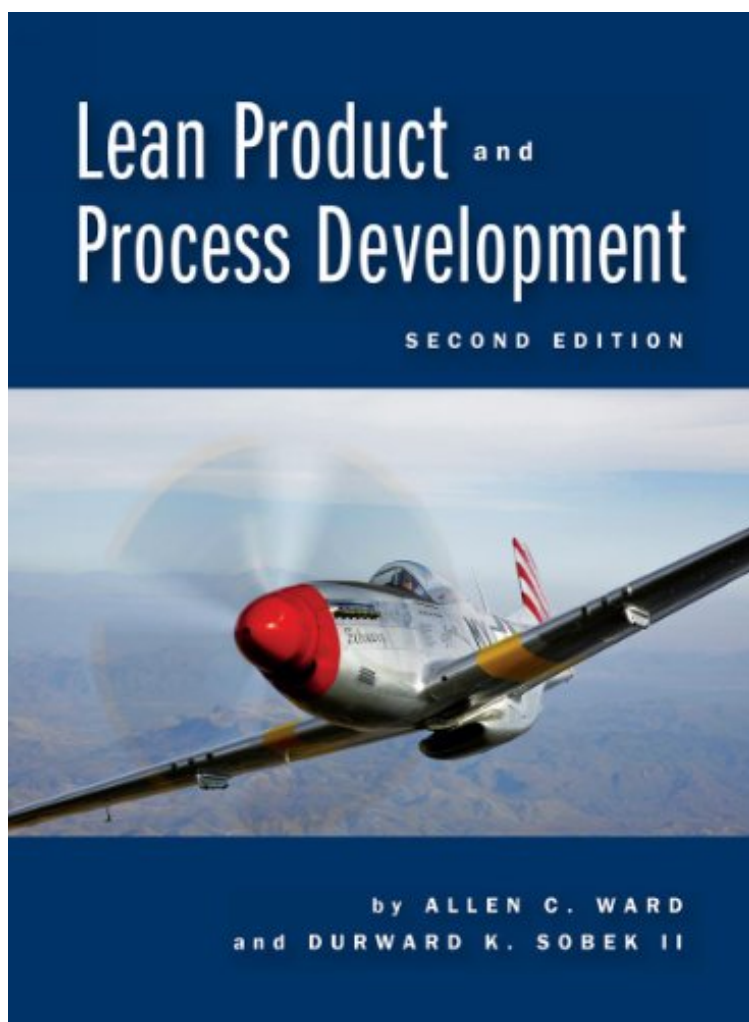


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# Lean Product and Process Development, 2nd ed. (English Edition)



*Par Allen Ward, Durward Sobek*  
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## Description :

Prsentation de l'diteurLean Product and Process Development, Second Editionby Ward, Allen C. and Sobek II, Durward K."The P-51 Mustangperhaps the finest piston engine fighter ever builtwas designed and put into flight in just a few months. Specifications were finalized on March 15, 1940; the airfoil prototype was complete on September 9; and the aircraft made its maiden flight on October 26. Now that is a lean development process!" Allen Ward and Durward Sobek, commenting on the development of the P-51 Mustang and its exemplary use of trade-off curves. Shingo Research and Professional Publication Award recipient, 2008Despite attempts to interpret and apply lean product development techniques, companies still struggle with design quality problems, long lead times, and high development costs.To be successful, lean product development must go beyond techniques, technologies, conventional concurrent engineering methods, standardized engineering work, and heavyweight project managers. Allen Ward showed the way.

In a truly groundbreaking first edition of *Lean Product and Process Development*, Ward delivered -- with passion and penetrating insights that cannot be found elsewhere -- a comprehensive view of lean principles for developing and sustaining product and process development. In the second edition, Durward Sobek, professor of Mechanical and Industrial Engineering at Montana State University and one of Ward's premier students edits and reorganizes the original text to make it more accessible and actionable. This new edition builds on the first one by: Adding five in-depth and inspiring case studies. Including insightful new examples and illustrations. Updating concepts and tools based on recent developments in product development. Expanding the discussion around the critical concept of set-based concurrent engineering. Adding a more detailed table of contents and an index to make the book more accessible and user-friendly. *The True Purpose of Product Development* Ward's core thesis is that the very aim of the product development process is to create profitable operational value streams, and that the key to doing so predictably, efficiently, and effectively is to create useable knowledge. Creating useable knowledge requires learning, so Ward also creates a basic learning model for development. But Ward not only describes the technical tools needed to make lean product and process development actually work. He also delineates the management system, management behaviors, and mental models needed. In this breakthrough text, Ward: Asks fundamental questions about the purpose and value added in product development so you gain a crystal clear understanding of essential issues. Shows you how to find the most common forms of knowledge waste that plagues product development. Identifies four cornerstones of lean product development gleaned from the practices of successful companies like Toyota and its partners, and explains how they differ from conventional practices. Gives you specific, practical recommendations for establishing your own lean development processes. Melds observations of effective teamwork from his military background, engineering fundamentals from his education and personal experience, design methodology from his research, and theories about management and learning from his study of history and experiences with customers. Changes your thinking forever about product development. *Présentation de l'auteur* *Lean Product and Process Development, Second Edition* by Ward, Allen C. and Sobek II, Durward K. "The P-51 Mustang perhaps the finest piston engine fighter ever built was designed and put into flight in just a few months. 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