

Production Planning & Control >
The Management of Operations

Volume 27, 2016 - Issue 7-8: Production Systems: Successful Applications and New Challenges Part 1

935 | 9

Views | CrossRef citations to date | Altmetric

0

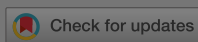
Original Articles

Improving the logistics of a constant order-cycle *kanban* system

Cristovao Silva, Luis Miguel Ferreira, Matthias Thürer & Mark Stevenson

Pages 650-659 | Received 12 Jun 2015, Accepted 27 Oct 2015, Published online: 11 Apr 2016

Cite this article



Sample our Economics, Finance, Business & Industry journals, sign in here to start your access, latest two full volumes FREE to you for 14 days

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

[Read this article](#)

Abstract

Kanban systems are simple, effective means of improving production that are widely applied in practice. Based on the logistic process involved, kanban systems can be divided into constant order quantity and constant order cycle systems. The former has received relatively little attention, which is a pity as it is a simple manufacturing system. The latter, the constant order cycle kanban system, is a more complex system. It has been shown that it can improve production by reducing variability in the production process, reducing the mean route time and eliminating the need for routes to be eliminated through the elimination of two operators. The logistic process appears to have a

We Care About Your Privacy

We and our 841 partners store and/or access information on a device, such as unique IDs in cookies to process personal data. You may accept or manage your choices by clicking below, including your right to object where legitimate interest is used, or at any time in the privacy policy page. These choices will be signaled to our partners and will not affect browsing data. [Privacy Policy](#)

We and our partners process data to provide:

Use precise geolocation data. Actively scan device characteristics for identification. Store and/or access information on a device. Personalised advertising and content, advertising and content measurement, audience research and services development.

List of Partners (vendors)

I Accept

Essential Only

Show Purpose



significant impact on kanban performance. Consequently, kanban implementations should not only focus on the kanban system itself but also on the other processes involved. Future research should therefore explore how resources can best be allocated between the different aspects required for a successful kanban implementation.

Keywords: Kanban systems milk run case study

Related research

People also read

Recommended articles

Cited by
9



Information for

- Authors
- R&D professionals
- Editors
- Librarians
- Societies

Opportunities

- Reprints and e-prints
- Advertising solutions
- Accelerated publication
- Corporate access solutions

Open access

- Overview
- Open journals
- Open Select
- Dove Medical Press
- F1000Research

Help and information

- Help and contact
- Newsroom
- All journals
- Books

Keep up to date

Register to receive personalised research and resources by email

 Sign me up



✕