

Increase production efficiency with digital Shop Floor Management

# PROFIT OPTIMIZATION WORTH MILLIONS WITH “dSFM”

In morning shop floor meetings, problems are discussed and measures to solve them are defined. In most production companies, shop floor management is already an established tool.

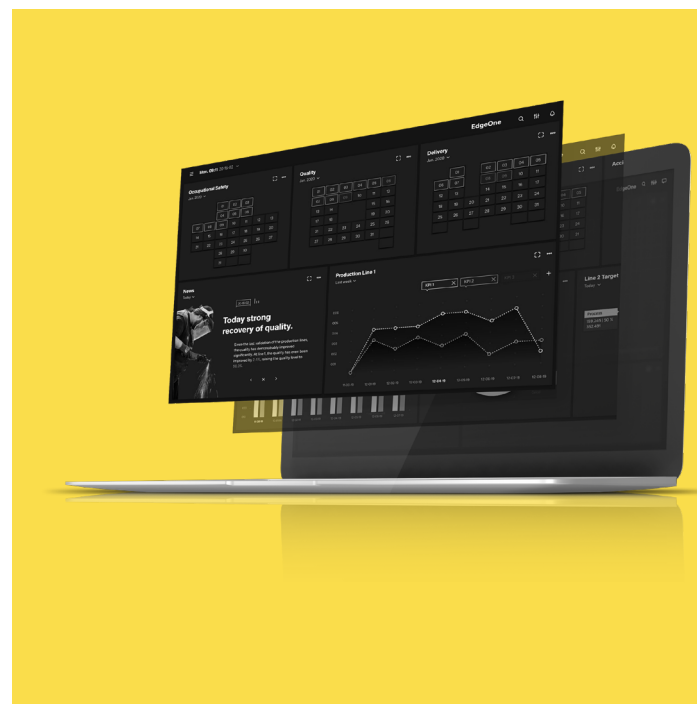
The use of our digital shop floor management (dSFM) solutions opens up new opportunities to further optimize existing processes in the age of Industry 4.0. The key factor here is that data from different sources can be linked and historical shop floor management data is also available at all times. The benefits of “dSFM” for business are considerable: Experience of manufacturing companies with sales of EUR 1 billion: when our digital shop floor management solution is used globally, savings in the millions are possible!

## All shop floor processes at a glance

With the help of digital shop floor management, all relevant information from production, employees, shift events, measures, and much more is continuously recorded, historicized, and made available globally in real time. This makes correlations visible and allows solutions to be derived quickly and effectively.

With our „dSFM“ solution, you can achieve end-to-end digitalization of your shop floor management for demonstrably more effective collaboration and more efficient processes in your company. The solution is the linchpin for the entire shop floor operation: All relevant information is either enriched by employees or collected and processed in real time through automated interfaces to other IT systems.

The cross-plant and cross-company exchange of information is always based on current and consistent data. This provides a sound and comprehensible basis for making decisions.



## The technology behind “dSFM”

Our solution for digital shop floor management runs on EdgeOne – an integrated platform based on a micro-service architecture. EdgeOne is delivered in a scalable, customizable structure and is cloud agnostic – based on Docker Swarm and, in the future, Kubernetes.


Thanks to its microservice-based architecture and continuous deployment, our solution enables extremely fail-safe operation while ensuring that applications are always up-to-date.


The service mesh management of “dSFM” is built on HashiCorp Consul and provides performance measurement and testing, self-analysis of each service including versioned dependencies, commissioning or restart, and centralized storage for service configuration.


Thanks to our “Inspire” design system, which we developed specially for EdgeOne, “dSFM” is also visually the ideal solution for shop floor management. The user interface is based on HTML5 and can be switched between day and night modes. The responsive design also enables optimized platform access via different end devices.


## “dSFM”: YOUR SOLUTION FOR MAXIMUM EFFICIENCY IN SHOP FLOOR MANAGEMENT


### THE ADVANTAGES OF “dSFM” AT A GLANCE


 Information available globally and in real time


 Automated data processing thanks to integration with existing IT systems


 Aggregates key data and actions at all levels

 Continuous deployment

 Event based communication & event sourcing

 Bottom-up and top-down data analysis and cascades

 Multi-site visualizations of process and business data

 Comprehensive problem-solving process

Get in touch! →