



## DSS Maintenance

A solution to support predictive and preventive maintenance

### The Challenge

Many manufacturing companies do not have an integrated maintenance system—neither a knowledge base nor an easy-to-trace maintenance history for each machine. In addition to digital processes, important data is also recorded on paper, which is often lost. In addition, due to unplanned downtime, some machines fall out of production for several days, which can have a serious cost impact.

### The Solution

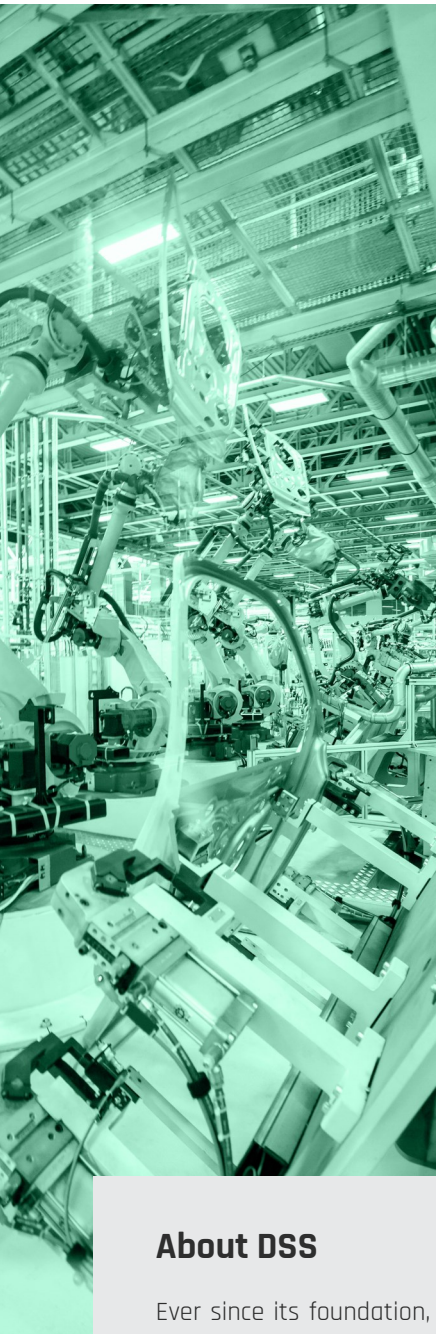
With the help of DSS Maintenance, the complex solution developed jointly by Bosch Rexroth and DSS Consulting, manufacturing companies can

- Realize time and cost savings: Better utilization of operating time, reduced downtime and optimized use of capital through efficient maintenance planning
- Create a Maintenance Knowledge Base: Manuals, failures and repair reports recorded in a single system, allowing the causes of faults to be analyzed



## Key Functions

- Detailed Knowledge Base: name, photo, date and place of commissioning of each machine, status (on / off), weekly operating time, due date of service, etc.
- Detailed Inventory of Spare Parts: detailed information about the parts installed and in stock, including stock, service and replacement history, etc.
- Predictive Module (optional): This module sends preventive alerts on expected failures and component wear (based on the data sent by the sensors built into the machines)
- Event Logs with the list of all events in the system
- Customizable Dashboard: Data on the uptime and downtime of each machine, the service costs for each machine and the service tasks due



## About DSS

Ever since its foundation, DSS Consulting Zrt. has specialized in custom developments, business intelligence systems and analytical solutions. We are proud that our company has pioneered business analytics solutions, data quality assurance and data mining in Hungary. Based on this knowledge and experience, we have expanded our portfolio with industrial digitalization solutions, thanks to which we have been able to effectively help the digitalization efforts of our customers not only in finance, insurance, and telecommunications, but also in the industrial sector for several years. Thanks to our experience of more than 20 years, as independent consultants, we have been focusing on choosing the best solution to each challenge that our customers deal with.

More information:

**DSS Maintenance**

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