

User's Guide to Rapid Prototyping

By Todd Grimm

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User's Guide to Rapid Prototyping By Todd Grimm

In an age where better, faster, and cheaper is the mantra for product development, rapid prototyping is recognized for its ability to help companies achieve these goals simultaneously. However, determining when to apply rapid prototyping requires an understanding of the technology, the process, and its strengths and weaknesses. User's Guide to Rapid Prototyping will help designers, engineers, executive management, and others in the company understand how to apply rapid prototyping technologies such as 3D printing, stereolithography, selective laser sintering, and fused deposition modelling to the product development process. Intertwined with rapid prototyping, the processes of rapid tooling and rapid manufacturing are also discussed. An aid to making informed business decisions, the book provides information about when it may be right to implement rapid prototyping in-house versus going to a service provider. The path through justification, evaluation, and implementation is outlined. Readers will gain insights into the benefits, risks, and limitations of each technology.

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Editorial Review

About the Author
Todd Grimm has a bachelor's degree in mechanical engineering from Purdue University. He has been active in the field of rapid prototyping since 1990 and is considered to be one of the leading experts on the topic. His experience with the technology comes from hands-on-work with various rapid prototyping systems in a service bureau environment. Today, he is a consultant to industry and president of T.A. Grimm & Associates, Inc.

Recognized as one of the top speakers in the rapid prototyping industry, Todd Grimm has delivered numerous presentations, seminars, lectures, and keynote addresses. He is also an accomplished author with many articles and white papers to his credit. Since 1997, he has served as an advisor for the Society of Manufacturing Engineers' Rapid Prototyping & Manufacturing conference.

Users Review

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