

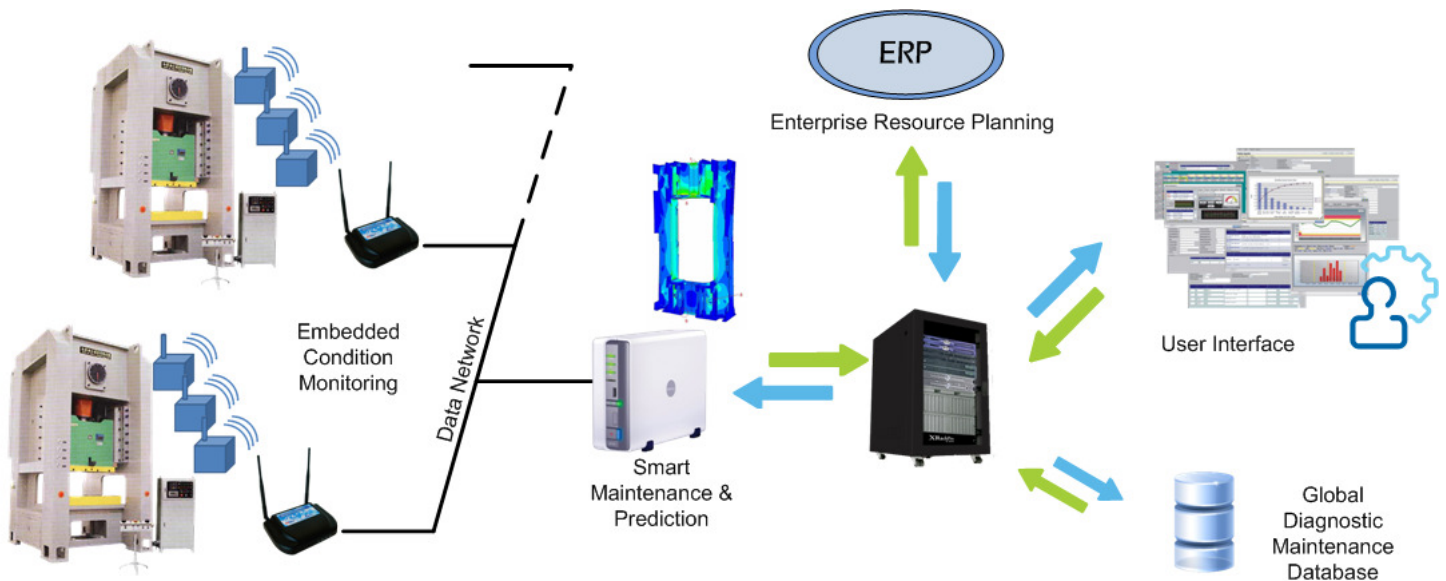
A Novel Decision Support System for Intelligent Maintenance

“iMain” is a European research project which aims to develop a novel decision support system for predictive maintenance. Our envisaged maintenance system integrates embedded information devices and artificial intelligence techniques for knowledge extraction with novel reliability & maintainability practices. The resulting solution will provide extended capabilities compared to those achievable with current state-of-the-art maintenance practices.

Outcomes will be

- an increased system lifetime of the production equipment
- lower maintenance cost
- higher reliability of the whole process

The project results will be demonstrated on highly stressed forming machine tools.



Predictive maintenance concept

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