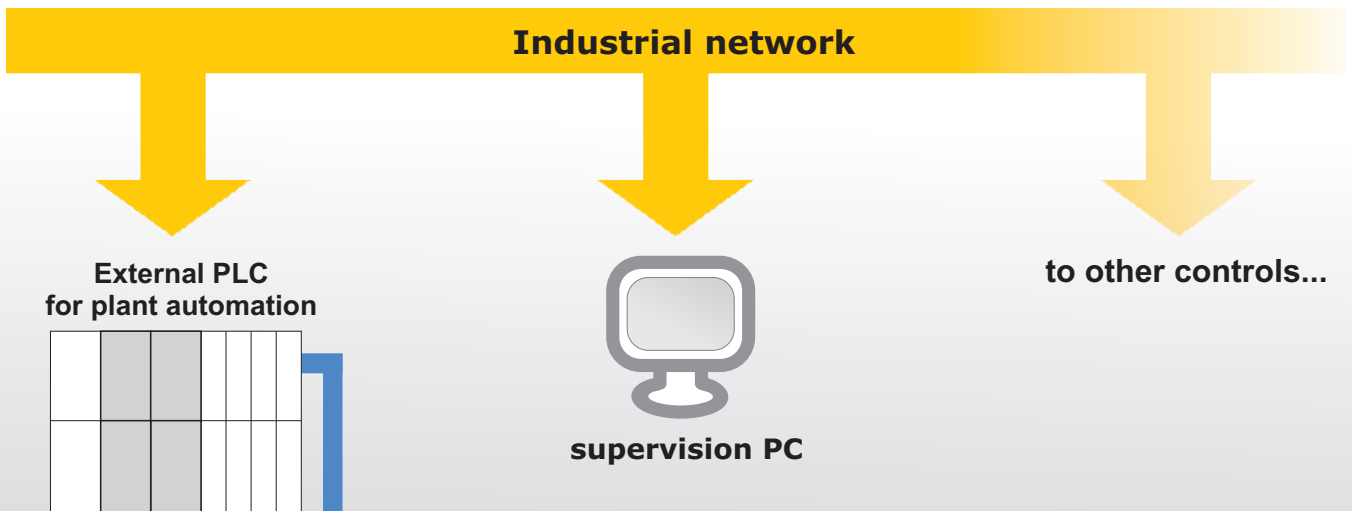


## Plant supervision level



## Rectifier level

**FIELD BUS  
(MODBUS,  
PROFIBUS,  
...)**

**The serial line allows to remotely control:**

- ▶ START / STOP
- ▶ Output adjustment
- ▶ Output Current and Voltage readout
- ▶ Rect. Status readout
- ▶ Data exchange with:  
Elca Ramper\*  
APC\*

\*if provided

to other  
rectifiers...

### CURRENT RECTIFIER



- ▶ Extreme flexibility
- ▶ Easy upgrading
- ▶ Accurate output stabilization
- ▶ Complete alarm management
- ▶ Check of rectifier status
- ▶ Double serial interface (to external PLC and to control panel)
- ▶ The complete working can be remotely controlled

### OPERATOR REMOTE CONTROL PANEL



The operator panel is provided with:

- ▶ DC voltage and current digital indication
- ▶ Working and Alarm messages visualization
- ▶ Dedicated keys and generic keyboard for data programming
- ▶ Can be provided with local printer
- ▶ Following process computers can be installed:
  - ▶ **ELCA RAMPER** (plating, hard anodizing, electrocolouring and general purposes)
  - ▶ **APC** (conventional anodizing)