

# s.ioi<sup>®</sup>

ERP for businesses,  
for the industry

[silicon-ioi.com](http://silicon-ioi.com)



Latest generation ERP,  
globally accessible at any  
given moment in the cloud



High-level functionalities,  
user-friendly for businesses  
seeking management  
performances



Advanced and flexible  
planning to optimize  
manufacturing



Interactive tablets in the  
factory, in the workshop and  
IOT to stay connected to the  
world



Ergonomics and customization  
for a pleasant environment



'Dashboards', real-time  
analysis, be the pilot of your  
company



Over 40 sophisticated  
applications for the world of  
industry

A PRODUCT  
MADE BY **silicon  
brain** SOFTWARE  
FACTORY

**silicon**<sup>®</sup>  
ERP FOR  
INDUSTRY | **ioi**

## Legacy and Lean management

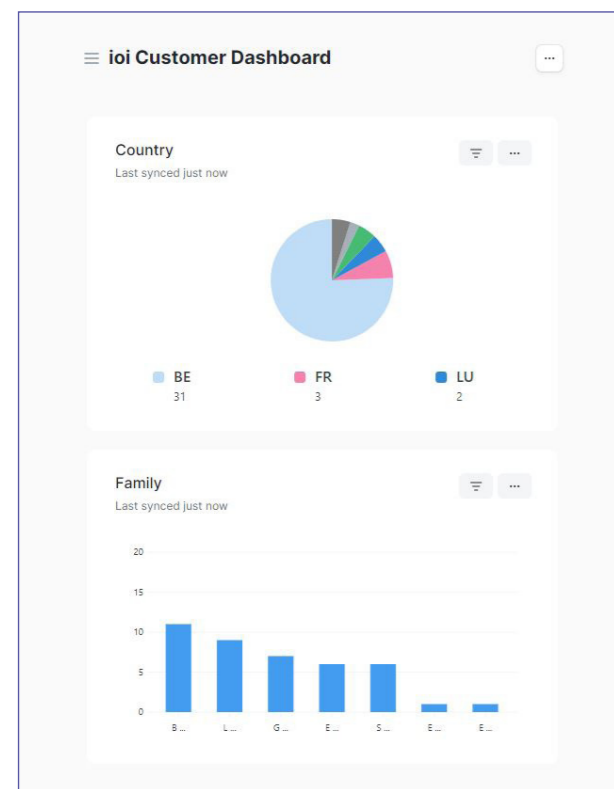
IOI is a 4th generation ERP, completely redesigned and succeeding the ERP Silicon Master suite. Over 6 million lines of code rewritten to keep the essence and the experience, a major technological leap that offers fully revamped ergonomics and a simplified management. Lean management was at the core of our design.

## Operating costs under control, low carbon footprint

IOI runs with a Linux heart, largely available under 'open' license. Very few additional licenses required. Performing equally well, Linux systems consume noticeably less energy than Windows systems. Your carbon footprint will thus be greatly reduced.

## Implementation by experts only

Silicon Brain certifies the VAR Experts (Value Added Resellers) who will implement and maintain your management system. A well-performed installation is indeed essential for an efficient and adaptive use.



## Cloud et multi-topologies

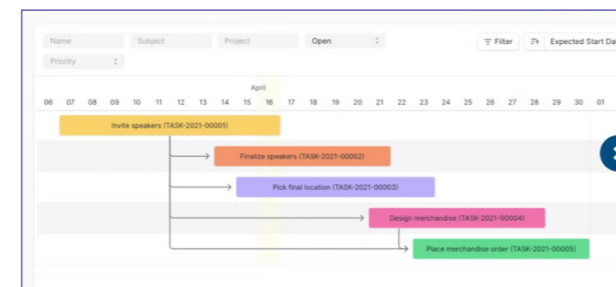
With our globally accessible ERP, your business can spread the wings of its branches all over the world and your workers become nomads. For grounds of security, speed and internet reliability, the onsite server is also available.

## Integrated documents management

Linking documents to the ERP data is paramount. One easy click allows you to attach documents where needed and to decide who can access them according to your rules.

## IOI can talk to other systems

All modules and applications have an (API) interface, using the world JSON/REST standard. Establish consistent and interactive links easily, while meeting security and flow requirements.



## Real production management

Evolved multi-layered bills of materials with formulation, elaborate routings for finely tuned modeling, multiple management modes available, an MRP/JIT engine that can draw upon 30 years of experience and was redesigned following the Lean approach... IOI exhibits all those strong features.

## Real technical project management

Another strong asset of IOI. From straightforward to structured multi-tiered PERT projects, you will have a tool to carry out your projects with monitoring - directly and in detail - of budget, implementation, approach, costs and invoicing.

## Stay close to your team

IOI offers 'tablet' or 'smartphone' applications to follow-up on employees and help with registering working times, be it in workshops, in offices, in engineering offices or on the ground. Your staff will receive the correct Information at the right time, entries and registrations will happen timely and with the utmost precision.

## JIT, MRP, Planning, master plan

IOI was built to help you and to model the best solutions when it comes to purchases, production, planning and managing sub-contracting. At your disposal, a JIT (Just in Time) engine, MRP, PERT (for projects) with finite and infinite capacity, and an allocation system integrating a unique 'anti-domino' concept, which increases reliability and stabilizes workshop and manufacturing activities.

## Ultra-comprehensive stock management

Multi-site, multi-warehouse, multi-location management, set it up in a few clicks, site by site, warehouse by warehouse. Management by batches and by integrated serial numbers. Manage warranties, expiry dates, quarantines for a clear and reliable quality control management.

## Comprehensive industrial sales and supply chain

Full sales and supply chain, available with multi-journal (multi-department), barcodes and automated invoice generation. Highly evolved management of customer and supplier price catalogues. Numerous parameters for price setting

## Integrated accounting

Accounting system made for Belgium, competitive with former market standards but with considerably improved ergonomics and user-friendliness. A variety of automation options to save time. Inject CODAs, create links with banks, produce legal Belgian documents and electronic documentation, give approbation online...



## Customize your environment

Under the guidance or thanks to the work of your VAR Expert, you can add fields in a couple of clicks, easily adapt reports and analysis, create scripts to adjust behaviors required in your line of work.

## Developing trade-specific annex applications

Under the guidance or thanks to the work of your VAR Expert, you can develop trade-specific applications. We provide a full development environment, 'Back-end' in Python, 'Front-end' in JavaScript. The projects you develop will be flawlessly integrated into the software IOI suite.

## WEB, CMS engines included

Manage your website through IOI ! We offer an integrated CMS. Your web designers will of course be needed to create an interactive website, fitting your brand. IOI will also allow you to instantly publish data, making them accessible to all or selected groups only.