



# Libellula.VISIO

## Production control and validation

*Industrial manufacturing control  
Synergy driver for the enterprise  
Optimization of business performance*



# Scenario

## *Industrial production evolution*

In response to the growing demand of competition, nowadays is more important than ever, to exploit all possible potential to optimize entire machines and plant life cycle, starting from planning and engineering, through expansion and modernization.

Efficient configurations, fast integration and management, maximum flexibility in production, maximum accessibility, lower energy costs: the market demands are very high. And they will continue to rise.

To be effective, companies need to cooperate through departments and share all informations with each other. Only in this way will be possible to achieve an optimal result.

Management must coordinate administration, sales office, the technical office, workshop and warehouse management optimally.

All these departments need to know the necessary information in order to obey the higher standards and decide the optimal management in the shortest possible time.

Libellula allows you to share all the information Data is centralized in one place into the corporate server platform database: all operators will have access to the necessary information in real time and allow its business with the highest profit.

# Libellula

## *Integrated solutions for sheet metal industry*

Libellula is a suite of integrated applications specifically developed for the sheet metal fabrication business.

Libellula allows full control of information flows in any stage of the process, from concept to designing and editing of parts, till the completion of a project and its practical application into the manufacturing process.

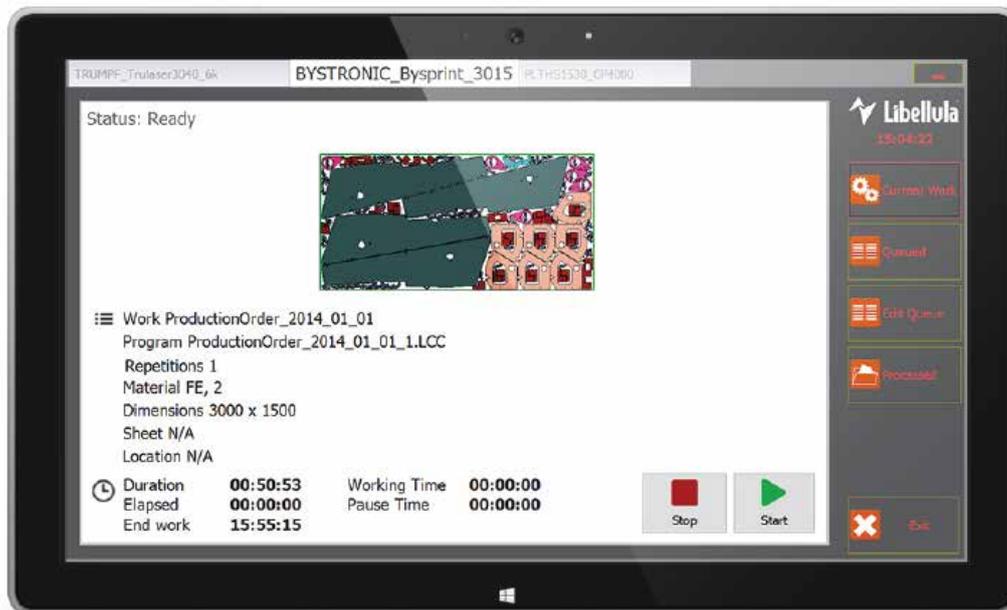
Libellula will increase efficiency and improve overall workflow in technical and production departments, thus resulting in improved productivity.

### **Main achievements:**

- Complete integration among single company departments**
- Flexibility of project implementation**
- Real time control of manufacturing process**
- Avoiding redundancy during data transfer and potential human errors**
- Correction of manufacturing faults**
- High saving of material**
- Time-saving handling of any operation, higher efficiency and possibility to improve manufacturing and delivery times**
- High precision while issuing estimates and cost-based analysis**
- Efficient interaction among ERP, Accountancy and CAM systems**

# Libellula.VISIO

*Simplicity. Processing. Integration.*



Libellula.VISIO allows automated scheduling and monitoring of all sheet metal working processes. Nearly immediate access to all data related to production environment and machine details, such as workload, status of manufacturing orders and delivery deadlines.

- Execution of manufacturing process
- Validation of production
- Warehouse management
- Direct interface to numerical control

## Execution of manufacturing process

The system received from mod.MANAGER the joblists to be executed on a single machine, together with a priority rule defined by the centralized system. The operator will be able either to execute the jobs in the same sequence or to modify the priority on the basis of the manufacturing needs or the operational conditions.

The system allows to access all information which are essential to an efficient production process, by means of a user-friendly graphic interface.

Specifically, the operator will be able to view the following information, for each nesting job:

### 2D views of pieces

**All data associated to the pieces, as quantity, weight, manufacturing orders, customer order, etc.**

**Estimated cutting time of the current job**

**Graphic preview of nestings**

The operator will also be able to generate stickers in printed form, suitable to identify manufactured pieces and to grant traceability of the used material.

# Libellula.VISIO

*Simplicity. Processing. Integration.*



## Validation of production

At every end of a cycle, or in the cases of non-supervised systems, at the moment of a query, Libellula.VISIO prompts for the validation of the manufactured parts.

At this moment, the operator can give the central system a feedback about any faulty parts which should be repeated.

The system will thus handle this input automatically, without any further need of a manual intervention.

At his own choice, the operator will be able to transmit quality-related data concerning the manufactured lots, which will be included into a database suited to monitor and improve manufacturing quality.

The goal is to provide a simple and cost-effective solution to read and transmit relevant workshop data by means of intuitive layouts.

Manual data-entry is reduced to minimum!



## Warehouse management

Each nesting is associated to a sheet plate both by means of a physical identification.

In both cases, Libellula.VISIO will enable fast access to warehouse handling and will allow to move previously chosen sheet plates or real-time chosen sheet plates.

Each movement is monitored in real time and stock figures of available sheet plates are immediately updated.

Libellula.VISIO is an essential tool suited to optimally control and handle scraps to be reused for next jobs



## Direct interface with numerical control

Whenever technically possible, Libellula[VISIO] provides a direct connection to the numerical control, thus making possible to detect, without any intervention of the operator, the following data:

- currently run program
- cutting time of current program
- status and situation of the machine

(i.e. amount of working hours before next maintenance)  
And transmits all these figures to the central system.

# Libellula technical support

*At your service, whenever you need.*



Availability, precision on answering, ability to recognize the problems quickly and to propose the right solutions: these are the guidelines of our technical support.

**Libellula assistance: an immediate, operative and efficient answer.**

The Libellula technical support proposes 3 types of contracts, following the customer requirements. Every customer selects the technical support service in function of his structure and his organization: Libellula always assures the problem solving.

**No postponing, no delay, only solutions.**

## PREMIUM

- ✓ Phone assistance
- ✓ Fax service
- ✓ Email assistance
- ✓ Chat
- ✓ One Clic.SUPPORT]
- ✓ Customer Portal
- ✓ Upgrades and discount

# Services

*Our support, just as you wish*

Our technical support is operational on working days and takes care of customers according to their preferences: by phone, e-mail, chat, fax, remote assistance or VoIP.

Every support channel ensures a fast and exhaustive answer, delivered by expert technicians and software specialists.

**Experience technical support just the way you need it, in just one click.**



## **Phone assistance**

Immediate answer of phone calls: a trained technician is at your service in real time, to solve your doubts and problems



## **Email assistance**

Our technicians are always available and willing to reply to e-mails rapidly and extensively. Utmost care for service, delivering highest efficiency.



## **Chat with our technicians**

Professional chat support for real time answers.  
Excellent service, never leaving the customer without a reply.



## **Fax service**

A fax service, for any non-urgent inquiries, is available. Any of your issues will be examined and followed up.



## **OneClic.SUPPORT**

Technical support through safe internet connection, directly from your application: our technician will directly operate on your computer, delivering immediate solutions.



## **Customer Portal**

The Libellula technical support can be easily contacted through our website: [www.libellula.eu](http://www.libellula.eu). Our portal allows direct access to the service using one of the options you prefer. A great innovation for our most discerning customers.

# S.I. Engineering

*Since 1988, a global presence*



World-leading player on CAM, nesting and PCS solutions for sheet metal working, S.I. Engineering is the favourite partner of more than 12.000 customers in the world.

Leading companies in the automotive, aerospace and naval industry, as well as the most important machine tool manufacturers have found in S.I. Engineering the most diverse solutions matching all their requirements in terms of process optimization and innovation. In our vision, this is the key to continue to be a Leader on the market.

Our professionals, engineers and analyst programmers are steadily studying our entire product range in order to solve branch-specific issues and to deliver the highest service.

Our software systems are put on the market only after a series of positive safety tests, as well as a punctual efficiency and reliability benchmarks. Customer requirements and satisfaction are constantly followed up.

**Because a happy customer is the main target for all of us.**



Sheet Metal Software

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