



# Case Study

Client: Polish producer of industrial power tools

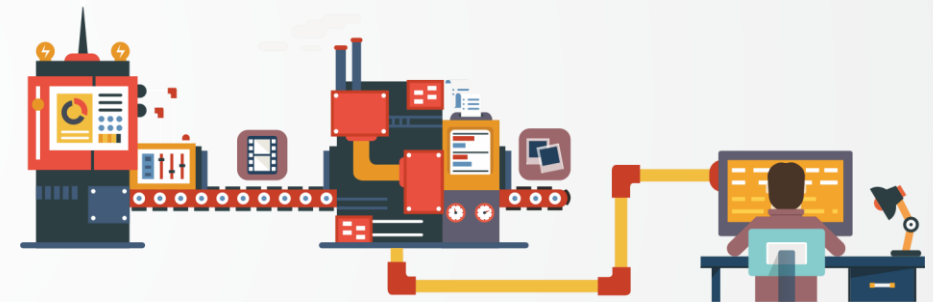


[www.iposystem.com.pl](http://www.iposystem.com.pl)



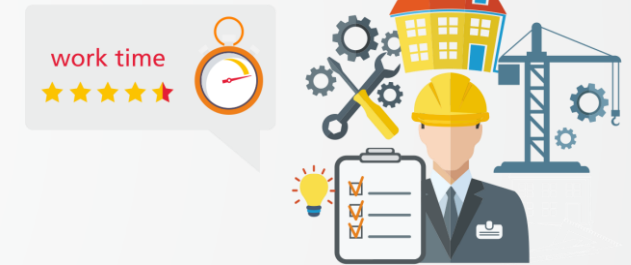
## Company characteristics:

- Production at two locations
- Over 300 products
- Over 90% share of export sales
- Large R&D department



## Client expectations before the implementation:

- Improvement of production order lead times
- Reduction of manufacturing times
- Full control over production processes and resources
- More efficient use of resource available work-times
- Factory productivity increase
- Inventory optimization
- Improvement of production-support departments' management – warehouse, internal transportation, quality control



## Project scope of work:

- Pre-implementation analysis and elaboration of Implementation Concept
- System installation and pre-configuration
- Interconnection with ERP system and applicable data migration
- Defining of processes and resources in the system
- Training
- Equipment delivery – work terminals
- System testing
- Production launch in the system
- Additional features resulted from the Client's specific process needs



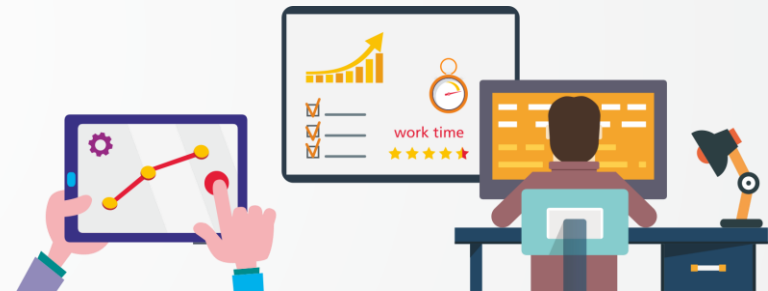
## Company areas covered by the project:

- Machining Department
- Electrical Assembly Department
- Electronic Assembly Department
- Finished Product Assembly (including acceptance process)
- Warehouses
- Internal Transportation Section
- Tools Shop
- Quality Support Department
- Workshop Technology Department
- Prototype Shop



Other departments to be supported by the IPOsystem :

- Delivery Planning
- Purchasing Department
- Commercial Office



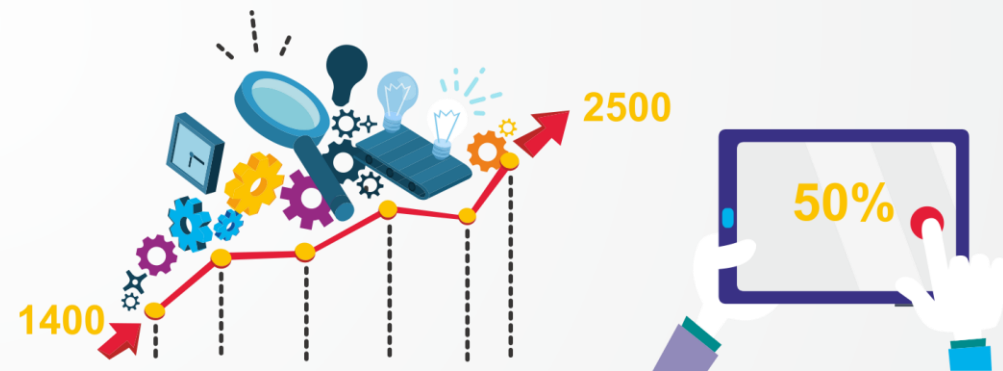
## Timeframe:

- The implementation started in April 2014.
- The implementation was completed in December 2014.



Benefits achieved by the organization as a result of the project realization:

IPOsystem increased the Company productivity by over 50% (before implementation the Company had produced max 1 400 tools monthly, within a year after implementation completion the production raised up to 2 500 tools per month).





## Implementation effects which improved the Company productivity the most:

- autonomous control of resources with optimum order execution path,
- reduction of manufacturing time and costs due to autonomous control
- improved use of worker availability time for task execution in the production halls
- automation of production order generation process (prompt system reaction without human work required – auto-production),
- autonomous internal transportation and quality control management,
- optimization of subcontracting management.



## Extra benefits from system implementation:

- up-to-date information on order and resource status in real time – full control over production processes and resources,
- complete track record of orders (deviations from technologies, changes in BOM, etc),
- reliable current manufacturing costs,
- complex and updated information on purchase needs,
- new roles for foremen and planners in the Company,
- prototype production management.

