

COMPOSITION



INTRA-FACTORY PREDICTIVE MAINTENANCE

INDUSTRY 4.0 ↔ MAINTENANCE 4.0 ↔ PREDICTIVE MAINTENANCE

COMPOSITION IIMS ADVANTAGES (Integrated Information Management System)

- Trusted and secure, single sign-on authentication
- Dockerised web-based applications
- Multiple methods for data analytics
- Decision Support System with user-specific rules
- Use of standards for data representation

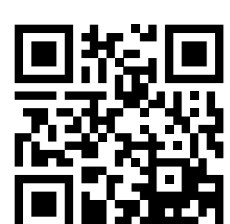
1. PHYSICAL WORLD
Digital records from sensors,
BMS, data transfer, data backup

2. ANALYTICS TOOLS
Real-time early malfunction
diagnosis, forecasting, ANN,
deep learning

3. DSS
Parameterisable Decision Support
FSM Rule Engine, KPIs and data
visualization, notifications

PILOT TRIALS

- Boston Scientific Limited, Manufacturing of pacemakers
- KLEEMANN Hellas ABEE, Manufacturing and trading of complete lift systems



Ecosystem for Collaborative Manufacturing
Processes - Intra- and Interfactory Integration
and Automation (September 2016-2019)

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