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Starting points for digital shop floor management in production enterprises

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Abstract

Digital shop floor management (dSFM) can enhance analogue SFM through quicker response times or better availability of data. While companies can have a common goal to implement dSFM, the way to implement dSFM and the starting situations, may be very different. The goal of this paper is to identify different starting points for dSFM. To achieve this, 200 employee representatives of production companies were asked in a study about their conditions within production. The data is grouped using a cluster analysis to identify different starting situations for dSFM. The clustering will take place along three dimensions using the approach of human-technology-organization.

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