Demand-Driven Inventory Optimization and Replenishment: Creating a More Efficient Supply Chain, 2nd Edition
Robert A. Davis

E-Book 978-1-119-22041-1 December 2015 $30.00
Hardcover 978-1-119-17402-8 January 2016 Print-on-demand $49.95
O-Book 978-1-119-22042-8 December 2015 Available on Wiley Online Library

DESCRIPTION

Remove built-in supply chain weak points to more effectively balance supply and demand

Demand-Driven Inventory Optimization and Replenishment shows how companies can support supply chain metrics and business initiatives by removing the weak points built into their inventory systems. Beginning with a thorough examination of Just in Time, Efficient Consumer Response, and Collaborative Forecasting, Planning, and Replenishment, this book walks you through the mathematical shortcuts set up in your management system that prevent you from attaining supply chain excellence. This expanded second edition includes new coverage of inventory performance, business verticals, business initiatives, and metrics, alongside case studies that illustrate how optimized inventory and replenishment delivers results across retail, high-tech, men's clothing, and food sectors.

Inventory optimization allows you to avoid out-of-stock situations without impacting the bottom line with excessive inventory maintenance. By keeping just the right amount of inventory on hand, your company is better able to meet demand without sacrificing the cost-effectiveness of other supply chain strategies. The trick, however, is determining "just the right amount"—and this book provides the background and practical guidance you need to do just that.

- Examine the major supply chain strategies of the last 30 years
- Remove the shortcuts that prohibit supply chain excellence
- Optimize your supply/demand balance in any vertical
• Overcome systemic weaknesses to strengthen the bottom line

Inventory optimization is benefitting companies around the world, as exemplified here by case studies involving Matas, PWT, Wistron, and Amway. When inefficiencies are built into the system, it's only smart business to identify and remove them—and implement a new streamlined process that runs like a well-oiled machine. *Demand-Driven Inventory Optimization and Replenishment* is an essential resource for exceptional supply chain management.

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**ABOUT THE AUTHOR**

**ROBERT A. DAVIS** is a Principal Product Manager in the Supply Chain Management Solutions group at SAS Institute. Prior to joining SAS, Davis worked for over twenty years with Nestlé and ConAgra in their Grocery Products Divisions. During that time, he helped develop best practices in account management, trade spending analysis, and replenishment planning. He has been recognized with national awards for excellence in sales and business management. At SAS, he has helped develop expertise in supply chain cost analysis in the fast-moving consumer products industry, inventory optimization, service parts optimization, and sales and operations planning. He is a recognized global expert in multi-echelon inventory and replenishment optimization.

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