

#### **The Design for Trustworthy Software Compilation**

## Launching a Design for Trustworthy Software (DFTS) Initiative

Bijay K. Jayaswal Peter C. Patton

This article is an adaptation of Chapter 21 from the book *Design for Trustworthy Software* by Bijay K. Jayaswal and Peter C. Patton (0-13-187250-8, Prentice Hall).



What This Short Cut Covers3
Introduction4
DFTS and the PICS Framework5
Plan6
Implement7
Control16
Secure27
Application in Small Software
Firms and e-Cottages36
What's Next?37
Key Points37
Additional Resources40
Internet Exercises40
Review Questions41
Discussion Questions41
Endnotes42
What's in the Book Design for
Trustworthy Software44
About the Authors49
The Design for Trustworthy Software
Digital Short Cut Compilation50

Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks. Where those designations appear in this work, and the publisher was aware of a trademark claim, the designations have been printed with initial capital letters or in all capitals.

The authors and publisher have taken care in the preparation of this work, but make no expressed or implied warranty of any kind and assume no responsibility for errors or omissions. No liability is assumed for incidental or consequential damages in connection with or arising out of the use of the information or programs contained herein.

Visit us on the Web: www.prenhallprofessional.com

Copyright © 2007 Pearson Education, Inc.

All rights reserved. Printed in the United States of America. This publication is protected by copyright, and permission must be obtained from the publisher prior to any prohibited reproduction, storage in a retrieval system, or transmission in any form or any means, electronic, mechanical, photocopying, recording, or likewise. For information regarding permissions, write to:

Pearson Education, Inc.
Rights and Contracts Department
One Lake Street
Upper Saddle River, NJ 07458
United States of America
Fax: (201)236-3290

ISBN 0-13: 978-0-13-235137-9 ISBN 0-10: 0-13-235137-4

First release, March 2007

# Launching a Design for Trustworthy Software (DFTS) Initiative (Digital Short Cut)

### **Table of Contents**

What This Short Cut Covers

Introduction

DFTS and the PICS Framework

Plan

Implement

Control

Secure

Application in Small Software Firms and e-Cottages

Whats Next?

**Key Points** 

Additional Resources

**Internet Exercises** 

**Review Questions** 

**Discussion Questions** 

**Endnotes** 



### **Table of Contents**

Whats in the Book Design for Trustworthy Software
About the Authors
The Design for Trustworthy Software Digital Short Cut Compilation

