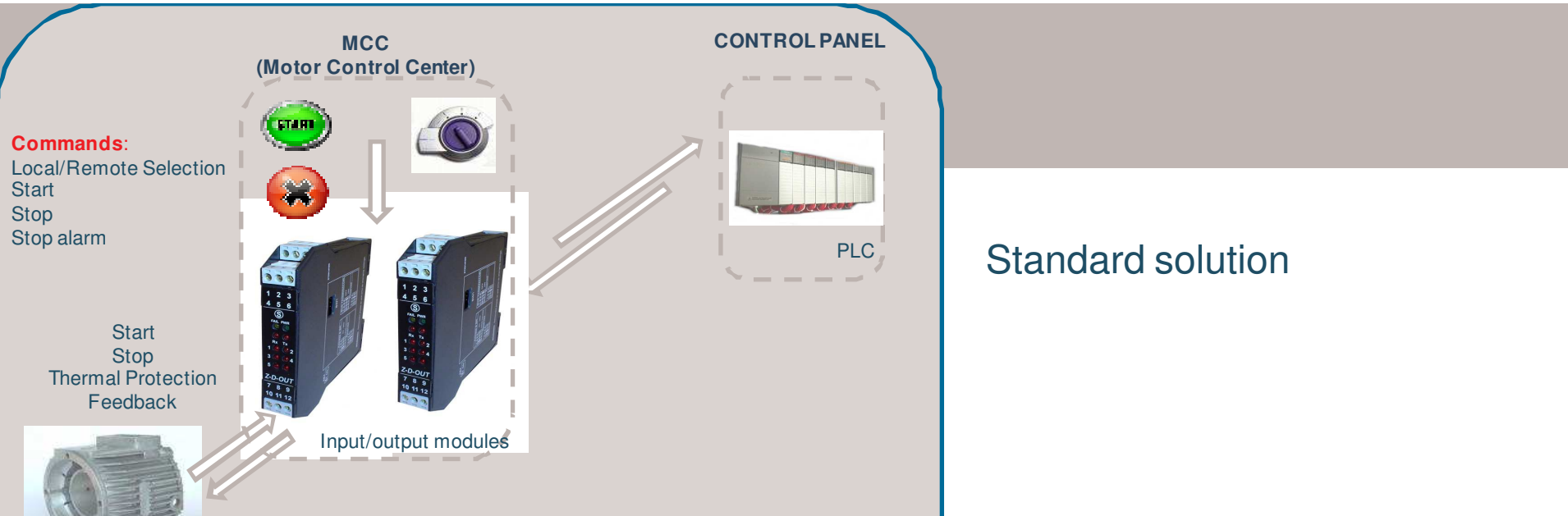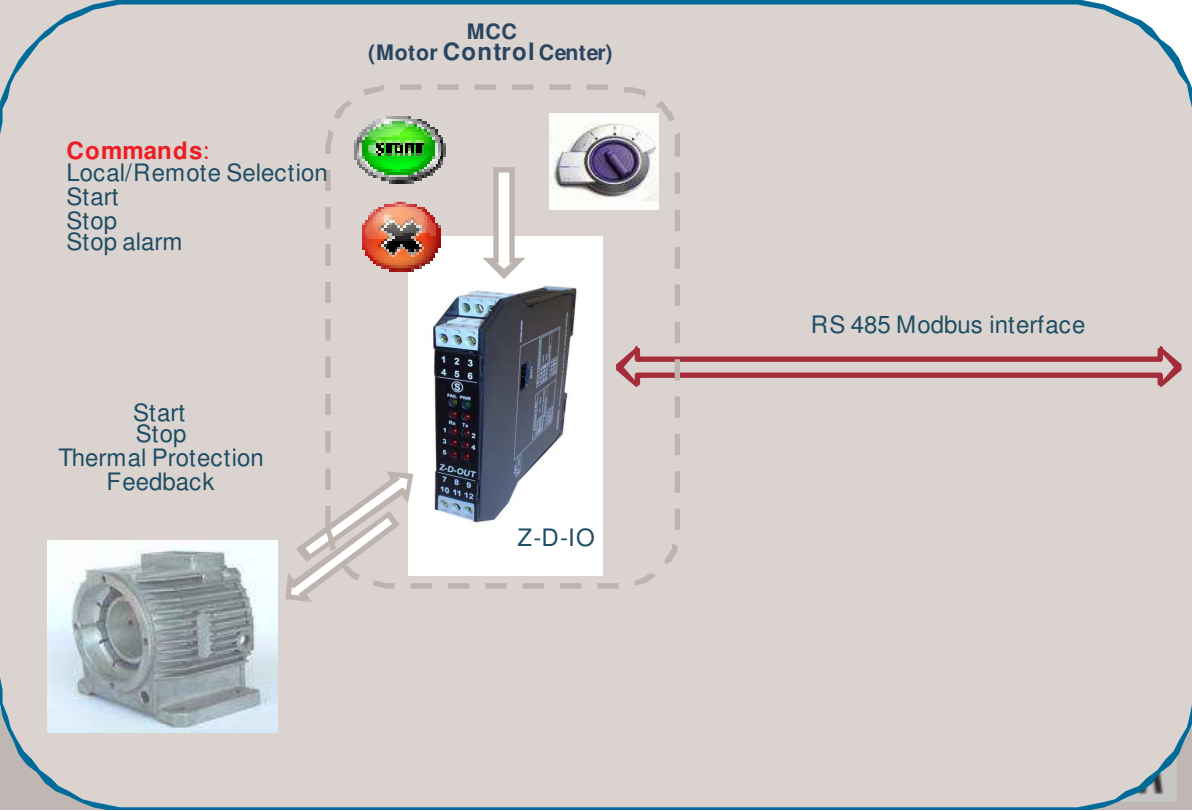# Z-D-IO - ON-OFF Controller



- ✓ 6 digital input and 2 SPST relays output module

- ✓ Fast control and RS485 interface

- ✓ Remote bus connection

- ✓ Integrated IEC 1131 control logic

- ✓ Functions:
  - → I/O Mode
  - → Motor Commande mode
  - → Pneumatic valve command mode
  - → Motorised valve commande mode

- ✓ 3.75 KVac isolation

SENECA

**MCC**
**(Motor Control Center)**

**CONTROL PANEL**

**Commands**:
Local/Remote Selection
Start
Stop
Stop alarm

Start
Stop
Thermal Protection
Feedback

Input/output modules

PLC

Standard solution

**MCC**
**(Motor Control Center)**

**Commands**:
Local/Remote Selection
Start
Stop
Stop alarm

Solution with Z-D-IO

Start
Stop
Thermal Protection
Feedback

Z-D-IO

RS 485 Modbus interface

# SUCCESS STORY: MCC APPLICATION (MOTOR CONTROL CENTER) IN A PHARMACEUTICAL INDUSTRY



## SOLUZIONE

| | |
|---|---|
| **I / O** | ABOUT 210 |
| **Hardware** | N°1 Z-TWS, N.36 Z-D-I-O |
| **Communication** | ModBUS RTU, Ethernet |
| **Function** | Electric users control |
| **Supervision/ Interface** | Data sending to a control syestm DCS – Emerson |

## ADVANTAGES

❑ Need less wiring
❑ Local control through Z-D-I-O
❑ High flexbility
❑ High permormance solution than standard application using a DCS expansion card

## ARCHITECTURE



DCS EMERSON

ModBUS RTU – RS485

Z-TWS

ModBUS RTU – RS485

Z-D-IO modules