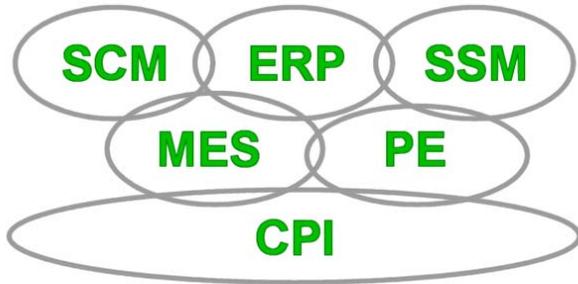
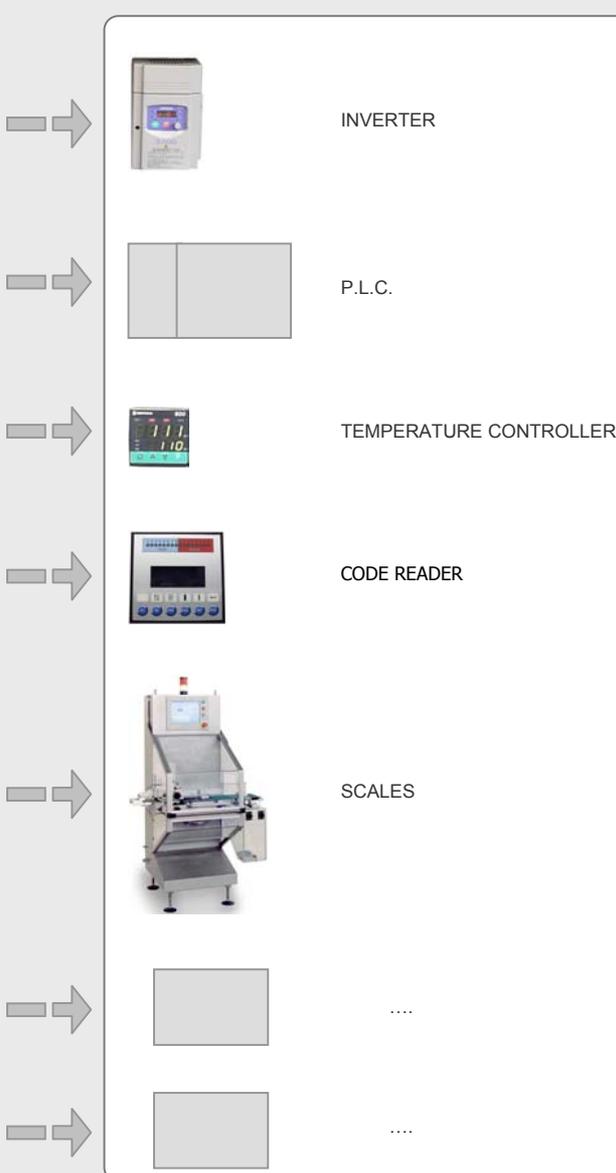


CENTRALIZED PRODUCTION INTERFACE



Machine 1 Machine 2 Machine 3 Machine 4 Machine 5



SCM

(SUPPLY CHAIN MANAGEMENT)
Handles forecasting, planning, distribution and logistics.

ERP

(ENTERPRISE RESOURCES PLANNING)
Handles order management, as well as planning of production, materials and associated activities.

SSM

(SALES AND SERVICE MANAGEMENT)
Handles sales and service management.

MES

(MANUFACTURING EXECUTION SYSTEMS)
Manages production plants/lines, acquiring data and setting up operations to improve production activities in order to offer "JUST IN TIME" products to the customers.

PE

(PROCESS ENGINEERING)
Handles process modeling and production data management.

CPI

(CENTRALIZED PRODUCTION INTERFACE)

In the controls category. It interfaces with the site via PC panels, thus relieving high level management software from the pressure of heavy work loads.

For over 15 years, LOGOMAT has invested in information technology systems for acquiring production process data. Initially we developed a software set able to acquire data on-site and from the operator. These data were then processed and presented in tables and graphs.

This type of acquisition, in STAND-ALONE mode, satisfied analysis requirements for many years. However, as time went by, there was a growing need by some customers to integrate the different software programs in their company and implement increasingly automated procedures to simplify validating the production process (by Quality Assurance) and drafting the SOP (Standard Operation Protocol).

This led us to develop a new product to meet these requirements.

The C.P.I. system was therefore created to facilitate the production supervisor and the quality assurance manager. In this way, the production supervisor and all users authorised by him, can access information on the production area, from any computer connected to the network, without the need to install any dedicated software. This is the typical information:

- Real-time analysis of batch and machine data, e.g. causes of the most frequent down-times, produced quantities, performance of individual machines, consumption of material, etc...
- Centralised size management by setting parameters on the machines, such as temperature, speed, code readers, scales, etc...
- Scheduling of lots to be produced.
- Input of new sizes and products.
- Data exporting via standard formats (SQL, CSV) for further processing with spreadsheets.
- Access to data from the customer's centralised systems via ODBC.
- Permit management of users and their groups.
- Rapid transfer of configurations between identical machines.
- Guided size change-over (Optional)
- Preventive maintenance (Optional)

This system saves a lot of time, without the need to work manually on individual machines.

On top of that, a high level of security is guaranteed for input data, partly due to the reduced inputting operations. Management of machines and their validation processes is simplified.

In the event of malfunctions on the server or on the LAN, the DSMC 15 Ts are designed to work independently.

Direct access to the system by LOGOMAT S.r.l. Italy can be provided via a high security level connection. This will enable implementation of any requested modification and/or update and provision of technical support.

Full Unicode support will be provided in the near future. This will enable you to view any set of characters not included in western European languages, such as Cyrillic, Chinese and Japanese.

New lines management and acquisition data system

