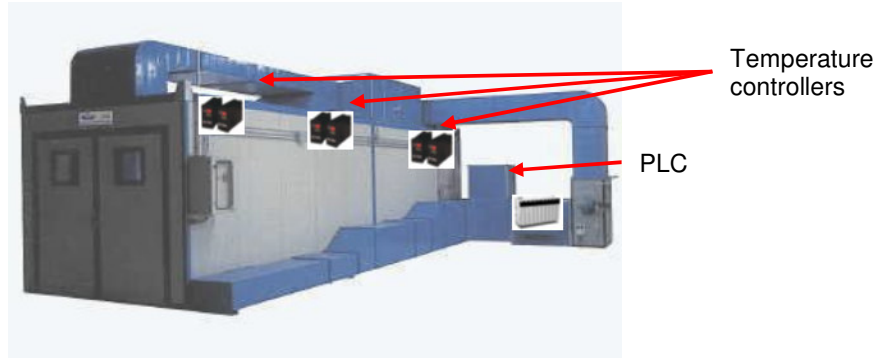


# OVEN APPLICATION

**KEYWORDS: MULTIDROP, RECIPE STORAGE, NETWORKING**

**THE APPLICATION:**

- This automation system is used to control an industrial oven where temperature settings for different products must be selected from the PLC
- The application requires synchronization of the temperature and the different alarm set points



**ESA SOLUTION:**

- By using ESA terminals the thermo regulator settings can be completely linked to the PLC registers without any additional hardware, allowing the user to log and store production data seamlessly. (Link can be done via any RS485 multidrop or CANopen protocol).
- Connect to facility network via ESA connection, or use existing PLC network.
- Recipe setups stored in ESA terminal for each different product. Recall setups with touch of a button.

