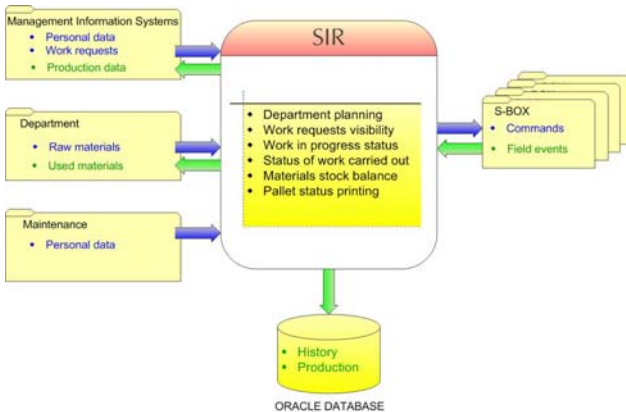




... NOT ONLY MES ... SIR – SISTEMA INFORMATIVO DI REPARTO



The SIR system is a solution to be placed between a business information system and supervision and data acquisition systems for industrial manufacturing processes.

SIR is about receiving the expected production plan from management systems to render it available to a specified department. The system main function is the collection of important data from all manufacturing operations executed, relatively in the production and raw materials consumption

phases to associate them to information received from management systems and return them back for future manufacturing operations.

ADVANTADGES :

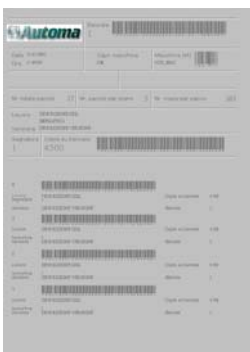
- Associates planning data with manufacturing data
- Shows department manufacturing progress
- Develops department reporting
- Controllates real-time manufacturing phases
- Sends information to high-level departments

OBJECTIVES :

- Speed up guaranteeing information flow
- Trace manufacturing lots
- Balance of manufacturing single phases

FUNCTIONALITIES :

- Department planning
- Department work visibility: work to do, work in progress and work done

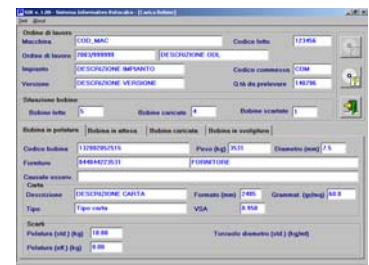


Printing: manufacturing phases, production bills

Manufacturing data history

Communication of manufacturing data to high-level departments

Analysis of production indexes



FEATURES : Allows configuration
 Allows to interface with the market well-known SCADA
 Modular
 Easy to use



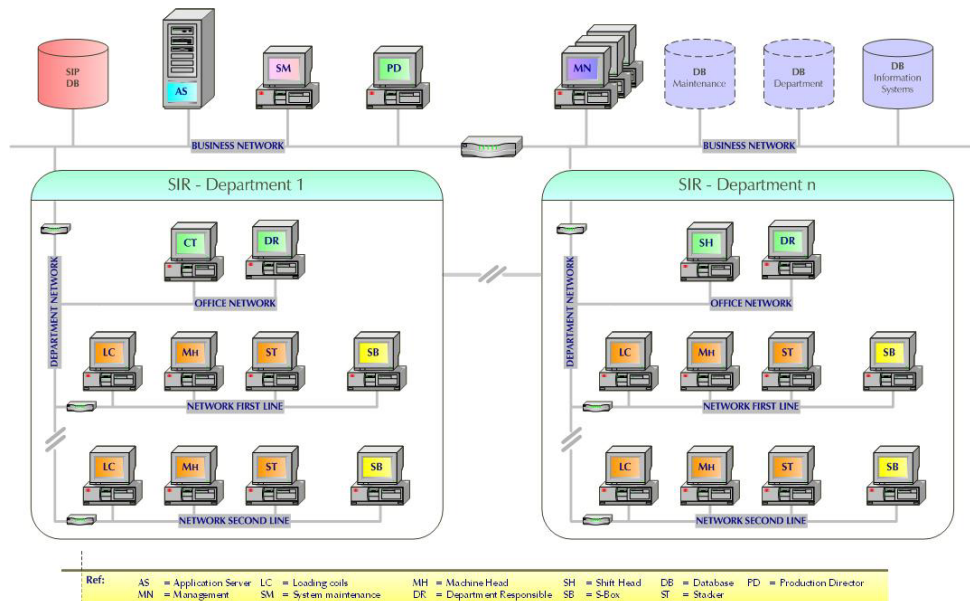
OPERATING ENVIRONMENT :

Operating System	PC Server: Windows NT Server/ 2000 Server PC Client: Windows NT / 2000 Professional SP3
DB	Oracle 8i EE, expandable to other DB
Field Interface	S-Box
Development system	Panther v. 4.5
PC Server DB/AS requirements	512MB RAM, 2x40GB HD, Backup unit, Graphic card 1024x768, CD ROM, Network card, Floppy disk, Mouse, Keyboard, Monitor
PC Client requirements	Pentium 1400 Ghz, 256MB RAM, HD 40 GB, Graphic card 1024 x 768, CD ROM, Ethernet card 100 Mbit, Floppy disk, Mouse, Keyboard, Monitor
Network	TCP/IP protocol, Ethernet

SYSTEM ARCHITECTURE

The figure shows a complex system architecture reached with successive upgrades. From one line to n departments.

Because of keeping integration philosophy SIR is in fact an Automa's product.



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