

**PRODUCIM**

Réalisation LYNX ★ 04 77 61 04 30



**PRODUCIM®**

**COURBON**

AUTOMATION AND DATA PROCESSING FOR INDUSTRY

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[www.courbon.fr](http://www.courbon.fr)

# PRODUCIM®

optimizes performance

A reliable and objective measure,  
key to success  
for the improvement of productivity



#### Reliable and objective data for financial executives

Awareness of the total tool efficiency production and its capacity to produce more without additional investment.

#### Assistance for the piloting of production

It optimises the estimated load of the resources by planning according to real availability. Gives a synthetic vision of the whole resources and does an in-depth analysis of the operating machine. Motivates the personnel in increasing productivity. Helps users to situate themselves in regards to production targets. Reacts at the right place at the right time.

#### No performance if no quality

Follows process and/or product parameters according to SPC procedure. Analyses production conditions (stops, machine incidents, teams, products). Selects weight controls and quality controls on-line according to procedure (IPC).

#### Maintenance support

There is a quick reaction time to incidents. Analysis of all down times, all incidents (breakdowns, waiting periods, slowdowns, ...). You are quickly reached by phone. You are informed of any parameter drifting.

#### PRODUCIM® is entirely adaptable to your needs

A minimum of recommendation is necessary for a good performance measurement. The modification in PLC architecture is not obligatory, a concentrating PLC is not compulsory, nor is a change in the programme. Everything is configurable and adaptable : from the wording on the breakdowns causes to the indicators, to the addresses of elementary information determining the statement of a resource. Furthermore, PRODUCIM® has a complete drivers' library which allows it to communicate with most types of equipment (PLC, balances, sorters, ...).

#### Standardized and personalized indicators

PRODUCIM® saves equipment and people activity into a data base, then calculates indicators upon request via standardized, customized or specific components. The results are reconstructed under graphic and/or literal form. Every data can be exported in various formats : HTML, text, Excel, XML, ...  
PRODUCIM® has a large range of dynamic and static indicators : Pareto, productivity chart, operational efficiency, OEE, availability, quality rate, performance rate, breakdown frequency, ...

# The answer to the customer's requirements



Industrial demands are no longer just limited to delivery deadlines and to stock reduction. Each manufacturer must satisfy the customer/consumer's demand : put more innovative products on the market in accordance with regulations, do so before the competition, and must guarantee the reliability and the origins of the used material and components, ...  
PRODUCIM® ensures the genealogy of the product, the traceability of the process and flows.

## A good image has no price

Maintain a good corporate image means to prove that a production of good quality is ensured, free of any defect and with no safety risk for the consumer or the end user.

## Producing while guaranteeing quality.

Having a continuous and just vision on the work in progress is necessary to motivate staff in obtaining or increasing the required quality. PRODUCIM® provides in real time analysis data on manufacturing conditions, a reliable and coherent material report. It also ensures the same quality level on all the batches in a lot.

## Reacting in real time

Immediately recalling products which are not conform to safety standards or at risk, intervening as quickly as possible on current production and rectifying problems straightaway are the safety measures that industrials owe their customers. Thus, PRODUCIM® centralises the analysis of all the produced batches, process parameters, ... It also easily finds and follows up information on products and the origin of batches.

## Regulations and standards abided by

PRODUCIM® helps to abide by the regulations constraints and to respect good manufacturing and standard practices which are in force.

## Easily collected data

Traceability data acquisition, parameters to be traced and generation of product batches can be done automatically or manually (PC, radio terminal, barcode reader).

PRODUCIM® enables a paperless piloting and management.



# PRODUCIM®

manages traceability and genealogy

## Information restitution

Synthesis charts, file batches, recall plans, products genealogy (components/composed links), upward and downward retrievals, visualisation of batches parameters on different types of screens and exploitation reports which enable a rapid visualisation of the requested information, checking the products quality and the match with the requirements and fixed targets.

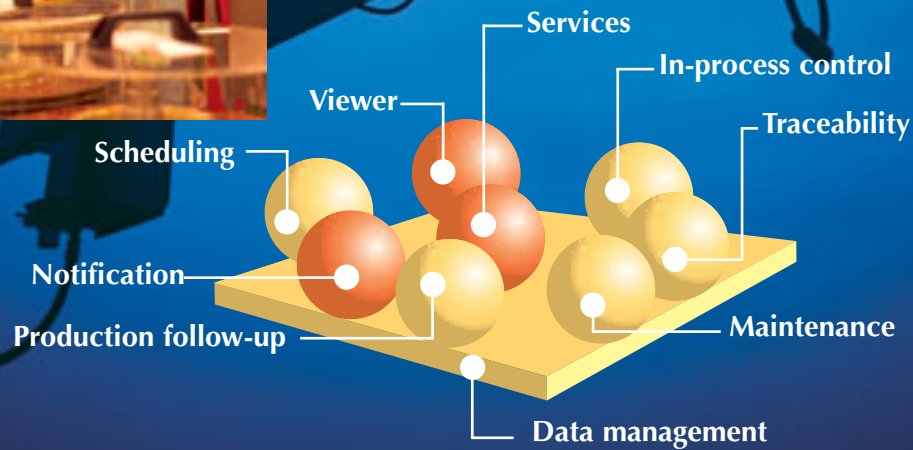


## Everything can be parameterized

From the parameter to be traced, to the product itself, the range or the process, the operations for which you need to carry out data acquisition and the integration of the products, up to automatic reading addresses of the parameters.

# PRODUCIM®

One single programme  
shared by a group of modules



Measuring, collecting  
the information and important data  
in order to **optimise**  
all the resources



## An investment per module

Complementary to its functional modules (Data management, Production follow-up, Traceability and Genealogy, Scheduling, In-Process Control, ...), PRODUCIM® offers a range of utilities : the Viewer (management of display panels), the Notification (automatic diffusion of the information), the Services (redundant acquisition, automatic monitoring, query tool, ...)

## Project management

Our methodologies, as well as our experience, guarantees you a perfect control of inclusive integration projects while respecting your schedule deadlines and the required quality, from the specification up to the maintenance.

## Integration according to ISA S95 standard

Mastering current technology (PLC, OPC, RFID, barcode reader,...), Courbon carries out turnkey systems : from the sensor to the ERP.

## Maintenance and hotline

We also offer complementary to the integration project, preventive, adaptable, func-

tional and changeable maintenance contracts. Moreover, our hotline has specialists and a helpdesk tool guaranteeing you the best service.

## Training

Within the framework of the project, or in addition to it, we also offer all the training necessary for operational teams.