

Survey: The future of production planning

Motivation

Technological and market trends are opening up new opportunities to expand planning solutions, in particular through:

- **Artificial intelligence (AI): Use as a decision-making aid through to fully automated production and machine optimisation.**
- **Software-as-a-Service (SaaS): Flexible provision of production planning functions.**
- **Alternative integration concepts: Discussion about integration into ERP, MES or APS systems to design modern IT system landscapes.**

However, it remains unclear to what extent these developments fulfil the requirements of user companies and overcome operational challenges.

Objective

Development of a comprehensive study that analyses:

- Key trends and technologies that are revolutionising the industry.
- Their impact on production planning and IT systems.

Results (planned findings)

- Overview of current challenges in production planning.
- Best practices for efficient production planning.
- Prioritised development paths for IT solutions in the context of production planning.

Call for participation

Support us in disseminating the study and make the results available to your interest group! All participants will receive a 50% discount on the participation fee for the 'Business Applications' practice day on 24 June and the CBA Aachen 2025 on 25 June. In addition, if you are interested, all participants will be entered into a prize draw to win 5 free tickets for the practical day and the CBA Aachen 2025 and have the opportunity to take part in an expert exchange with the Centre Integrated Business Applications on the topic of production planning.

Contact



Martin Perau
Project Manager
Center Integrated Business Applications (CIBA)
Martin.Perau@fir.rwth-aachen.de

Link to the survey: <https://fir-aachen.limequery.com/142489?lang=en>

Project partner:



Duration of the study:
ca. 15 minutes

Languages:
German and English