

Industry 4.0 Solutions

Digitalization for Industrial Companies

The Challenge

There is a growing demand from manufacturing companies to be able to perform production, maintenance and production-related work organization tasks in an even more predictable and optimized manner and with less downtime — in order to make the production process more efficient, seamless and cost-effective.

The Solution

With nearly 25 years' experience in software development, DSS Consulting has been increasingly focusing on supporting manufacturing companies. We believe that industrial digitalization provides a solution to many of the challenges manufacturers are facing, delivering quick results in several areas, and improving information flow and planning within the factory. DSS Consulting supports manufacturing companies in a number of ways, including

- custom industrial software development projects to address specific challenges of our customers,
- customizable software solutions for industrial use that can be freely integrated with existing systems and with each other,
- as well as embedded software development and testing.

Industry 4.0 Solutions

DSS StaffManager: Capacity planning and time tracking software

With the help of DSS StaffManager, you can record planned and actual working time that becomes measurable at both the employee and project level. In addition, the operating time of machines can be recorded automatically along system integrations.

DSS OptimAPS: Flexible production scheduling and optimization system

DSS OptimAPS uses a unique linear programming algorithm to optimize the production schedule for the lowest possible cost and time.

DSS WorkflowManager: Standardized workflow software

With the help of DSS WorkflowManager, a flexibly parameterized status map is available for all projects and tasks. You can assign a responsible person, status as well as documents.

DSS Maintenance: Predictive and preventive maintenance support solution

DSS Maintenance provides full support for monitoring maintenance processes. It enables all machines to be recorded at the component level, so you can see the history of component replacement based on its own ID.

DSS SalesTarget: Sales and business planning solution

DSS SalesTarget enables business planning on a customer-by-customer basis, making it possible to track bidding processes and sales information as well.

More information: dss.hu

Key References

- Software development to support strategic Industry 4.0 assembly operations for the Bosch-Rexroth headquarters in Germany
- Greenfield Industry 4.0 software product development for the Lufthansa Technik headquarters in Germany
- Development of an IoT platform for a large German company
- Outsourcing of a whole team for the development of several systems at a manufacturing company
- Embedded development and testing for a large enterprise in Germany

DSS Consulting Zrt.

H-1113 Budapest, Nagyszőlős u. 11-15.

+36 1 345 0900

dss.hu | sales.int@dss.hu

[LinkedIn](#) | [Facebook](#) | [Twitter](#)