

# PROJECT PLANNING & CONTROL USING **ORACLE® PRIMAVERA® P6** VERSION 8.2 EPPM WEB

A user guide, reference book and two-day training course written for Project Management Professionals who wish to learn how to plan and control both an unresourced and resourced project in an established Oracle Primavera "Enterprise Project Portfolio Management" environment.



PLANNING &  
CONTROL



This book is an update of the author's unpublished book titled *Planning and Control Using Primavera P6.1 Web* and includes the new features of Oracle Primavera P6 Version 8.2 Web.

**PAUL E. HARRIS**

# P6 Project Planning Manual

**Len Holm**



## **P6 Project Planning Manual:**

*Project Planning and Control Using Primavera P6 for All Industries Including Versions 4 to 6* Paul E. Harris, 2008 A user guide and training manual written for Project Management Professionals who wish to learn how to plan and control projects in an established Primavera P6 and earlier Enterprise versions with or without Resources and Roles Project This book is an update of the authors Primavera Version 5.0 book and contains more chapters including Global Change Multiple Project Scheduling Managing the Enterprise Environment Resource Optimization and Leveling It has been written using the Construction and Engineering version but may be used by any industry and covers Versions 4 to 6 The book is packed with screen shots constructive tips and contains workshops with solutions at the end of each chapter for the reader to practice the skills taught This publication ideal for people who would like to quickly gain an understanding of how the software operates up to an intermediate level It covers Primavera Versions from 3.5 onwards and it explains some of the differences from SureTrak P3 Microsoft Project and Asta Powerproject to assist people converting from other products The book is designed to teach planners and schedulers in any industry how to setup and use the software in a project environment It explains in plain English and in a logical sequence the steps required to create and maintain an unresourced and resourced schedule It tackles some of the more complex aspects of the software that the user manual does not address It highlights the sources of information and the methods that should be employed to produce a realistic and useful project schedule **Project**

**Planning and Control Using Primavera P6** Paul E. Harris, 2010 This book is a user guide and training manual written for Project Management Professionals who wish to learn how to set up a database and plan and control projects using Primavera P6 with or without Resources and Roles The book is aimed at 1 Project management companies who wish to run their own software training courses or provide their employees with an alternative text to the vendor supplied user manual This book may be customized to meet your requirements please contact the author for details This book is a PMI Approved course REPs may apply to have this course licensed to them 2 Training organizations requiring a training manual to run their own training courses 3 People who wish learn the software but are unable to attend a training course but find the software reference manual hard going This book is an update of the authors Primavera Version 6.2 book and contains more chapters including Global Change Multiple Project Scheduling Managing the Enterprise Environment Resource Optimization and Leveling It has been written using the Construction and Engineering version but may be used by any industry and covers Versions 4 to 7 The book is packed with screen shots constructive tips and contains workshops with solutions at the end of each chapter for the reader to practice the skills taught *Handbook on Project Management and Scheduling Vol. 2* Christoph Schwindt, Jürgen Zimmermann, 2015-01-13 Due to the increasing importance of product differentiation and collapsing product life cycles a growing number of value adding activities in the industry and service sector are organized in projects Projects come in many forms often taking considerable time and consuming a large amount of resources The management and scheduling of

projects represents a challenging task and project performance may have a considerable impact on an organization's competitiveness. This handbook presents state-of-the-art approaches to project management and scheduling. More than sixty contributions written by leading experts in the field provide an authoritative survey of recent developments. The book serves as a comprehensive reference both for researchers and project management professionals. The handbook consists of two volumes. Volume 1 is devoted to single modal and multi modal project scheduling. Volume 2 presents multi project problems, project scheduling under uncertainty and vagueness, managerial approaches, and a separate part on applications, case studies, and information systems.

**The SAP S/4HANA Handbook for EPC Projects** Sohail Ahmed, 2025-07-15

The SAP S/4HANA Handbook for EPC Projects equips you with the knowledge and insights needed to successfully manage and execute complex Engineering, Procurement, and Construction (EPC) projects using the power of SAP S/4HANA. Building upon your existing knowledge of SAP solutions, this handbook provides advanced insights into EPC project management and addresses the operational challenges unique to the Engineering, Construction, and Operations (EC O) industry by connecting business processes with relevant SAP solutions. It is an essential guide enabling you to gain a deeper understanding of optimizing your project management capabilities using SAP S/4HANA. Whether you are an SAP Solution Architect in Finance, Human Resources, or Supply Chain Management, or a project manager in the EC O industry, this book will help you understand how projects can be managed with SAP. We begin by examining the world of EPC (EPC M: Engineering, Procurement, Construction, and Management; ETO: Engineer To Order) projects. Looking at detailed planning, controlling, and execution solutions of EPC projects with S/4HANA Project System (CPM: Commercial Project Management; PPM: Project Portfolio Management), S/4HANA Add-ons, SAP Cloud Solutions, and to integrate these with other engineering and project management software such as Tekla and Primavera through SAP BTP (Business Technology Platform). You will follow a construction company secure an EPC contract of a refinery upgrade project and demonstrates how SAP is used at every step of the way from bidding to project closure. Through real-world use cases supported by tables and visual aids, you will find the practical solutions offered by SAP S/4HANA. The SAP S/4HANA Handbook for EPC Projects is the ultimate resource bridging theory with practical applications, offering a framework to navigate the complexities of modern project management in the EC O industry. You Will Learn To:

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transformation with SAP tools and practices      **Programming and Scheduling Techniques** Thomas Uher,Adam Zantis,2012-03-29 Planning is an important management function and its effective execution is crucial to ensure the success of any project This second edition of Thomas Uher s and Adam Zantis textbook maintains its focus on operational rather than strategic aspects of programming and scheduling of projects providing the reader with the practical planning skills needed to be successful Unlike most other textbooks that largely focus on the critical path method **Programming and Scheduling Techniques** includes a comprehensive review of a range of practices used around the world Topics covered in this thoroughly revised edition include deterministic scheduling techniques including the bar chart the critical path method the critical chain method the multiple activity chart and the line of balance a comparison of the critical path and critical chain scheduling techniques options for computer based scheduling stochastic scheduling techniques including the critical path method based on Monte Carlo simulation and the Program Evaluation and Review Technique PERT risk in scheduling work study By covering a broad range of scheduling techniques this book is suitable for those planning projects in any industry particularly in interdisciplinary or international contexts Written for students studying undergraduate and postgraduate architecture building construction project management quantity surveying property development and civil engineering programs

**Administrative Manual** United States. War Relocation Authority,1943      *Managing Project Progress - Project Controls* Planning Planet, The Managing Progress Module is to introduce tools techniques and methodologies associated with Earned Value Management that have been identified as being best tested and proven practices and which have been found to work on most projects most of the time provide a logical or rational sequence showing when those tools or techniques would normally and customarily be used and in selected instances show how to use those tools techniques and or where to find additional information on how to use or apply them      **Project Planning and Control Using Primavera P6 Oracle**

**Primavera P6 Versions 8.1 and 8.2** Paul E. Harris,2012-03-01 A user guide and training manual written for Project Management Professionals who wish to learn how to plan and control projects in an established Primavera Enterprise environment with or without Resources and Roles This book is an update of the author s Primavera P6 Version 7 book and contains updated workshops new content and an Earned Value chapter It has been written so it may be used with any software industry version      **A Contractor's Guide to Planning, Scheduling, and Control** Len Holm,2022-02-02 A MUST HAVE PRACTICAL GUIDE THAT CONNECTS SCHEDULING AND CONSTRUCTION PROJECT MANAGEMENT In A Contractor s Guide to Planning Scheduling and Control an experienced construction professional delivers a unique and effective approach to the planning and scheduling responsibilities of a construction project manager superintendent or jobsite scheduler The author describes the complete scheduling cycle from preconstruction and scheduling through controls and closeout from the perspective of real world general contractors and scheduling professionals Filled with tools and strategies that actually help contractors build projects and light on academic jargon and terminology that s not used in the

field the book includes examples of real craft workers and subcontractors like electricians carpenters and drywallers to highlight the concepts discussed within Finally an extensive appendix rounds out the book with references to additional resources for the reader This comprehensive guide includes Thorough introductions to construction contracting lean construction planning subcontractor management and more A comprehensive exploration of a commercial case study that is considered in each chapter connecting critical topics with a consistent through line End of chapter review questions and applied exercises Access to a companion website that includes additional resources and for instructors solutions additional case studies sample estimates and sample schedules Perfect for upper level undergraduate students in construction management and construction engineering programs A Contractor's Guide to Planning Scheduling and Control is also an irreplaceable reference for general contractors and construction project management professionals

**PRINCE2 Planning and Control Using Microsoft Project** Paul E. Harris, 2010-06-03 This book is primarily a Microsoft Project book and designed to teach project management professionals who understand the PRINCE2 2009 and earlier versions of the PRINCE2 methodology to use Microsoft Project to plan and control a PRINCE2 projects It identifies which PRINCE2 processes may be handled with Microsoft Project and how the software may be effectively used to assist in managing a project The book is based on Microsoft Project 2007 but may be used with Microsoft Project 2003 2002 or 2000 as the book outlines the differences between the versions

*Project Planning and Control Using Oracle Primavera P6 Versions 8. 1, 8. 2 and 8. 3 Professional Client and Optional Client* Paul E Harris, 2013-07-31 A user guide reference book and two day training course written for Project Management Professionals who wish to learn how to plan and control both an unresourced and resourced project in an established Oracle Primavera environment This book is an update of the author's unpublished book titled Planning and Control Using Primavera P6 1 Web and includes the new features of Oracle Primavera P6 Version 8 2 Web The book is packed with screen shots constructive tips and contains workshops with solutions at the end of each chapter for the reader to practice the skills taught It has been written so it may be used with the EPPM Web tool The book is aimed at People who wish learn the software but are unable to attend a training course and find the software reference manual hard going Project management companies who wish to run their own software training courses or provide their employees with an alternative text to the vendor supplied user manual Training organizations requiring a training manual to run their own training courses This book is a PMI Approved course and instructors PowerPoint slide shows are available to training organizations PMI REPs may apply to have this course licensed to them and award 21 PDUs to each attendee Primavera Systems Inc originally asked the author to write this book and this publication is ideal for people who would like to gain an understanding of how the software operates up to an intermediate level It only covers the Primavera Versions 8 2 Web tool It explains some of the differences from the Professional tool SureTrak P3 Microsoft Project and Asta Powerproject to assist people converting from other products The book is designed to teach planners and schedulers in any industry how to setup

and use the software in a project environment It explains in plain English and in a logical sequence the steps required to create and maintain an unresourced and resourced schedule It tackles some of the more complex aspects of the software that the user manual does not address It highlights the sources of information and the methods that should be employed to produce a realistic and useful project schedule The book provides advice on how on how the many software options may be applied to projects environments and it aims to teach readers how to plan and control projects created within the software package and stays focused on explaining how to use Primavera to schedule projects by Concentrating on the core functions required to set up an enterprise environment and how to plan and control projects Providing command lists at the start of each chapter as a quick reference Providing a comprehensive table of contents and index of all topics The book is intended to be used As a self teach book or A user guide or A training manual for a two day training course This book is written by an experienced scheduler who has used the software at the sharp end of projects and is not a techo It draws on the author s practical experience in using the software in a wide variety of industries It presents workable solutions to real day to day planning and scheduling problems and contains practical advice on how to set up the software and import data About the Author Paul Harris holds an Honours Degree in Civil Engineering obtained in the UK and is a Certified Cost Engineer through AACEI International a PRINCE2 Registered Practitioner an Approved PRINCE2 Trainer and a Managing Successful Programmes Registered Practitioner He has worked in the project controls industry for a number of years and has assisted many companies in a range of industries to set up and run project controls systems His Melbourne Australia based company Eastwood Harris Pty Ltd offers project controls consulting and training services worldwide with a strong focus on Microsoft Project and Primavera software

**Construction Delays** Mark F Nagata, William A Manginelli, Scott Lowe, Ted J Trauner, 2017-09-20 Construction Delays Third Edition provides the latest specialized tools and techniques needed to avoid delays on construction projects These include institutional industrial commercial hi rise power and water transportation and marine construction projects Most other references provide only post facto construction delay analysis This update includes 18 chapters 105 sections and approximately 100 new pages relative to the second edition Features greatly expanded discussion of the project management concerns related to construction delays including a more comprehensive discussion of the development and review of the project schedule Offers a detailed analysis of the strengths and weaknesses of the most common construction delay approaches and how they should be properly deployed or avoided Includes significant discussion of the contract provisions governing scheduling the measurement of delays and payments for delay Includes numerous real world case studies

**Project Planning and Control Using Oracle Primavera P6 - Version 8.1 and 8.2** Paul E. Harris, 2012 A user guide and training manual written for Project Management Professionals who wish to learn how to plan and control projects in an established Primavera Enterprise environment with or without Resources and Roles This book is an update of the author s Primavera P6 Version 7 and 8.1 book and contains updated workshops new content and an Earned

Value chapter It has been written so it may be used with any software industry version Project/contract Management Techniques Handbook ,1983 *Management* ,1992 **Project Planning and Control Using Primavera P6** Paul Eastwood Harris,2010 User guide and training manual written for PM professionals who wish to learn how to set up a database and plan and control projects using Primavera P6 with or without Resources and Roles The book is aimed at project management companies who wish to run their own training courses and training organisations requiring a training manual

*Construction Project Scheduling and Control* Saleh A. Mubarak,2019-09-18 Ensure successful construction projects through effective project scheduling and control The success of a construction project is dependent on a schedule that is well defined yet flexible to allow for inevitable delays or changes Without an effective schedule projects often run over budget and deadlines are missed which can jeopardize the success of the project The updated Construction Project Scheduling and Control Fourth Edition is a comprehensive guide that examines the analytical methods used to devise an efficient and successful schedule for construction projects of all sizes This Fourth Edition describes the tools and methods that make projects run smoothly with invaluable information from a noted career construction professional Construction Project Scheduling and Control Fourth Edition offers construction professionals a redefined Critical Path Method CPM and updated information on Building Information Modeling BIM and how it impacts project control This Fourth Edition includes worked problems and scheduling software exercises that help students and practicing professionals apply critical thinking to issues in construction scheduling This updated edition of Construction Project Scheduling and Control Includes a revised chapter on the Critical Path Method CPM and an all new chapter on project scheduling and control as viewed through the owner s perspective Provides numerous worked problems and construction scheduling exercises Includes an expanded glossary and list of acronyms Offers updated instructor materials including PowerPoint lecture slides and an instructor s manual Written for undergraduate and graduate students in construction management civil engineering and architecture as well as practicing construction management professionals Construction Project Scheduling and Control Fourth Edition is updated to reflect the latest practices in the field *NASA SP-7500* United States. National Aeronautics and Space Administration,

*Secrets to Mastering the WBS* Liliana Buchtik,2013-10-01 The Second Edition of the popular book on the most practical approach to project Work Breakdown Structures WBS and scope management With hundreds of real world project examples this book will change the way you think about and understand the WBS Learn the secrets to mastering the WBS and obtain smarter project results starting now A must read book for successful project managers **Project Management, Planning and Control** Albert Lester,2017-02-18 Project Management Planning and Control Managing Engineering Construction and Manufacturing Projects to PMI APM and BSI Standards Seventh Editions an established and widely recommended project management handbook Building on its clear and detailed coverage of planning scheduling and control this seventh edition includes new advice on information management including big data communication dispute resolution project governance



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