



1st ed. 2018, XII, 237 p. 234 illus. in color.

### Gedrucktes Buch

Hardcover

Ca. 56,07 € | Ca. £44.99 | Ca. \$69.99

[1]Ca. 59,99 € (D) | Ca. 61,68 € (A) |

Ca. CHF 62,00

### eBook

Erhältlich bei Ihrer Bibliothek oder  
[springer.com/shop](http://springer.com/shop)

### MyCopy [3]

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](http://springer.com/mycopy)

Jürgen Kletti, Rainer Deisenroth

# MES Compendium

Perfect MES Solutions based on HYDRA

- Helps to find a practical way towards Industry 4.0 and smart production for your manufacturing
- MES Hydra is described as a perfect example covering all production areas and departments
- Easy and quick to deploy with low risks, MES in modular structure with plenty of standard functions
- Contains numerous description and color illustration to show how a modern MES works
- From Big Data to Smart Data, Hydra offers various analysis and reports

Manufacturing Execution System (MES) is the central part and data hub in a manufacturing environment, connecting ERP and shop floor through horizontal and vertical integration. As a perfect example of modern and Industry 4.0 orientated MES, HYDRA is described, basically modular structured with plenty of standard functions, covering all production areas and departments in a factory, such as machine connectivity, production management, production logistics, quality management, resource management, energy management, and HR. Collecting vast real-time production data is just the very first step, where many MES systems linger about. More important is to analyze and utilize mass production data, turning Big Data into Smart Data. MES Hydra offers various analysis tools and reports for the sake of efficiency and transparency.

40% Autorenrabatt lebenslang



Erhältlich bei Ihrem Buchhändler oder – Springer Customer Service Center GmbH, Haberstrasse 7, 69126 Heidelberg, Germany / Call: + 49 (0) 6221-345-4301 / Fax: +49 (0)6221-345-4229 / Email: [customerservice@springer.com](mailto:customerservice@springer.com) / Web: [springer.com](http://springer.com)

[1] € (D) sind gebundene Ladenpreise in Deutschland und enthalten 7% MwSt; € (A) sind gebundene Ladenpreise in Österreich und enthalten 10% MwSt. CHF und die mit [2] gekennzeichneten Preise für elektronische Produkte sind unverbindliche Preisempfehlungen und enthalten die landesübliche MwSt. Programm- und Preisänderungen (auch bei Irrtümern) vorbehalten. Es gelten unsere Allgemeinen Liefer- und Zahlungsbedingungen. Springer-Verlag GmbH, Handelsregistersitz: Berlin-Charlottenburg, HR B 91022. Geschäftsführung: Haank, Mos, Hendriks