

## Apollo Root Cause Analysis

The only work to date to collect data gathered during the American and Soviet missions in an accessible and complete reference of current scientific and technical information about the Moon.

### Apollo Root Cause AnalysisA New Way of Thinking

The doctor has Taken the Pulse of our Modern Way of Life, and concluded that it is very sick-perhaps terminally ill. How did this dangerous state of affairs come to be? And-is there a cure? In this ground-breaking book, noted Chilean-born psychiatrist and consciousness pioneer Dr. Claudio Naranjo, who first created descriptions of the Enneagram character types, now applies over 30 years of transformational work with individuals and groups to the societal realm, to heal our collective illness. His diagnosis? "The great problem of civilization is none other than civilization itself," he declares. Its root cause? Patriarchy-a condition that is deeper, wider, and closer to home than you know. For patriarchy thrives not only in the outer world (the economy, war, racism, child abuse, oppression of women, human rights violations) but also in the workings of our own conditioned mind. A virus that masquerades as ourselves, it is killing life on the planet- and within us. The remedy? To transform our consciousness by integrating and finding balance within our own "intra-psychic family"-our "three brains," corresponding to the "Inner Father," "Inner Mother," and "Inner Child"-through a new Education oriented to personal and collective evolution. For healing civilization is an inside job - and the future of true civilization is in our hands. **Healing Civilization: Bringing Personal Transformation into the Societal Realm through Education and the Integration of the Intra-Psychic Family**

### Metamorphoses

The Human Performance Evaluation Process .  
A New Way of Thinking

### The Core of Problem Solving and Corrective Action

### Performance-Based Project Management

### Report of the Presidential Commission on the Space Shuttle Challenger Accident

### Healing Civilization

The field of software engineering is characterized by speed and turbulence in many regards. While new ideas are proposed almost on a yearly basis, very few of them live for a decade or a longer. Lightweight software development methods were a new idea in the latter part of the 1990s. Now, ten years later, they are better known as agile software development methods, and an active community driven by practitioners has formed around the new way of thinking. Agile software development is currently being embraced by the research community as well. As a sign of increased research activity, most research-oriented conferences have an agile software development track included in the conference program. The XP conference series established in 2000 was the first conference dedicated to agile processes in software engineering. The idea of the conference is to offer a unique setting for advancing the state of the art in research and practice of agile processes. This year's conference was the tenth consecutive edition of this international event. Due to the diverse nature of different activities during the conference, XP is claimed to be more of an experience rather than a regular conference. It offers several different ways to interact and strives to create a truly collaborative environment where new ideas and exciting findings can be presented and shared. This is clearly visible from this year's program as well.

Up-To-Date Coverage of Every Aspect of Commercial Aviation Safety Completely revised edition to fully align with current U.S. and international regulations, this hands-on resource clearly explains the principles and practices of commercial aviation safety—from accident investigations to Safety Management Systems.

Commercial Aviation Safety, Sixth Edition, delivers authoritative information on today's risk management on the ground and in the air. The book offers the latest procedures, flight technologies, and accident statistics. You will learn about new and evolving challenges, such as lasers, drones (unmanned aerial vehicles), cyberattacks, aircraft icing, and software bugs. Chapter outlines, review questions, and real-world incident examples are featured throughout. Coverage includes: • ICAO, FAA, EPA, TSA, and OSHA regulations • NTSB and ICAO accident investigation processes • Recording and reporting of safety data • U.S. and international aviation accident statistics • Accident causation models • The Human Factors Analysis and Classification System (HFACS) • Crew Resource Management (CRM) and Threat and Error Management (TEM) • Aviation Safety Reporting System (ASRS) and Flight Data Monitoring (FDM) • Aircraft and air traffic control technologies and safety systems • Airport safety, including runway incursions • Aviation security, including the threats of intentional harm and terrorism • International and U.S. Aviation Safety Management Systems

Root Cause Failure Analysis provides the concepts needed to effectively perform industrial troubleshooting investigations. It describes the methodology to perform Root Cause Failure Analysis (RCFA), one of the hottest topics currently in maintenance engineering. It also includes detailed equipment design and troubleshooting guidelines, which are needed to perform RCFA on machinery found in most production facilities. This is the latest book in a new series published by Butterworth-Heinemann in association with PLANT ENGINEERING magazine. PLANT ENGINEERING fills a unique information need for the men and women who operate and maintain industrial plants. It bridges the information gap between engineering education and practical application. As technology advances at increasingly faster rates, this information service is becoming more and more important. Since its first issue in 1947, PLANT ENGINEERING has stood as the leading problem-solving information source for America's industrial plant engineers, and this book series will effectively contribute to that resource and reputation. Provides information essential to industrial troubleshooting investigations Describes the methods of root cause failure analysis, a hot topic in maintenance engineering Includes detailed equipment-design guidelines

### Root Cause Analysis

Apollo Root Cause Analysis Short Course; Queen's English

School Leader's Guide to Root Cause Analysis

Apccm-301

Apollo Root Cause Analysis Short Course; Apollonian Version

Scm-301a4

A Systematic Approach to Problem Solving and Decision Making

With plenty of ideas, suggestions, and practical cases on software quality, this book will help you to improve the quality of your software and to deliver high-quality products to your users and satisfy the needs of your customers and stakeholders. Many methods for product quality improvement start by investigating the problem, and then work the way back to the point where the problem started. For instance audits and root cause analysis work this way. But what if you could prevent problems from happening, by building an understanding what drives quality, thus enabling to take action before problems actually occur? What Drives Quality explores how quality plays a role in all of the software development activities. It takes a deep dive into quality by listing the relevant factors of development and management activities that drive the quality of software products. It provides a lean approach to quality by analyzing the full development chain from customer requests to delivering products to users. I'm aiming this book at software developers and testers, architects, product owners and managers, agile coaches, Scrum masters, project managers, and operational and senior managers who consider quality to be important. A book on quality should be practical. It should help you, the reader of this book, to improve the quality of your software and deliver better products. It should inspire you and give you energy to persevere on your quality journey. What drives quality tries to do just that, and more. This book is based on my experience as a developer, tester, team leader, project manager, quality manager, process manager, consultant, coach, trainer, and adviser in Agile, Lean, Quality and Continuous Improvement. It takes a deep dive into quality with views from different perspectives and provides ideas, suggestions, practices, and experiences that will help you to improve quality of the products that your organization is delivering. This book views software quality from an engineering, management, and social perspective. It explores the interaction between all involved in delivering high-quality software to users and provides ideas to do it quicker and at lower cost.

Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.

China is surging in the tech race – and will continue to outperform the United States. The rising power has done exceptionally in Super Apps, bullet trains, 5G, electric vehicles, digital currency, smart cities, blockchain applications, and quantum communications in space, among others. Its payment platforms are increasingly adopted along the entire Silk Road. The genesis of this book was to discover an 'Apollo Program' for the US to catch up in these areas, but we discovered a much deeper need for a social/mental health Apollo Program for millennials who are bogged down by a host of under-appreciated and intertwined issues which cause anxiety and alienation and lead to massive losses in workplace productivity. This book proposes two Apollo programs – one for tech and one for millennials – by a millennial. Strategies for cracking the highly competitive Chinese Super App ecommerce market are also revealed.

The NASA History of Manned Lunar Spacecraft to 1969

Apollo Root Cause Analysis Short Course; Apollo Version

The PROACT® Root Cause Analysis

Scm-301

What Drives Quality

Engineer Your Path to Joy

Lunar Sourcebook

In this "powerful personal story woven with a rich analysis of what we all seek" (Sergey Brin, cofounder of Google), Mo Gawdat, Chief Business Officer at Google's [X], applies his superior logic and problem solving skills to understand how the brain processes joy and sadness—and then he solves for happy. In 2001 Mo Gawdat realized that despite his incredible success, he was desperately unhappy. A lifelong learner, he attacked the problem as an engineer would: examining all the provable facts and scrupulously applying logic. Eventually, his countless hours of research and science proved successful, and he discovered the equation for permanent happiness. Thirteen years later, Mo's algorithm would be put to the ultimate test. After the sudden death of his son, Ali, Mo and his family turned to his equation—and it saved them from despair. In dealing with the horrible loss, Mo found his mission: he would pull off the type of "moonshot" goal that he and his colleagues were always aiming for—he would share his equation with the world and help as many people as possible become happier. In Solve for Happy Mo questions some of the most fundamental aspects of our existence, shares the underlying reasons for suffering, and plots out a step-by-step process for achieving lifelong happiness and enduring contentment. He shows us how to view life through a clear lens, teaching us how to dispel the illusions that cloud our thinking; overcome the brain's blind spots; and embrace five ultimate truths. No matter what obstacles we face, what burdens we bear, what trials we've experienced, we can all be content with our present situation and optimistic about the future.

Apollo Root Cause Analysis is about effective problem solving; a new way of thinking that will ensure effective solutions to almost any kind of problem. Discover new communications tools that are revolutionizing the way people all around the world think, communicate, and make decisions together. In this book, readers will learn why 70% to 80% of the general population are ineffective problem solvers and why conventional problem-solving methods don't work.

Don't jump from problem to solution without first investigating root causes. This book helps you more accurately focus on school improvement issues, so you can avoid wasting precious time and resources. It is clearly written, contains lots of real examples, and is presented in a style and format designed for the non-expert. It will help you make decisions which will improve learning for all students.

Quick Reference Guide

System Engineering Analysis, Design, and Development

Apollo Root Cause Analysis with RealityCharting; Apollo Version

Race For 5g Supremacy, The: Why China Is Surging, Where Millennials Struggle, & How America Can Prevail

Root Cause Analysis, Second Edition

Root Cause Failure Analysis

Rationale Management in Software Engineering

Praise for the first edition: "This excellent text will be useful to every system engineer (SE) regardless of the domain. It covers ALL relevant SE material and does so in a very clear, methodical fashion. The breadth and depth of the author's presentation of SE principles and practices is outstanding." -Philip Allen This textbook presents a comprehensive, step-by-step guide to system engineering analysis, design, and development via an integrated set of concepts, principles, practices, and methodologies. The methods presented in this text apply to any type of human system -- small, medium, and large organizational systems and system development projects delivering engineered systems or services across multiple business sectors such as medical, transportation, financial, educational, governmental, aerospace and defense, utilities, political, and charity, among others. Provides a common focal point for "bridging the gap" between and unifying System Users, System Acquirers, multi-discipline System Engineers, and Project, Functional, and Executive Management education, knowledge, and decision-making. For developing systems, products, or services Each chapter provides definitions of key terms, guiding principles, examples, author's notes, real-world examples, and exercises, which highlight and reinforce key SE&D concepts and practices. Addresses concepts employed in Model-Based Systems Engineering (MBSE), Model-Driven Design (MDD), Unified Modeling Language (UMLTM) / Systems Modeling Language (SysMLTM), and Agile/Spiral/IV-Model Development such as user needs, stories, and use cases analysis; specification; development; system architecture development; User-Centric System Design (UCSD), interface definition & control; system integration & test; and Verification & Validation (V&V) Highlights/introduces a new 21st Century Systems Engineering & Development (SE&D) paradigm that is easy to understand and implement. Provides practices that are critical staging points for technical decision making such as Technical Strategy Development; Life Cycle requirements; Phases, Modes, & States; SE Process; Requirements Derivation; System Architecture Development, User-Centric System Design (UCSD); Engineering Standards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises and numerous case studies and examples. Systems Engineering Analysis, Design, and Development, Second Edition is a primary textbook for multi-discipline, engineering, system analysis, and project management undergraduate/graduate level students and available reference for professionals.

Written by a trio of experts, this is the definitive reference on the Apollo spacecraft and lunar modules. It traces the design of the vehicles, their development, and their operation in space. More than 100 photographs and illustrations highlight the text, which begins with NASA's origins and concludes with the triumphant Apollo 11 moon mission.

"Nuri is a beekeeper, his wife Afra, an artist. They live a simple life, rich in family and friends, in the beautiful Syrian city of Aleppo--until the unthinkable happens. When all they care for is destroyed by war, they are forced to escape. But what Afra has seen is so terrible she has gone blind, and so they must embark on a perilous journey through Turkey and Greece towards an uncertain future in Britain. As Nuri and Afra travel through a broken world, they must confront not only the pain of their own unspeakable loss, but dangers that would overwhelm the bravest of souls. Above all, they must journey to find each other again. Moving, powerful, and beautifully written, The Beekeeper of Aleppo brings home the idea that the most ordinary of lives can be completely upended in unimaginable ways"--

The Rational Manager

Apollo Root Cause Analysis with RealityCharting; Queens English; MRC-210A4

A User's Guide to the Moon

Commercial Aviation Safety, Sixth Edition

Solve for Happy

A Novel

RealityCharting

This is a detailed summary of research on design rationale providing researchers in software engineering with an excellent overview of the subject. Professional software engineers will find many examples, resources and incentives to enhance their ability to make decisions during all phases of the software lifecycle. Software engineering is still primarily a human-based activity and rationale management is concerned with making design and development decisions explicit to all stakeholders involved.

This book provides a Root Cause Analysis methodology for process and equipment problems with a unique insight on sources and type of problems that appear in process lines.

Although there are many books on root cause analysis (RCA), most concentrate on team actions such as brainstorming and using quality tools to discuss the failure under investigation. These may be necessary steps during RCA, but authors often fail to mention the most important member of an RCA team-the failed part. Root Cause Analysis: A Step-By-Step Guide to Using the Right Tool at the Right Time provides authoritative guidance on how to empirically investigate quality failures using scientific method in the form of cycles of plan-do-check-act (PDCA), supported by the use of quality tools. Focusing on the use of proven quality tools to empirically investigate issues, the book starts by describing the theoretical background behind using the scientific method and quality tools for RCA. Next, it supplies step-by-step instructions for performing RCA with the tools discussed in the first section. The book's clear examples illustrate how to integrate PDCA with the scientific method and quality tools when investigating real-world quality failures. This RCA guide provides root cause investigators with a tool kit for the quick and accurate selection of the appropriate tool during a root cause investigation. It includes an appendix with a guide to tool selection based on the intended use of the tool. There is also an appendix that defines the terminology used in the book. After reading this book, you will understand how to integrate the scientific method, quality tools, and statistics, in the form of exploratory data analysis, to build a picture of the actual situation under investigation that will lead you to the true root cause of an event. The tools and concepts presented in the text are appropriate for professionals in both the manufacturing and service industries.

Medication Errors

Mrc-210

How to Organize and Run a Failure Investigation

Agile Processes in Software Engineering and Extreme Programming

Src-401

Apccr-401

A Step-By-Step Guide to Using the Right Tool at the Right Time

Winner of the Project Management Institute's David I. Cleland Project Management Literature Award 2010 It's no wonder that project managers spend so much time focusing their attention on risk identification. Important projects tend to be time constrained, pose huge technical challenges, and suffer from a lack of adequate resources. Identifying and Managing Project Risk, now updated and consistent with the very latest Project Management Body of Knowledge (PMBOK® Guide, takes readers through every phase of a project, showing them how to consider the possible risks involved at every point in the process. Drawing on real-world situations and hundreds of examples, the book outlines proven methods, demonstrating key ideas for project risk planning and showing how to use high-level risk assessment tools. Analyzing aspects such as available resources, project scope, and scheduling, this new edition also explores the growing area of Enterprise Risk Management. Comprehensive and completely up-to-date, this book helps readers determine risk factors thoroughly and decisively...before a project gets derailed. This best-seller can help anyone whose role is to try to find specific causes for failures. It provides detailed steps for solving problems, focusing more heavily on the analytical process involved in finding the actual causes of problems. It does this using figures, diagrams, and tools useful for helping to make our thinking visible. This increases our ability to see what is truly significant and to better identify errors in our thinking. In the sections on finding root causes, this second edition now includes: more examples on the use of multi-var charts; how thought experiments can help guide data interpretation; how to enhance the value of the data collection process; cautions for analyzing data; and what to do if one can't find the causes. In its guidance on solution identification, biomiometry and TRIZ have been added as potential solution identification techniques. In addition, the appendices have been revised to include: an expanded breakdown of the 7 Ms, which includes more than 50 specific possible causes; forms for tracking causes and solutions, which can help maintain alignment of actions; techniques for how to enhance the interview process; and example responses to problem situations that the reader can analyze for appropriateness.

Ovid's magnificent panorama of the Greek and Roman myths-presented by a noted poet, scholar, and critic. Prized through the ages for its splendor and its savage, sophisticated wit, The Metamorphoses is a masterpiece of Western culture-the first attempt to link all the Greek myths, before and after Homer, in a cohesive whole, to the Roman myths of Ovid's day. Horace Gregory, in this modern translation, turns his own poetic gifts toward a deft reconstruction of Ovid's ancient themes, using contemporary idiom to bring to today's reader all the ageless drama and psychological truths vividly intact.

Mahalia Jackson and the Black Gospel Field

The Odyssey

Managing NASA in the Apollo Era

Seven Steps to Effective Problem-Solving and Strategies for Personal Success

Concepts, Principles, and Practices

A Deep Dive Into Software Quality with Practical Solutions for Delivering High-quality Products

Apollo Root Cause Analysis

Root Cause Analysis, or RCA, "What is it?" Everyone uses the term, but everyone does it differently. How can we have any uniformity in our approach, much less accurately compare our results, if we're applying different definitions? At a high level, we will explain the difference between RCA and Shallow Cause Analysis, because that is the difference between allowing a failure to recur or dramatically reducing the risk of recurrence. In this book, we will get down to basics about RCA, the fundamentals of blocking and tackling, and explain the common steps of any investigative occupation. Common investigation steps include: Preserving evidence (data) (not allowing hearsay to fly as fact Organizing an appropriate team/(minimizing potential bias Analyzing the events/reconstructing the incident based on actual evidence Communicating findings and recommendations/ensuring effective recommendations are actually developed and implemented Tracking bottom-line results/ensuring that identified, meaningful metrics were attained We explore, "Why don't things always go as planned?" When our actual plans deviate from our intended plans, we usually experience some type of undesirable or unintended outcome. We analyze the anatomy of a failure (undesirable outcome) and provide a step-by-step guide to conducting a comprehensive RCA based on our 3+ decades of applying RCA as we have successfully practiced it in the field. This book is written as a how-to guide to effectively apply the PROACT(R) RCA methodology to any undesirable outcome, is directed at practitioners who have to do the real work, focuses on the core elements of any investigation, and provides a field-proven case as a model for effective application. This book is for anyone charged with having a thorough understanding of why something went wrong, such as those in EH&S, maintenance, reliability, quality, engineering, and operations to name just a few.

Learning the proper steps for organizing a failure investigation ensures success. Failure investigations cross company functional boundaries and are an integral component of any design or manufacturing business operation. Well-organized and professionally conducted investigations are essential for solving manufacturing problems and assisting in redesigns. This book outlines a proven systematic approach to failure investigation. It explains the relationship between various failure sources (corrosion, for example) and the organization and conduct of the investigation. It provides a learning platform for engineers from all disciplines: materials, design, manufacturing, quality, and management. The examples in this book focus on the definition of and requirements for a professionally performed failure analysis of a physical object or structure. However, many of the concepts have much greater utility than for investigating the failure of physical objects. For example, the book provides guidance in areas such as learning how to define objectives, negotiating the scope of investigation, examining the physical evidence, and applying general solving techniques.

The instant New York Times bestseller The New York Times Best Selling author of The End of Alzheimer's lays out a specific plan to help everyone prevent and reverse cognitive decline or simply maximize brainpower. In The End of Alzheimer's Dale Bredeeen laid out the science behind his revolutionary new program that is the first to both prevent and reverse symptoms of Alzheimer's disease. Now he lays out the detailed program he uses with his own patients. Accessible and detailed, it can be tailored to anyone's needs and will enhance cognitive ability at any age. What we call Alzheimer's disease is actually a protective response to a wide variety of insults to the brain: inflammation, insulin resistance, toxins, infections, and inadequate levels of nutrients, hormones, and growth factors. Bredeeen starts by having us figure out which of these insults we need to address and continues by laying out a personalized lifestyle plan. Focusing on the KetoFlex 12/3 Diet, which triggers ketosis and lets the brain restore itself with a minimum 12-hour fast, Dr. Bredeeen drills down on restorative sleep, targeted supplementation, exercise, and brain training. He also examines the tricky question of toxic exposure and provides workarounds for many difficult problems. The takeaway is that we do not need to do the program perfectly but will see tremendous results if we can do it well enough. With inspiring stories from patients who have reversed cognitive decline and are now thriving, this book shifts the treatment paradigm and offers a new and effective way to enhance cognition as well as unprecedented hope to sufferers of this now no longer deadly disease.

Essential Tools for Failure-Proofing Your Project

Root Cause Analysis in Process-Based Industries

Identifying and Managing Project Risk

The Beekeeper of Aleppo

Apollo Root Cause Analysis Short Course with RealityCharting; Apollo Version

Apollo Root Cause Analysis Short Course with RealityCharting; Apollonian Version

Nearly a half century after her death in 1972, Mahalia Jackson remains the most esteemed figure in black gospel music history. Born in the backstreets of New Orleans in 1911, Jackson during the Great Depression joined the Great Migration to Chicago, where she became an highly regarded church singer and, by the mid-fifties, a coveted recording artist for Apollo and Columbia Records, lauded as the "World's Greatest Gospel Singer." This "Louisiana Cinderella" narrative of Jackson's career during the decade following World War II carried important meanings for African Americans, though it remains a story half told. Jackson was gospel's first multi-mediated artist, with a nationally broadcast radio program, a Chicago-based television show, and early recordings that introduced straight-out-of-the-church black gospel to American and European audiences while also tapping the vogue for religious pop in the early Cold War. In some ways, Jackson's successes made her an exceptional case, though she is perhaps best understood as part of broader developments in the black gospel field. Built upon foundations laid by pioneering Chicago organizers in the 1930s, black gospel singing, with Jackson as its most visible representative, began to circulate in novel ways as a form of popular culture in the 1940s and 1950s. Its practitioners acquiring prestige not only through devout integrity but also from their charismatic artistry, public recognition, and pop-cultural cachet. These years also saw shifting strategies in the black freedom struggle that gave new cultural-political significance to African American vernacular culture. The first book on Jackson in 25 years, Mahalia Jackson and the Black Gospel Field draws on a trove of previously unexamined archival sources that illuminate Jackson's childhood in New Orleans and her negotiation of parallel careers as a singing Baptist evangelist and a mass media entertainer, documenting the unfolding material and symbolic influence of Jackson and black gospel music in postwar American society.

The purpose of this book is to share what the author has learned about effective problem solving by exposing the ineffectiveness of conventional wisdom and presenting a principle-based alternative called Apollo Root Cause Analysis that is robust, yet familiar and easy to understand. This book will change the way readers understand the world without changing their minds. One of the most common responses the author has received from his students of Apollo Root Cause Analysis is they have always thought this way, but did not know how to express it. Other students have reported a phenomenon where this material fundamentally "re-wires" their thinking, leading to a deeply profound understanding of our world. At the heart of this book is a new way of communicating that is revolutionizing the way people all around the world think, communicate, and make decisions together. Imagine a next decision-making meeting where everyone is in agreement with the causes of the problem and the effectiveness of the proposed corrective actions with no conflicts, arguments, or power politics! This is the promise of Apollo Root Cause Analysis.

In the second, expanded edition of the acclaimed Medication Errors (1999), Michael R. Cohen brings together some 30 experts from pharmacy, medicine, nursing, and risk management to provide the best, most current thinking about medication errors. Their contributions make this the most comprehensive, authoritative examination in print of the causes of medication errors and strategies to prevent them. Medication Errors provides the health care community acute care, long-term care, ambulatory care, the pharmaceutical industry, regulatory affairs, and academia with practical guidance to make patients who take or receive medications safer.

The First Protocol to Enhance Cognition and Reverse Decline at Any Age

Chariots for Apollo

Apollo Root Cause Analysis with RealityCharting; Special Edition; SMRC-210A4

Increasing the Probability of Project Success

10th International Conference, XP 2009, Pula, Sardinia, Italy, May 25-29, 2009, Proceedings

The End of Alzheimer's Program

Even the most experienced project managers aren't immune to the more common and destructive reasons for project collapses. Poor time and budget performance, failure to deal with complexity, uncontrolled changes in scope . . . they can catch anyone off guard. Performance-Based Project Management can help radically improve your project's success rate, despite these and other obstacles that will try to take it down. Readers will discover how they can increase the probability of project success, detailing a step-by-step plan for avoiding surprises, forecasting performance, identifying risk, and taking corrective action to keep a project a success. Project leaders wishing to stand out among their peers who are continually hampered by these unexpected failures will learn how to: Assess the business capabilities needed for a project- Plan and schedule the work- Determine the resources required to complete on time and on budget- Identify and manage risks to success- Measure performance in units meaningful to decision makers By connecting mission strategy with project execution, this invaluable resource for project managers in every industry will help bring projects to successful, career-enhancing completion.

RealityCharting is a new way of thinking that goes far beyond the traditional root cause analysis problem-solving processes. It provides structure to each stakeholder's reality, thus creating a common reality that all can buy into. In this companion book to the RealityCharting software, you will not only discover a simple process that defines the structure of causation, you will find links to online interactive exercises and training that help you better understand the process. What took days in a classroom can now be learned in a matter of hours. The RealityCharting process and software easily facilitates creating a common reality from the input of all stakeholders and thus minimises the normal conflict and power politics found in conventional root cause analysis processes. Available in six languages, the RealityCharting software easily supports global operations and should be used to document the causes of your successes.