SOFTWARE SOLUTION

OMS*viewer*

Your supervisory tool

The Object Management Software OMS is a piloting and supervision tool allowing you to optimize your production and to interconnect your data.

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For the management of your production equipment, the Object Management Software OMS is a piloting and supervision tool allowing you to optimize your production and to interconnect your data.			
Optimal resource management	Identification of bottleneck operations	Work-in-progress management	Production Statistics
Condition and monitoring of equipment	Real-time information	Exporting data	Identification of quality problems
SQL server database	Web application		

Optimising your production equipment through optimal flow control is a constant challenge. In order to ensure the expected productivity, CLA has developed a tailor-made solution. The Object Management Software OMS gives you the tools you need to control, monitor and supervise your installations. Particularly adapted to CLA's SMS transport system, it is also suitable for managing other types of equipment. OMS is composed of the OMSrouter, which controls and interacts with the production equipment, and the OMSviewer, a web application that allows you to collect production data and check the status of your equipment.

The OMSviewer is composed of several modules presented below:

OMS*config* - FLEXIBILITY IS THE KEY TO DEVELOPMENT

The evolution and durability of equipment requires flexibility and a simple and efficient configuration. The software allows the management of production lines. Also, you have the possibility to edit new production lines and thus to make your equipment evolve according to your new production requirements. Thanks to the individual identification of each part, the system is able to manage several types of parts simultaneously, as well as to guarantee their tracking and history. The traceability of your production is thus ensured.

OMS*status* - POWERFUL DIAGNOSTIC TOOLS

La réduction au minimum des temps d'immobilisation est une priorité. Vous pouvez visualiser en direct l'état de fonctionnement de votre équipement afin de réagir immédiatement. De plus, des outils d'analyse sur l'historique des pannes vous permettront de réaliser les bonnes actions correctives et préventives.

OMS*flow* - SMOOTH YOUR WORKFLOW

Increase the productivity and efficiency of your production with tools to visualize the balance of your operations and workstations. You will be able to highlight your resource constraints and take the necessary measures in real time or based on a production history.

OMS*perform* - INCREASED PRODUCTION VISIBILITY

Stay in control of production and optimize your throughput times with relevant information. Analyse your deviations on the basis of production quantities and operating times.

OMS*rate* - MONITOR YOUR OPERATIONS

Dashboards will give you the performance indicators of your production. It is thus possible to obtain statistics on the results obtained in a global or detailed manner. Each operation can be monitored. This very powerful tool is essential for the continuous improvement of your products and equipment. It will help you to increase your quality and productivity.

OMS*trace* - IDENTIFICATION AND TRACEABILITY

In OMS, each operation result performed on a part is stored in a Microsoft SQL Server database. Traceability is therefore guaranteed and the production history of a part can be consulted at any time.

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OMS*worker* - LIVE OPERATOR MONITORING

OMSworker - live operator monitoring
An operator is an identified user performing operations on the equipment. This module allows you to analyze production data by operator.

CLA*ident* - INFORMATION FROM A CARRIER OR INSERT USING AN RFID CHIP

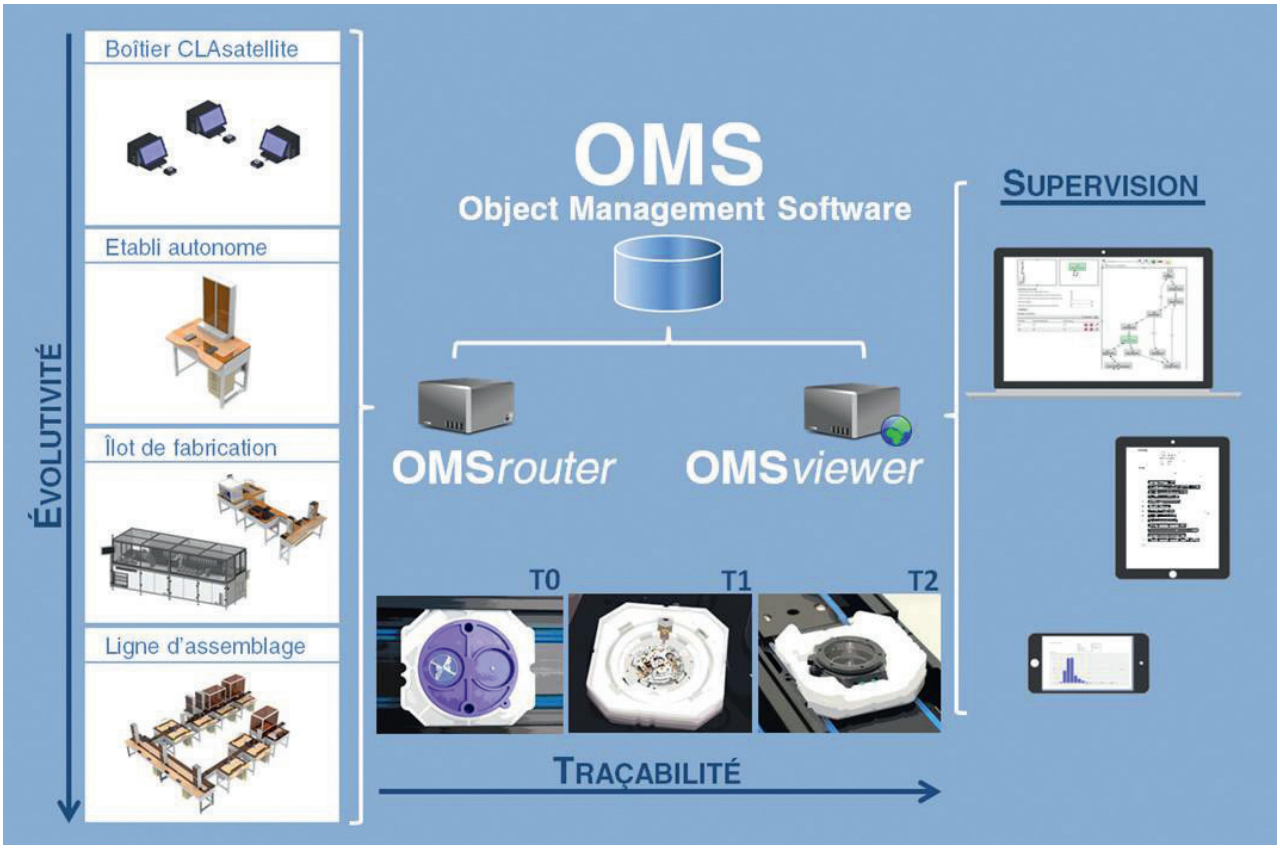
The CLAident makes it possible to identify a part thanks to an RFID reader in order to obtain its production information or to carry out a specific punctual operation.

OMS*export*

Allows the interconnection of production data with other IT systems, according to our standard modules or through the development of customer-specific connectors.

APPLICATION:

- Control and monitoring of SMS assembly lines
- Robot cell control and monitoring
- Control and monitoring of production workshops



For companies in the watchmaking, medical and micro engineering fields, CLA is a supplier of solutions for complex part assembly and advanced micro-couple measurement because it produces Swiss made, flexible, scalable and connected equipment that ensures complete traceability of production data.

More info on our website www.cla.ch

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