Welcome to the
Eastwood Harris Pty Ltd
Primavera P6
Versions 8 to 21
PPM Professional
3 day training course

2

Administration

Evacuation procedure

Facilities, timings and meals

Mobile phones & Emails

Introductions:

Your name,

The types of projects you are involved in,

Your experience in scheduling software,

Course Objectives
This objectives of this course are to teach participants:

Introduction to the user interface,
How to plan projects without resources,
Filters, layouts and printing,
Baselines, and updating an un-resourced project,
Creating and assigning roles and resources,
Controlling projects with resources and costs,
Setting up and administering a database plus advanced features including import/export,
Activity Codes, Custom Data Fields and Global Change,
Successful completion of all the course workshops will confirm that the objectives have been met.

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• What you seek from this course and

Course attendance sheet.

• What version of P6 does your company use,

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Course Conduct
The course consists of:

• The instructor demonstrating the software using a combination of:

• A PowerPoint slide show and

• Live software demonstrations,

• Most chapters are then reinforced with student workshops working through a scenario of creating a small project planning the submission of a bid,

• The book is for you to keep,

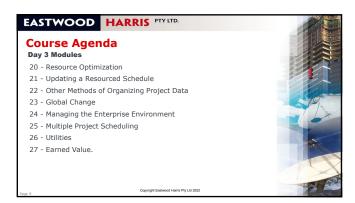
• Ask any questions as the course progresses.

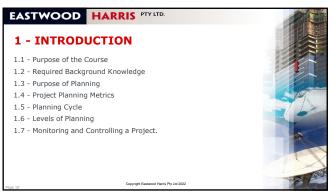
Course Agenda
Day 1 Modules

1 - Introduction
2 - Creating a Project Plan
3 - Starting Up and Navigation
4 - Creating a New Project
5 - Defining Calendars
6 - Creating a Primavera Project WBS
7 - Adding Activities and Organizing Under the WBS
8 - Formatting the Display
9 - Adding Relationships
10 - Activity Network View
11 - Constraints.

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1.1 - Purpose of the course

Provide a method for planning, scheduling and controlling projects using Primavera,

Within an established Enterprise Project database or a blank database,

Up to an intermediate level.

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1.2 - Required Background Knowledge

1. The ability to use a personal computer and understand the fundamentals of the operating system,

Experience using application software such as Microsoft Office and

An understanding of how projects are planned, scheduled and controlled, including understanding the project management processes applicable to your projects.

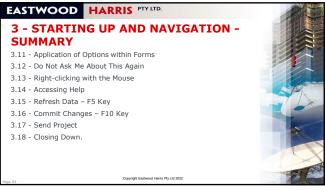
1.3 - Purpose of Planning

• The ultimate purpose of planning is to build a model that allows you to predict which activities and resources are critical to the timely completion of the project,

• Strategies may then be implemented to ensure that these activities and resources are managed properly, thus ensuring that the project will be delivered both On Time and Within Budget.

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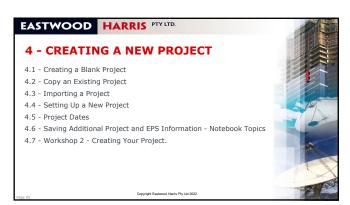


3.19 - Workshop 1 - Navigating Around the Windows

1. To become familiar with Primavera you will need open your database and navigate around the windows,

Note: Your windows may look different from the ones used in this course which uses a demonstration database provided by Oracle Primavera.

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4.1 - Creating a Blank Project

- Select Eile, New to run the Create a New Project wizard,

- Information Required:

- EPS Node

- A unique Project ID

- Project Name

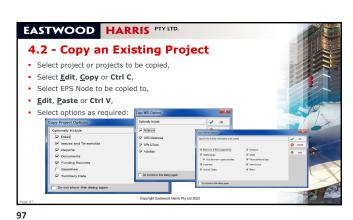
- Planned Start date

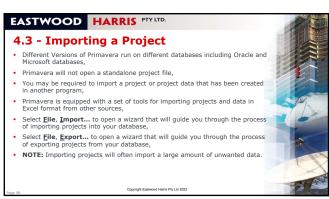
- (Optional Must Finish By date)

- Responsible Manager (OBS)

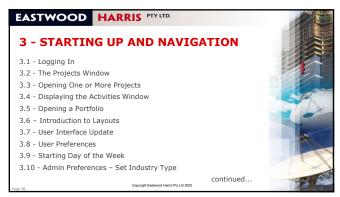
- Resource Rate Type.

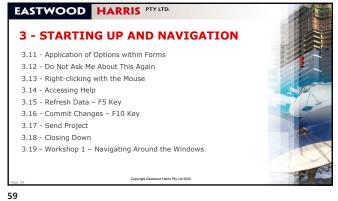
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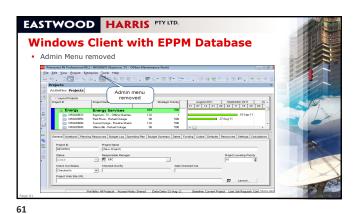








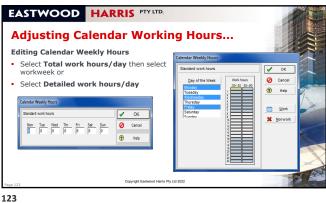
EASTWOOD HARRIS PTY LTD. Database Options for P6 V8 to 20 There are three database options for P6 Version 8 to 20: EPPM – Enterprise Project Portfolio Management: Two interfaces, Web client and Windows client, · Administration and reporting from the Web, Scheduling may be completed from the Web but the tool is weak, Scheduling is normally undertaken in the Windows Client, Allows integrations with many other Oracle tools, · Aimed at large corporations, PPM - Professional Project Manager: • One interface, Windows Client, · Restricted integration, Aimed at smaller companies Stand-Alone installations: One interface, Windows Client, Aimed at consultants and companies with a single user

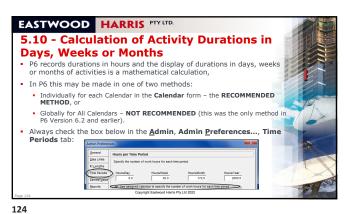


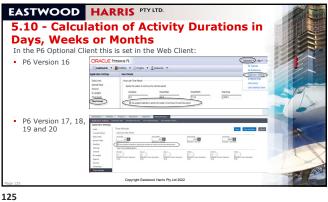
EASTWOOD HARRIS PTY LTD. Web Tool Version 16 This is where Administration is undertaken: DRACLE Primavera P6 Admin Menu 🕾 ? • 👀 Ø 🗴 🗎 🔯 Budget by PM

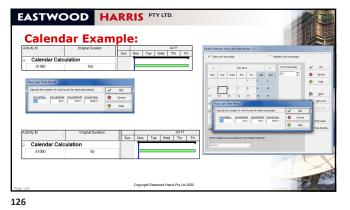
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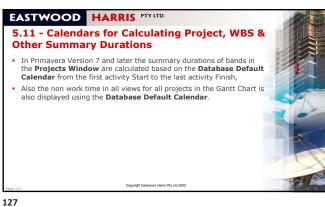
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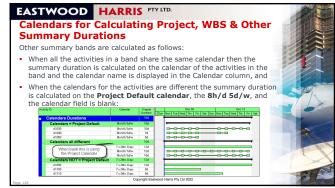


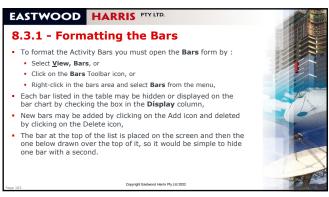


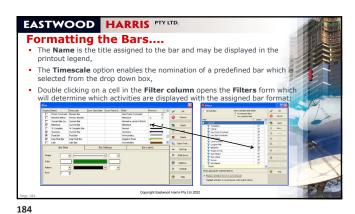


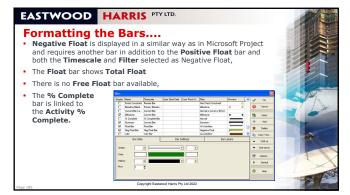












8.3.2 Formatting Bars Issues

• There are a number of issues with the Primavera standard bar formatting that need to be understood so the user may display the activity bars logically,

• The Primavera default formatting is applied by clicking on the Default button in the Bars form,

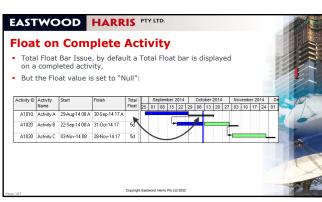
• In general this Default button should always be avoided in all forms as it re-applies the Primavera defaults destroying any formatting changes you have made,

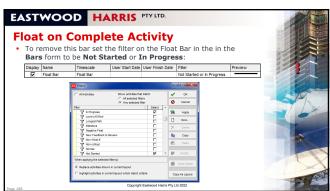
• These formatting issues have been resolved in the www.primavera.com.au layout,

• You should consider using the www.primavera.com.au layout to create new layouts resolves many of these issues,

• We will go through these issues now.

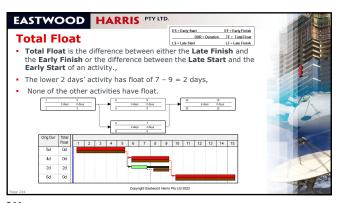
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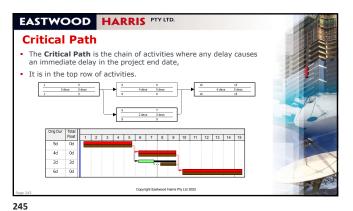


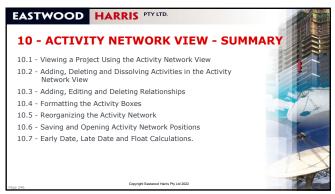


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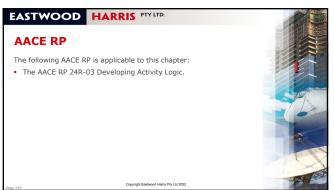
10.8 - Workshop 8 - Scheduling Calculations and Activity Network View

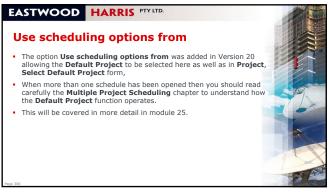
• We want to practice using the Activity Network View and,

• Then you may work through calculating early and late dates with a simple manual exercise which is found in your copy of the book this course is based on.

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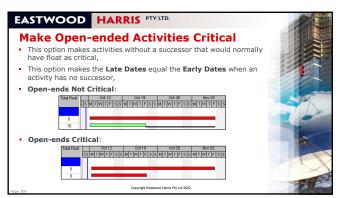
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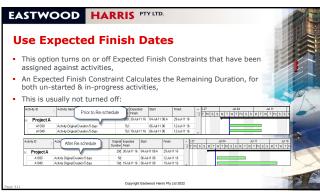
EASTWOOD HARRIS PTYLTD. Ignore relationships to and from other projects Relationships may be created between two projects when: · Two or more projects are opened together, or When using the **Select project** option in the Predecessor or Successor forms to create a relationship to an unopened project, Checking this option will ignore relationships with other projects that are not currently open, Also, activities which have been imported with External Early Start and **External Late Finish** dates have these constraints ignored when checked, covered later.

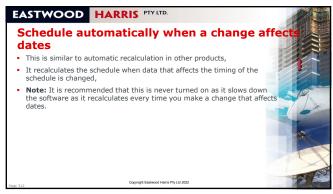
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EASTWOOD HARRIS PTY LTD. **Make Open-ended Activities Critical** This also allows the user to display multiple **Critical Paths** in one project without the use of constraints: Open-ends Not Critical: Open-ends Critical:

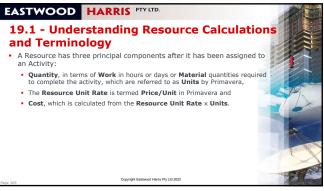
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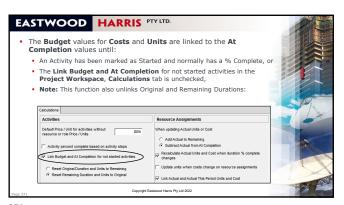


Each Resource and Expense has the same four fields for Costs and Units: Budget, Remaining, Actual and At Completion,
 When an activity is Not Started and the % Complete is zero then:
 Budget is normally linked to Remaining and At Completion and therefore a change to one will change the other two and they will always be equal, and
 Actual will be zero,

When the activity is marked Started and would normally be in-Progress and the % Complete is between 1% and 99% then:
 Budget becomes unlinked from Remaining and At Completion, and
 At Completion = Actual + Remaining and have a link to % Complete,

When the activity is Complete and the % Complete is 100% then:
 Remaining is set to zero, and
 At Completion = Actual.

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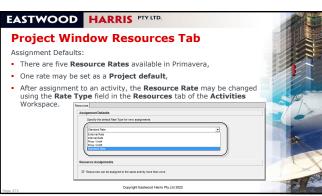
### PAYS TO PROJECT WINDOW RESOURCE Preferences

• We will look at the settings applicable to assigning resources in the:

• Resources tab and
• Calculations tab.

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Project Window - Resources Tab

Drive activity dates by default

1. This allows the Activity Original Duration to be unlinked from the Resource Assignment Duration,

2. When unchecked will allow resources to be scheduled outside an activity duration, see next slide,

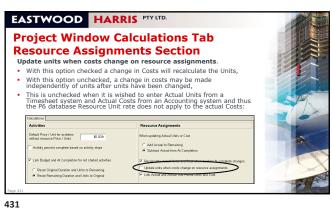
3. It is recommended that this is NOT unchecked:

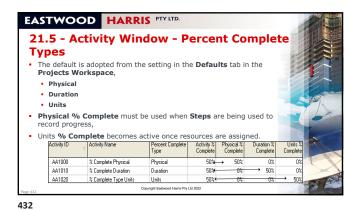
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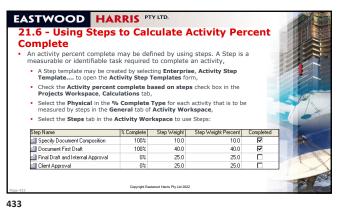
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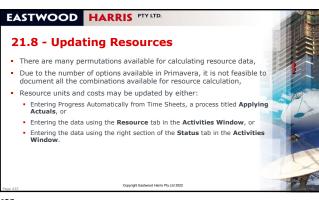
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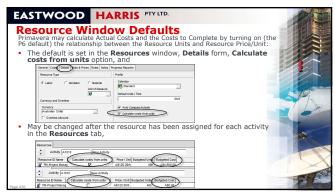






EASTWOOD HARRIS PTY LTD. 21.7 - Updating the Schedule - Preferences, **Defaults and Options for Updating a Project** The following options to be considered and checked before updating a schedule: % Complete Type. Activity Type, Project Window Calculations tab, Duration Type, Timesheets, Resources Cost Calculation. Resource Window Details Tab · Schedule Options and • Steps



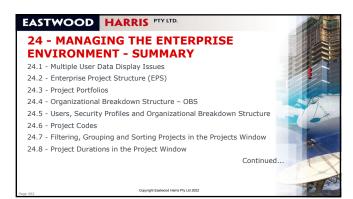


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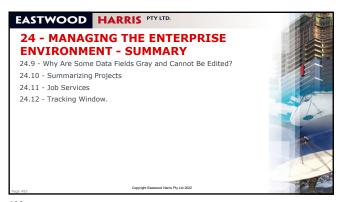
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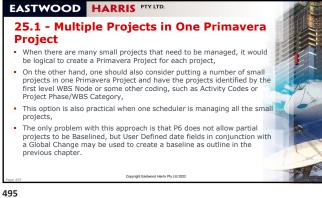
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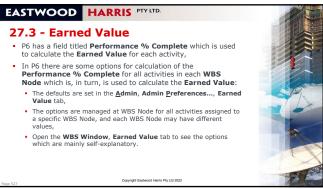


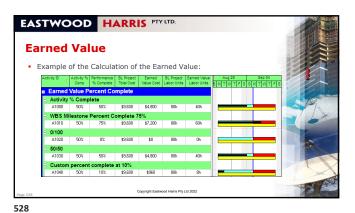
EASTWOOD HARRIS PTY LTD. 25 - MULTIPLE PROJECT SCHEDULING 25.1 - Multiple Projects in One Primavera Project 25.2 - Multiple Primavera Projects Representing One Project 25.3 - Setting Up Primavera Projects as Sub-projects 25.4 - Refresh Data and Commit Changes 25.5 - Who Has the Project Open? 25.6 - Setting Baselines for Multiple Projects 25.7 - Restoring Baselines for Multiple Projects.

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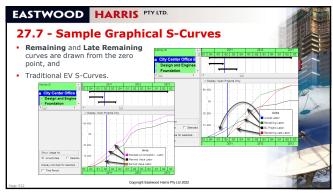


EASTWOOD HARRIS PTY LTD. 27.4 - Actual Costs These are the costs actually incurred in performing the work, Actual Costs are often calculated from the amount paid plus accruals. Actual Costs and Actual Units may be recorded in Primavera and · The total to date, or Calculated from the Financial Periods values when Period values are stored. EASTWOOD HARRIS PTY LTD. 27.5 - Estimate to Complete • P6 has two separately calculated estimate to complete fields: Estimate to Complete from Resource and Expense Units and Costs, usually titled Remaining Costs or Remaining Units and Estimate to Complete from P6 Earned Value Calculations, titled **Estimate to Complete** (costs) or **Estimate to Complete Labor Units**, **NOTE:** It is very important that users understand the differences between these two fields and know which they are using and displaying.

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EASTWOOD HARRIS PTY LTD. 27.6 - Activity Usage S-Curve Options • The instructor will step through the options: 531



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