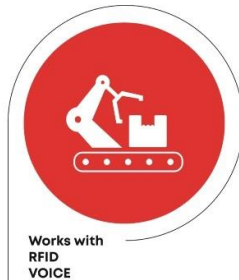


Qguar MES

Manufacturing Execution System



Graphic reports



Messages

Industry specialization

- Food production
- Non-food production
- Chemical and pharmaceutical production
- Heavy engineering

PURPOSE

Qguar MES is tools designed for manufacturing plants where there is a need to accurately measure and manage production costs and resource efficiency (machines, personnel, etc.). By collecting accurate data on all processes involved in the production, the system allows you implementing the «Lean Manufacturing» concept of management, i.e. eliminating wasted time and minimizing costs.

Qguar MES is irreplaceable in work of the enterprises using various control systems: HAC-CP, IFS, SIXSIGMA, etc. The system constantly accumulates information about production processes, making it available for further processing and analysis in accordance with

pre-established service rights.

As a result, the process of making objective and informed decisions becomes simpler for the manager, and the production worker receives a clear personalized action plan for individual operations.

SYSTEM ADVANTAGES

- Increasing the staff and equipment productivity
- Lean Manufacturing Support
- Reduction of production costs
- Integration with industrial automation
- Real-time monitoring for production processes
- Ability to quickly identify and respond to emergencies
- Elimination of paperwork
- Organizing all processes and resources
- Integration with external systems
- Ability to easily and quickly model business processes
- Support of international quality standards
- Modern user interface
- Close integration with external systems

Qguar MES is a comprehensive system of operational management for a production enterprise of any scale. The system allows connecting all production business processes into a single structure. Using Qguar MES, companies are able to perform real-time planning, optimization, control, and documenting of all production processes.

The ability to integrate with external systems (ERP, SCADA, specialized logistics systems) allows you tracking products, components and raw materials at every stage of their life cycle in production - from drawing up the application, through

production, to delivery to the recipient. The collected information about the production process supports the management of the enterprise based on the «Lean Manufacturing» principles. Support of international quality standards by Qguar MES provides the manufacturing company with additional competitive advantages.

The use of detailed reports clearly shows the full picture of the events taking place in the production shop at different levels of detail - from the shift foreman to the plant director.

FUNCTIONAL BLOCKS OVERVIEW



BASIC FUNCTIONALITY

- Recipe Management (GDP)
- Forming the genealogy for the final product
- Modelling and management of business processes in the production
- Management of production orders
- Creation and automatic tailoring of production schedule
- Planning the work for each individual resource
- Production logistics management
- Management of batches and products serial numbers
- Support for the quality control process

