



## DSS EfficSensy

A complex tool to support efficient production

### The Challenge

In today's increased competition, the efficiency of production is key; Profitability often largely depends on production efficiency and the minimization of production losses.

Line production is a complex process: Several factors must be optimal at the same time for the production itself to be efficient both in terms of costs and time. Production data is often measured and recorded manually (on paper or in Excel) – errors and inaccuracies during data recording can distort the results, and this also leads to inefficient use of resources.

### The Solution

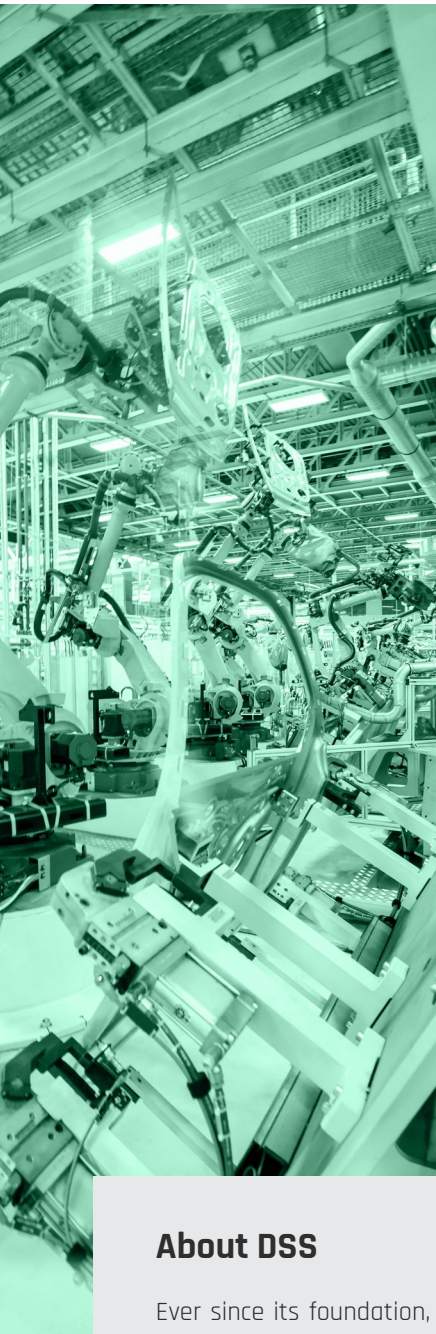
With DSS EfficSensy, the complex solution developed jointly by Bosch Rexroth and DSS Consulting, production quality becomes measurable: The three components of OEE, availability, performance and quality, can be precisely observed and analyzed. Based on this,

- (following the analysis of the data and the implementation of appropriate measures) the efficiency of production increases (higher number of units manufactured, less scrap, lower downtime), so production losses can be minimized;
- thanks to the automated solution, there is no need for manual data recording, so working time savings can be achieved.



## Key Features

- A complex solution: Hardware, Software and Consulting in one
  - Hardware: Sensors installed on the production line measure production data (cycle time, number of pieces, operating status, scrap) and transfer them to a structured database
  - Software: The application analyzes real production data compared to the production plan, and prepares reports on performance, quality and availability
  - Consulting: Based on the findings, we provide Lean consulting in order to further optimize production
- Real production data—without intervention in the production process
- Ease of use
  - Wizard for recording production plan data
  - Customizable authorization levels – defaults: administrator, production planner, production scheduler, production analyst, management
  - Clean user interface
  - Transparent and customizable Dashboard



## 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 EffiSensy >>**

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