

FOURTH EDITION

PROJECT MANAGEMENT

CASE STUDIES

HAROLD R. KERZNER, Ph.D.

PROJECT MANAGEMENT

CASE STUDIES, FOURTH EDITION

PROJECT MANAGEMENT

CASE STUDIES, FOURTH EDITION

HAROLD KERZNER, Ph.D.

*Senior Executive Director for Project Management
The International Institute for Learning
New York, New York*



WILEY

John Wiley & Sons, Inc.

Cover Illustration: xiaoke ma/iStockphoto

This book is printed on acid-free paper. ☺

Copyright © 2013 by John Wiley & Sons, Inc. All rights reserved.

Published by John Wiley & Sons, Inc., Hoboken, New Jersey
Published simultaneously in Canada

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600, or on the web at www.copyright.com. Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6011, fax (201) 748-6008, or online at www.wiley.com/go/permissions

Limit of Liability/Disclaimer of Warranty: While the publisher and author have used their best efforts in preparing this book, they make no representations or warranties with the respect to the accuracy or completeness of the contents of this book and specifically disclaim any implied warranties of merchantability or fitness for a particular purpose. No warranty may be created or extended by sales representatives or written sales materials. The advice and strategies contained herein may not be suitable for your situation. You should consult with a professional where appropriate. Neither the publisher nor the author shall be liable for damages arising herefrom.

For general information about our other products and services, please contact our Customer Care Department within the United States at (800) 762-2974, outside the United States at (317) 572-3993 or fax (317) 572-4002.

Wiley publishes in a variety of print and electronic formats and by print-on-demand. Some material included with standard print versions of this book may not be included in e-books or in print-on-demand. If this book refers to media such as a CD or DVD that is not included in the version you purchased, you may download this material at <http://booksupport.wiley.com>. For more information about Wiley products, visit www.wiley.com.

ISBN 978-1-118-02228-3 (pbk); ISBN 978-1-118-41582-5 (ebk);
ISBN 978-1-118-41861-1 (ebk); ISBN 978-1-118-43358-4 (ebk);
ISBN 978-1-118-48071-7 (ebk); ISBN 978-1-118-48072-4 (ebk)

Printed in the United States of America

10 9 8 7 6 5 4 3 2 1

Contents

Preface xi

1 PROJECT MANAGEMENT METHODOLOGIES 1

- Lakes Automotive 3
- Ferris HealthCare, Inc. 5
- Clark Faucet Company 7
- Creating a Methodology 11
- Honicker Corporation 14
- Acquisition Problem 18

2 IMPLEMENTATION OF PROJECT MANAGEMENT 27

- Kombs Engineering 29
- Williams Machine Tool Company 31
- Wynn Computer Equipment (WCE) 33
- The Reluctant Workers 36
- Hyten Corporation 38
- Macon, Inc. 51
- Continental Computer Corporation 53
- Goshe Corporation 59
- Acorn Industries 65
- MIS Project Management at First National Bank 72
- Cordova Research Group 86
- Cortez Plastics 87

- L. P. Manning Corporation 88
 - Project Firecracker 90
 - Philip Condit and the Boeing 777: From Design and Development to Production and Sales 97
 - The Enterprise Resource Planning Project 121
 - The Prioritization of Projects 130
 - Selling Executives on Project Management 132
 - The New CIO 136
 - The Invisible Sponsor 141
- 3 PROJECT MANAGEMENT CULTURES 145**
- Como Tool and Die (A) 147
 - Como Tool and Die (B) 151
 - Apache Metals, Inc. 154
 - Haller Specialty Manufacturing 156
 - Coronado Communications 157
 - Radiance International 160
- 4 PROJECT MANAGEMENT ORGANIZATIONAL STRUCTURES 163**
- Quasar Communications, Inc. 165
 - Jones and Shephard Accountants, Inc. 170
 - Fargo Foods 174
 - Government Project Management 178
 - Falls Engineering 180
 - White Manufacturing 185
 - Martig Construction Company 187
 - Mohawk National Bank 189
- 5 NEGOTIATING FOR RESOURCES 193**
- Ducor Chemical 195
 - American Electronics International 199
 - The Carlson Project 203
 - Communications Failures 205
- 6 PROJECT ESTIMATING 209**
- Capital Industries 211
 - Polyproducts Incorporated 213

- Small Project Cost Estimating at Percy Company 220
 - Cory Electric 221
 - Camden Construction Corporation 225
 - The Estimating Problem 229
 - The Singapore Software Group (A) 232
 - The Singapore Software Group (B) 238
 - The Singapore Software Group (C) 239
 - The Singapore Software Group (D) 240
 - To Bid or Not to Bid 242
- 7 PROJECT PLANNING 245**
- Greyson Corporation 247
 - Teloxy Engineering (A) 252
 - Teloxy Engineering (B) 254
 - Payton Corporation 255
 - Kemko Manufacturing 257
 - Chance of a Lifetime 261
- 8 PROJECT SCHEDULING 265**
- Crosby Manufacturing Corporation 267
 - The Scheduling Dilemma 270
- 9 PROJECT EXECUTION 275**
- The Blue Spider Project 277
 - Corwin Corporation 293
 - Quantum Telecom 305
 - The Trophy Project 307
 - Concrete Masonry Corporation 310
 - Margo Company 319
 - Project Overrun 321
 - The Automated Evaluation Project 323
 - The Rise, Fall, and Resurrection of Iridium: A Project Management Perspective 327
 - Health Care Partners, Inc. 367
 - McRoy Aerospace 373
 - The Poor Worker 376
 - The Prima Donna 378
 - The Team Meeting 380
 - The Management Control Freak 383
 - The Skills Inventory Project 386

- 10 CONTROLLING PROJECTS 389**
- The Two-Boss Problem 391
 - The Bathtub Period 393
 - Ford Motor Co.: Electrical/Electronic Systems Engineering 396
 - The Irresponsible Sponsors 408
 - The Need for Project Management Metrics (A) 411
 - The Need for Project Management Metrics (B) 416
 - The Need for Project Management Metrics (C) 421
 - The Need for Project Management Metrics (D) 425
 - The Need for Project Management Metrics (E) 428
 - The Need for Project Management Metrics (F) 432
 - The Need for Project Management Metrics (G) 438
 - The Need for Project Management Metrics (H) 441
- 11 PROJECT RISK MANAGEMENT 445**
- The Space Shuttle *Challenger* Disaster 447
 - The Space Shuttle *Columbia* Disaster 497
 - Packer Telecom 504
 - Luxor Technologies 506
 - Altex Corporation 510
 - Acme Corporation 514
 - The Risk Management Department 517
- 12 CONFLICT MANAGEMENT 523**
- Facilities Scheduling at Mayer Manufacturing 525
 - Scheduling the Safety Lab 528
 - Telestar International 530
 - The Problem with Priorities 532
- 13 MORALITY AND ETHICS 535**
- The Project Management Lawsuit 537
 - Managing Crisis Projects 540
 - Is It Fraud? 557
 - The Management Reserve 560
- 14 MANAGING SCOPE CHANGES 565**
- Denver International Airport (DIA) 567

15 WAGE AND SALARY ADMINISTRATION 611

- Photolite Corporation (A) 613
- Photolite Corporation (B) 616
- Photolite Corporation (C) 619
- Photolite Corporation (D) 624
- First Security Bank of Cleveland 630
- Jackson Industries 633

16 TIME MANAGEMENT 637

- Time Management Exercise 639

17 INDUSTRY SPECIFIC: CONSTRUCTION 663

- Robert L. Frank Construction Company 665
- The Lyle Construction Project 675

Index 685

Preface

Other than on-the-job training, case studies and situations are perhaps the best way to learn project management. Project managers pride themselves on finding solutions to problems and case studies are an excellent way for this to happen. Case studies require that the students investigate what went right in the case, what went wrong, and what recommendations should be made to prevent these problems from reoccurring in the future. The use of case studies is applicable both to undergraduate- and graduate-level project management courses as well as training programs to pass various certification examinations in project management.

Situations are smaller case studies that focus on one or two points that need to be addressed, whereas case studies can focus on a multitude of interrelated issues. The table of contents identifies several broad categories for the cases and situations, but keep in mind that the larger case studies such as Corwin Corporation, The Blue Spider Project or the Rise, and Fall and Resurrection of Iridium could have been listed under several topics. Some of the case studies, such as The Need for Metrics and The Singapore Software Group, are well suited for group exercises. Other smaller or minicases can be covered during the class period.

Several smaller cases or situations are included in this edition at the request of faculty members that asked for cases that could be discussed in class and worked on in a team environment. These smaller cases can be used as in-class assignments or take-home assignments.

Several of the cases and situations have “seed” questions either in the case itself or in the instructor’s teaching notes on the case to assist the reader in the analysis of the case. The seed questions from the instructor’s manual will be provided by the instructor. An instructor’s manual is available from John Wiley & Sons Publishers, Inc., **only** to faculty members who adopt the book for classroom use.

Almost all of the case studies are factual. In most circumstances, the cases and situations have been taken from the author’s consulting practice. The names of many of the companies and the people in the companies have been disguised for obvious reasons. Some educators prefer not to use case studies that are more than ten or twenty years old. However, the circumstances surrounding many of these cases and situations are the same today as they were years ago. Unfortunately, we seem to be repeating several of the mistakes made previously.

There are forty-one new cases added in this edition. This includes two cases that have several parts. The new cases are:

- **Communication Failures:** Case study illustrates how easy it is to fail at communications and the damage that can result.
- **Coronado Communications, Inc.:** Case study shows what happens when internal competition between functional areas becomes more important than external competition and the impact on project management.
- **Chance of a Lifetime:** Case study illustrates the problems involved in a startup business.
- **Creating a Methodology:** Case study illustrates the complexities in developing a project management methodology.
- **Crisis Project Management:** Case study shows how the management of crisis projects differs from the management of traditional projects.
- **Enterprise Requirements Planning (ERP):** Case study shows how ERP can benefit project management.
- **Health Care Partners, Inc.:** Case study shows the complexities in performing a project health check.
- **Honicker Corporation:** Case study discusses the complexities of mergers and acquisitions when each company is at a different level of maturity in project management.
- **Is It Fraud?:** A consultant is hired to work with the government to see if fraud was committed in the bidding and execution of a project.
- **Kemko, Inc.:** Case study shows the complexities in trying to get multiple stakeholders to agree to the definition of the scope at the beginning of a project.
- **Lawsuit:** Case study shows how the restructuring of a company to include a PMO led to a law suit.
- **McRoy Aerospace:** Case study shows how effective acknowledgment can get people to work better and solve complex problems.
- **The Poor Worker:** Case study shows the complexities for a project manager on how to deal with a poor worker.

- **The Prima Donna:** Case study shows the complexities facing a project manager in dealing with a prima donna employee.
- **Prioritization:** Case study illustrates why a uniform method for prioritizing projects is essential.
- **Radiance International:** Case study shows how easy it is for management to destroy a good project management culture.
- **Selling Project Management to Executives:** Case study describes some of the issues facing a consultant that must sell project management to a group of executives.
- **The Team Meeting:** Case study discusses the best time of day to hold a team meeting.
- **The Acquisition Problem:** Case study shows how difficult it is to get acquired companies to agree on a single project management methodology.
- **The Management Control Freak:** Case study shows what happens when an executive tries to take over control of the project even though a project manager is present.
- **The Estimating Problem:** Case study illustrates the complexities in getting a good estimate.
- **The Irresponsible Sponsors:** Case study shows what happens when two sponsors bypass normal procedures for approving projects and then fail as sponsors.
- **The Need for Metrics:** An eight-part case study that takes you on the path one company took to develop effective metrics.
- **The New CIO:** Case study discusses how a new CEO found that promises made for project management support were nonexistent.
- **The Risk Management Department:** Case study discusses how one company created a risk management department for a particular purpose.
- **The Scheduling Dilemma:** Case study illustrates how difficult it is to estimate effort and duration when bidding on a contract.
- **The Singapore Software Group:** A four-part case study that talks about the difficulties in preparing a bid on a contract.
- **The Skills Inventory Project:** Case study discusses how a change in the type of contract can benefit both the buyer and the seller.
- **The Invisible Sponsor:** Case study discusses how some executives refused to make project decisions for fear that it would impact their career unfavorably.
- **To Bid or Not to Bid:** A company must decide if it wants to bid on a contract knowing that it would have to release proprietary financial information to the client.
- **The Management Reserve:** A project sponsor decides to use the management reserve for work unrelated to the project.

Harold Kerzner
The International Institute for Learning

Part 1

PROJECT MANAGEMENT METHODOLOGIES

As companies approach some degree of maturity in project management, it becomes readily apparent to all that some sort of standardization approach is necessary for the way that projects are managed. The ideal solution might be to have a singular methodology for all projects, whether they are for new product development, information systems, or client services. Some organizations may find it necessary to maintain more than one methodology, however, such as one methodology for information systems and a second methodology for new product development.

The implementation and acceptance of a project management methodology can be difficult if the organization's culture provides a great deal of resistance toward the change. Strong executive leadership may be necessary such that the barriers to change can be overcome quickly. These barriers can exist at all levels of management as well as at the worker level. The changes may require that workers give up their comfort zones and seek out new social groups.



Lakes Automotive

Lakes Automotive is a Detroit-based tier-one supplier to the auto industry. Between 1995 and 1999, Lakes Automotive installed a project management methodology based on nine life-cycle phases. All 60,000 employees worldwide accepted the methodology and used it. Management was pleased with the results. Also, Lakes Automotive's customer base was pleased with the methodology and provided Lakes Automotive with quality award recognition that everyone believed was attributed to how well the project management methodology was executed.

In February 2000, Lakes Automotive decided to offer additional products to its customers. Lakes Automotive bought out another tier-one supplier, Pelex Automotive Products (PAP). PAP also had a good project management reputation and also provided quality products. Many of its products were similar to those provided by Lakes Automotive.

Because the employees from both companies would be working together closely, a singular project management methodology would be required that would be acceptable to both companies. PAP had a good methodology based on five life-cycle phases. Both methodologies had advantages and disadvantages, and both were well liked by their customers.

QUESTIONS

1. How do companies combine methodologies?
2. How do you get employees to change work habits that have proven to be successful?
3. What influence should a customer have in redesigning a methodology that has proven to be successful?
4. What if the customers want the existing methodologies left intact?
5. What if the customers are unhappy with the new combined methodology?



Ferris HealthCare, Inc.

In July of 1999, senior management at Ferris recognized that its future growth could very well be determined by how quickly and how well it implemented project management. For the past several years, line managers had been functioning as project managers while still managing their line groups. The projects came out with the short end of the stick, most often late and over budget, because managers focused on line activities rather than project work. Everyone recognized that project management needed to be an established career path position and that some structured process had to be implemented for project management.

A consultant was brought into Ferris to provide initial project management training for 50 out of the 300 employees targeted for eventual project management training. Several of the employees thus trained were then placed on a committee with senior management to design a project management stage-gate model for Ferris.

After two months of meetings, the committee identified the need for three different stage-gate models: one for information systems, one for new products/services provided, and one for bringing on board new corporate clients. There were several similarities among the three models. However, personal interests dictated the need for three methodologies, all based upon rigid policies and procedures.

After a year of using three models, the company recognized it had a problem deciding how to assign the right project manager to the right project. Project managers had to be familiar with all three methodologies. The alternative, considered

impractical, was to assign only those project managers familiar with that specific methodology.

After six months of meetings, the company consolidated the three methodologies into a single methodology, focusing more upon guidelines than on policies and procedures. The entire organization appeared to support the new singular methodology. A consultant was brought in to conduct the first three days of a four-day training program for employees not yet trained in project management. The fourth day was taught by internal personnel with a focus on how to use the new methodology. The success to failure ratio on projects increased dramatically.

QUESTIONS

1. Why was it so difficult to develop a singular methodology from the start?
2. Why were all three initial methodologies based on policies and procedures?
3. Why do you believe the organization later was willing to accept a singular methodology?
4. Why was the singular methodology based on guidelines rather than policies and procedures?
5. Did it make sense to have the fourth day of the training program devoted to the methodology and immediately attached to the end of the three-day program?
6. Why was the consultant not allowed to teach the methodology?



Clark Faucet Company

BACKGROUND

By 1999, Clark Faucet Company had grown into the third largest supplier of faucets for both commercial and home use. Competition was fierce. Consumers would evaluate faucets on artistic design and quality. Each faucet had to be available in at least twenty-five different colors. Commercial buyers seemed more interested in the cost than the average consumer, who viewed the faucet as an object of art, irrespective of price.

Clark Faucet Company did not spend a great deal of money advertising on the radio or on television. Some money was allocated for ads in professional journals. Most of Clark's advertising and marketing funds were allocated to the two semiannual home and garden trade shows and the annual builders trade show. One large builder could purchase more than 5,000 components for the furnishing of one newly constructed hotel or one apartment complex. Missing an opportunity to display the new products at these trade shows could easily result in a six-to twelve-month window of lost revenue.

CULTURE

Clark Faucet had a noncooperative culture. Marketing and engineering would never talk to one another. Engineering wanted the freedom to design new products,

whereas marketing wanted final approval to make sure that what was designed could be sold.

The conflict between marketing and engineering became so fierce that early attempts to implement project management failed. Nobody wanted to be the project manager. Functional team members refused to attend team meetings and spent most of their time working on their own “pet” projects rather than the required work. Their line managers also showed little interest in supporting project management.

Project management became so disliked that the procurement manager refused to assign any of his employees to project teams. Instead, he mandated that all project work come through him. He eventually built up a large brick wall around his employees. He claimed that this would protect them from the continuous conflicts between engineering and marketing.

THE EXECUTIVE DECISION

The executive council mandated that another attempt to implement good project management practices must occur quickly. Project management would be needed not only for new product development but also for specialty products and enhancements. The vice presidents for marketing and engineering reluctantly agreed to try and patch up their differences, but did not appear confident that any changes would take place.

Strange as it may seem, nobody could identify the initial cause of the conflicts or how the trouble actually began. Senior management hired an external consultant to identify the problems, provide recommendations and alternatives, and act as a mediator. The consultant’s process would have to begin with interviews.

ENGINEERING INTERVIEWS

The following comments were made during engineering interviews:

- “We are loaded down with work. If marketing would stay out of engineering, we could get our job done.”
- “Marketing doesn’t understand that there’s more work for us to do other than just new product development.”
- “Marketing personnel should spend their time at the country club and in bar rooms. This will allow us in engineering to finish our work uninterrupted!”

- “Marketing expects everyone in engineering to stop what they are doing in order to put out marketing fires. I believe that most of the time the problem is that marketing doesn’t know what they want up front. This leads to change after change. Why can’t we get a good definition at the beginning of each project?”

MARKETING INTERVIEWS

- “Our livelihood rests on income generated from trade shows. Since new product development is four to six months in duration, we have to beat up on engineering to make sure that our marketing schedules are met. Why can’t engineering understand the importance of these trade shows?”
- “Because of the time required to develop new products [4–6 months], we sometimes have to rush into projects without having a good definition of what is required. When a customer at a trade show gives us an idea for a new product, we rush to get the project underway for introduction at the next trade show. We then go back to the customer and ask for more clarification and/or specifications. Sometimes we must work with the customer for months to get the information we need. I know that this is a problem for engineering, but it cannot be helped.”

The consultant wrestled with the comments but was still somewhat perplexed. “Why doesn’t engineering understand marketing’s problems?” pondered the consultant. In a follow-up interview with an engineering manager, the following comment was made:

“We are currently working on 375 different projects in engineering, and that includes those which marketing requested. Why can’t marketing understand our problems?”

QUESTIONS

1. What is the critical issue?
2. What can be done about it?
3. Can excellence in project management still be achieved and, if so, how? What steps would you recommend?
4. Given the current noncooperative culture, how long will it take to achieve a good cooperative project management culture, and even excellence?

5. What obstacles exist in getting marketing and engineering to agree to a singular methodology for project management?
6. What might happen if benchmarking studies indicate that either marketing or engineering are at fault?
7. Should a singular methodology for project management have a process for the prioritization of projects or should some committee external to the methodology accomplish this?



Creating a Methodology¹

BACKGROUND

John Compton, The president of the company, expressed his feelings quite bluntly at the executive staff meeting;

We are no longer competitive in the marketplace. Almost all of the Requests for Proposal (RFP) that we want to bid on have a requirement that we must identify in the proposal the project management methodology we will use on the contract should we be awarded the contract. We have no project management methodology. We have just a few templates we use based upon the PMBOK[®] Guide. All of our competitors have methodologies, but not us.

I have been asking for a methodology to be developed for more than a year now, and all I get are excuses. Some of you are obviously afraid that you might lose power and authority once the methodology is up and running. That may be true, but losing some power and authority is obviously better than losing your job. In six months I want to see a methodology in use on all projects or I will handle the situation myself. I simply cannot believe that my executive staff is afraid to develop a project management methodology.

¹ ©2010 by Harold Kerzner. Reproduced by permission. All rights reserved.

CRITICAL ISSUES

The executive staff knew this day was inevitable; they had to take the initiative in the implementation of a project management methodology. Last year, a consultant was brought in to conduct a morning three-hour session on the benefits of project management and the value of an enterprise project management methodology (EPM). As part of the session, the consultant explained that the time needed to develop and implement an EPM system can be shortened if the company has a project management office (PMO) in place to take the lead role. The consultant also explained that whichever executive gets control of the PMO may become more powerful than other executives because he or she now controls all of the project management intellectual property. The executive staff fully understood the implication of this and therefore became reluctant to visibly support project management until they could see how their organization would be affected. In the meantime, project management suffered.

Reluctantly, a PMO was formed reporting to the chief information officer. The PMO was comprised of a handful of experienced project managers that could hopefully take the lead in the development of a methodology. The PMO concluded that there were five steps that had to be done initially. After the five steps were done, the executive committee would receive a final briefing on what had been accomplished. The final briefing would be in addition to the monthly updates and progress reports. The PMO believed that getting executive support and sign-offs in a timely manner would be difficult.

The first step that needed to be done was the establishment of the number of life-cycle phases. Some people interviewed wanted ten to twelve life-cycle phases. That meant that there would be ten to twelve gate review meetings and the project managers would spend a great deal of time preparing paperwork for the gate review meetings rather than managing the project. The decision was then made to have no more than six life-cycle phases.

The second step was to decide whether the methodology should be designed around rigid policies and procedures or go the more informal route of using forms, guidelines, checklists, and templates. The PMO felt that project managers needed some degree of freedom in dealing with clients and therefore the more informal approach would work best. Also, clients were asking to have the methodology designed around the client's business needs and the more informal approach would provide the flexibility to do this.

The third step was to see what could be salvaged from the existing templates and checklists. The company had a few templates and checklists but not all of the project managers used them. The decision was made to develop a standardized set of documents in accordance with the information in the PMBOK® Guide. The project managers could then select whatever forms, guidelines, templates, and checklists were appropriate for a particular project and client.

The fourth step would be to develop a means for capturing best practices using the EPM system. Clients were now requiring in their RFP that best practices on a project must be captured and shared with the client prior to the close-out of the project. Most of the people in the PMO believed that this could be done using forms or checklists at the final project debriefing meeting.

The fifth step involved education and training. The project managers and functional organizations that would staff the projects would need to be trained in the use of the new methodology. The PMO believed that a one-day training program would suffice and the functional organizations could easily release their people for a one-day training session.

QUESTIONS

1. What can you determine about the corporate culture from the fact that they waited this long to consider the development of an EPM system?
2. Can a PMO accelerate the implementation process?
3. Is it acceptable for the PMO to report to the chief information officer or to someone else?
4. Why is it best to have six or less life-cycle phases in an EPM system?
5. Is it best to design an EPM system around flexible or inflexible elements?
Generally, when first developing an EPM system, do companies prefer to use formality or informality in the design?
6. Should an EPM system have the capability of capturing best practices?



Honicker Corporation¹

BACKGROUND

Honicker Corporation was well-recognized as a high-quality manufacturer of dashboards for automobiles and trucks. Although it serviced mainly U.S. automotive and truck manufacturers, the opportunity to expand to a worldwide supplier was quite apparent. Its reputation was well-known worldwide but it was plagued for years with ultraconservative senior management leadership that prevented growth into the international marketplace.

When the new management team came on board in 2009, the conservatism disappeared. Honicker was cash rich, had large borrowing power and lines of credit with financial institutions, and received an AA- quality rating on its small amount of corporate debt. Rather than expand by building manufacturing facilities in various countries, Honicker decided to go the fast route by acquiring four companies around the world: Alpha, Beta, Gamma, and Delta Companies.

Each of the four acquired companies serviced mainly its own geographical areas. The senior management team in each of the four companies knew the culture in their geographic areas and had a good reputation with their clients and local stakeholders. The decision was made by Honicker to leave each company's senior management teams intact provided that the necessary changes, as established by corporate, could be implemented.

¹©2010 by Harold Kerzner. Reproduced by permission. All rights reserved.