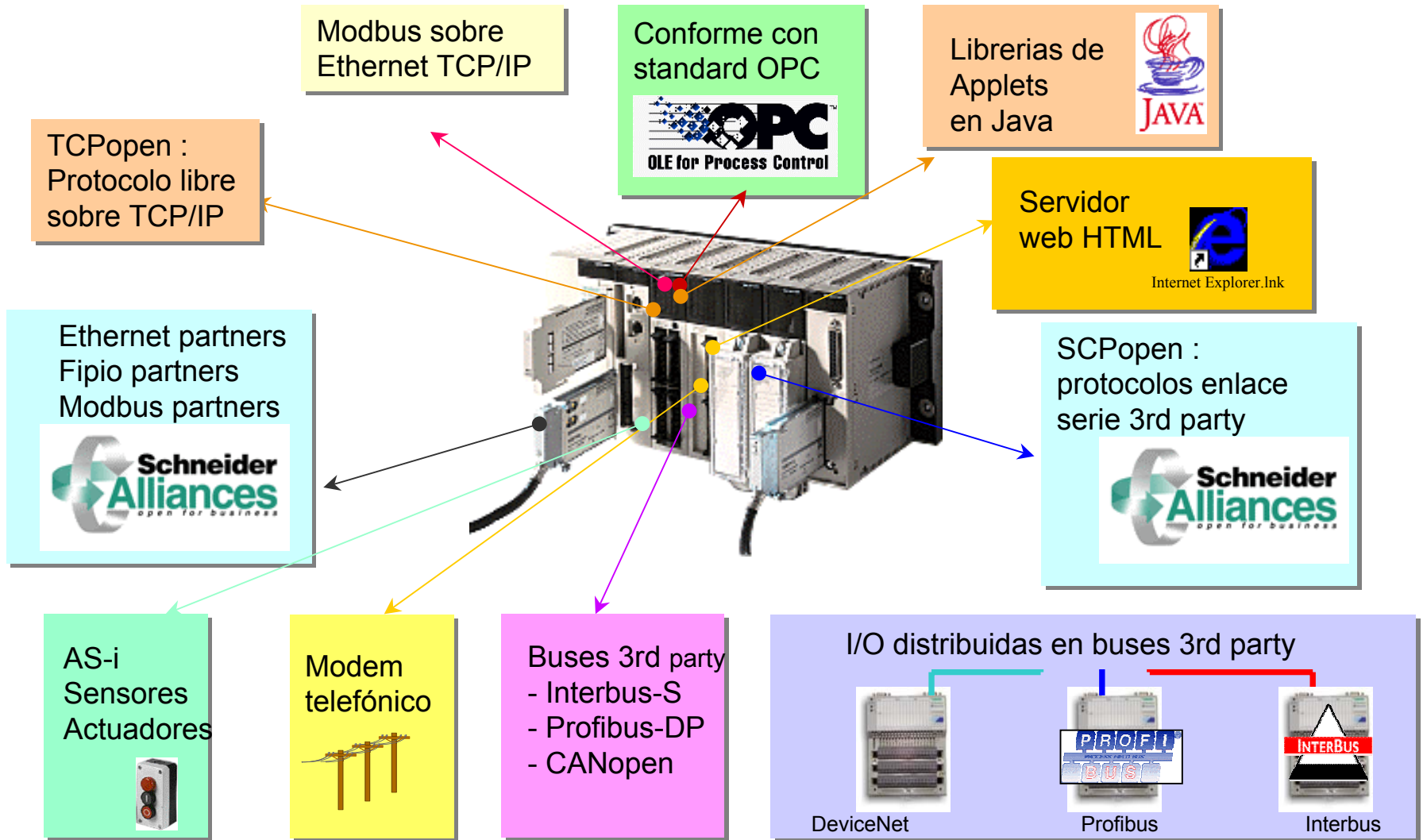
Redes entre células de
fabricación en planta.
Supervisión y mando a
grupo de máquinas



Buses de campo
Mando a máquina



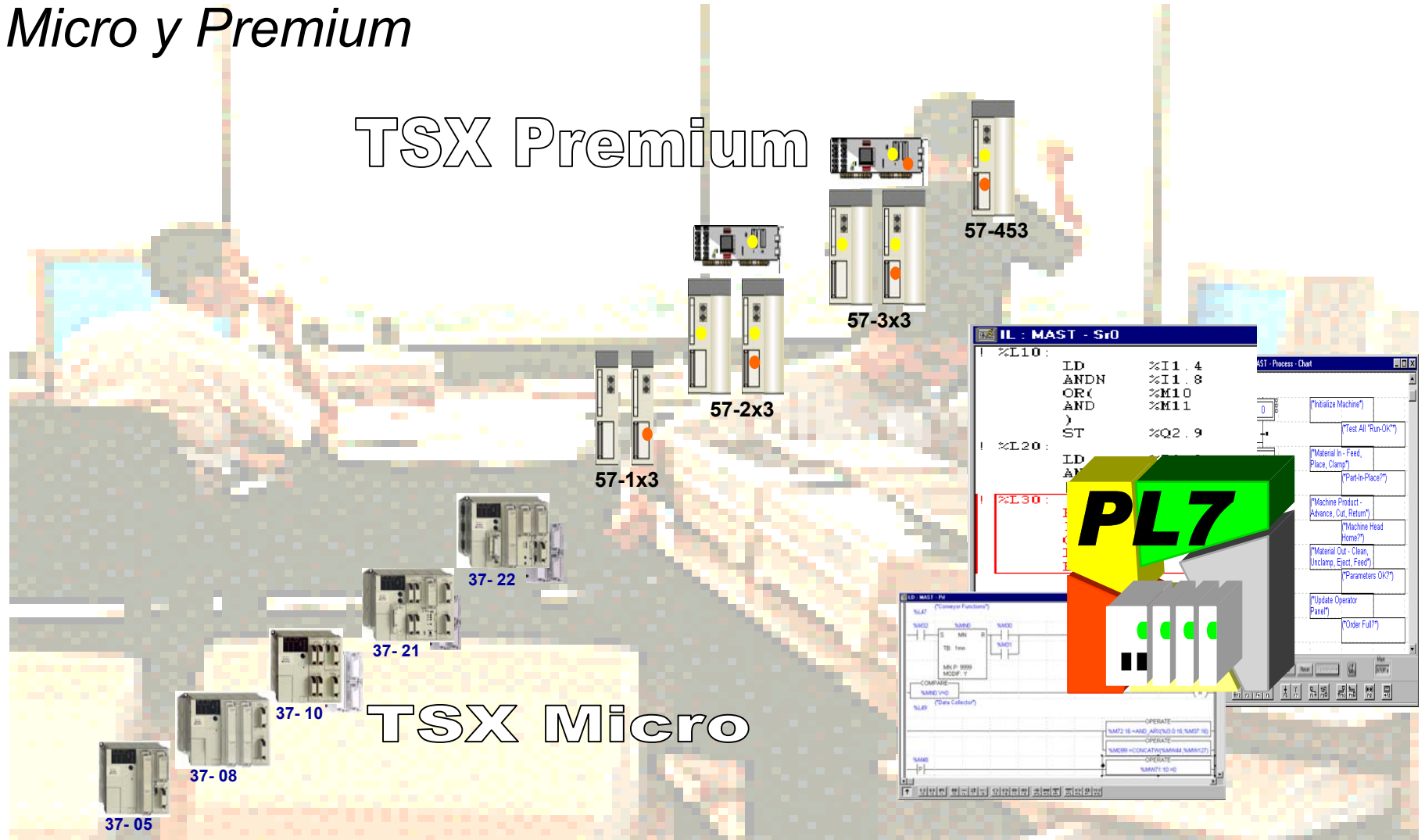
Modicon TSX: Apertura total ; Haga su elección !



PL7 :

Software de programación y depuración de PLC's Micro y Premium

TSX Premium



TSX Micro

Concept : Software de programación y depuración de PLC's Quantum, Compact y Momentum

The collage features several key elements:

- Software Screenshots:**
 - FBD1:** Function Block Diagram showing logic with AND/OR gates and coils.
 - IL1:** Instruction List Start window showing ladder logic converted to text:


```

          RUN_TIMER : TON; (* Blink timer *)
          END_VAR
          (* Default for the marker *)
          LD
          ST
          run_light1
          run_light
          (* Create a 1.0 Hz. pulse *)
          SIN RUN_TIMER.IN
          CAL RUN_TIMER.PT := tB15;
          LD RUN_TIMER.Q
          ST animatetimer
          LD RUN_TIMER.Q
          ST run_pulse
          end (* No pulse yet, nothing to do
          JMWFCN
          LD run_light8 (* Rotate all bits one posi
          ST
          LD run_light7
          ST
          LD run_light6
          ST
          LD run_light5
          ST
          LD run_light4
          ST
          LD run_light3
          ST
          LD run_light2
          ST
          LD run_light1
          ST
          LD run_light
          ST
          end;
          
```
 - SFC:** Sequential Function Chart with steps 1-12 and transitions.
 - LD1:** Ladder Diagram showing logic with Manual1, ACT4, and LD_Start.
- Hardware:**
 - TSX Quantum:** A rack of PLC modules with various slots and indicators.
 - TSX Compact:** A smaller rack of PLC modules.
 - TSX Momentum:** A rack of PLC modules with a different form factor.
- Central Graphic:** A large gold puzzle piece in the center contains the word "Concept". It is surrounded by other colored puzzle pieces labeled with programming methods: SFC (red), IL (blue), ST (yellow), FBD (green), LD (cyan), and 984LL (magenta).

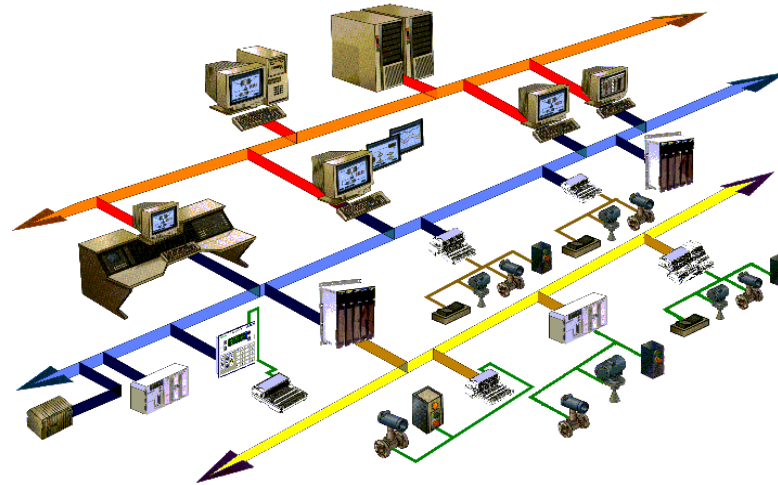
TSX Quantum

TSX Compact

TSX Momentum

Plataformas de automatización

Modicon-TSX



- Merlin Gerin
- Modicon
- Square D
- Telemecanique



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