# EAM 4 FACTORY®

# Effective Management of the Maintenance Process

**Reducing costs by maintaining production continuity, avoiding unplanned equipment downtime.**

When carrying out process operations, it is necessary to maintain the right technical condition of used machines and equipment. The appropriate management of planned inspections and the effective handling of failures are very important.

## What is EAM 4FACTORY?

Software supporting comprehensive management of a modern maintenance department. Full functionality enabling effective management of company assets. Handling of events concerning machines and equipment reported by the production department as well as repair orders allowing working times of engineers to be recorded and parts and consumables to be reserved and released from the warehouse.

## Why to use EAM 4FACTORY?

- Better efficiency and effectiveness of production resource management
- Lower capital and operating costs
- Effective resource lifecycle management
- Increased productivity of machines and equipment
- Intuitive and easy to use user interface
- Built-in reports for data analysis

## List of machines and equipment

- Production resources defined in a resource tree structure
- List of machines and equipment together with technical documentation
- Additional attributes that describe resource parameters according to procedural requirements

**Organised records of machines, parts, tools, and other production resources**

## Repair notifications and orders

- Recording failures, changeovers, adjustments and repairs
- Engineer's working time and wear of parts for repair orders
- Statistics and reports on works performed

**Complete traceability of maintenance department works**

## Preventive work plan based on calendar, hours of operation or technical condition

- Defining inspection templates for multiple resources
- Automatic generation of inspection recommendations
- Notifications of required inspections to groups of employees

**Easier control and handling of preventive works**

"EAM 4FACTORY can be easily accessed from any place within and outside the company. You can work on desktop PCs, laptops, tablets, and other mobile devices using a web browser and a mobile app, simultaneously maintaining a high level of confidentiality and data security."

Marek Lebiocki, Senior Consultant, DSR S.A.

DSR

# How EAM 4FACTORY Works to Achieve Business Benefits?

### Handling of Repair Orders and Preventive Inspections

- Handling of the entire process path: from failure reporting to closing the repair order by an engineer
- Fewer failures and less production downtime thanks to reliable preventive works
- Increasing resource productivity

### Scalable Solution for Factories 4.0

- Easy and fast deployment combined with a safe and scalable connection with data in the Microsoft Azure cloud
- Lower investment costs and flexible licensing system
- Smart digital manufacturing with instant ROI

### System Open to Every Business Needs

- Access to appropriate additional services and easy integration with the existing IT infrastructure
- Open IT environment supporting extensions and additions
- High-quality services at lower costs

**EAM 4FACTORY**

**Our obligations:**

The EAM 4FACTORY system makes it possible to achieve full traceability of repairs and preventive inspections. It improves the productivity of machines and equipment, filling the gaps in this respect in most ERP systems.

### Tangible Benefits and Expected Results

- **For Maintenance Coordinators**: real-time information on reported events allows for efficient assignment of employees based on their qualifications and skills.
- **For Maintenance Managers:** built-in reports, allowing the technical condition of resources and engineers' work efficiency to be evaluated
- **For the Company**: improving production efficiency by increasing the productivity of machines and equipment

### Why DSR?

DSR is a supplier of project management, consultancy services and IT solutions that increase effectiveness of a company's operations in the production sector. DSR team combines in-depth knowledge of international companies with expert knowledge of utilising IT tools that support manufacturing and distribution processes. That ensures optimisation and integration of internal processes which is necessary for manufacturing companies to grow rapidly.