

# **Structuring the Anticipated Benefits of the Fourth Industrial Revolution**

*Completed Research*

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## **Abstract**

The digitalization of production facilities and the accompanying changes are anticipated to transform entire industries posing a fierce pressure on companies to deal with these developments regarding their information technology management. To lay the foundation for the development of corresponding business strategies, we structure benefits of Industry 4.0 through a structured literature review and categorize them using an established framework for IS benefits. Benefits for companies arise within four dimensions and concern various issues ranging from production related benefits to superordinate benefits affecting the business model. To conclude, managerial implications resulting from dependencies and the variety of benefits are presented.

## **Keywords**

Industry 4.0, benefits framework, organizational perspective, structured analysis.