

Welcome to the
Eastwood Harris Pty Ltd
Primavera P6
Versions 8 to 22
PPM Professional
3 day training course

EASTWOOD HARRIS PTYLTD.

Administration

• Evacuation procedure

• Facilities, timings and meals

• Mobile phones & Emails

• Mobile phones & Emails

• Introductions:

• Your name,

• The types of projects you are involved in,

• Your experience in scheduling software,

• What you seek from this course and

• What version of P6 does your company use,

• Course attendance sheet.

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.

4

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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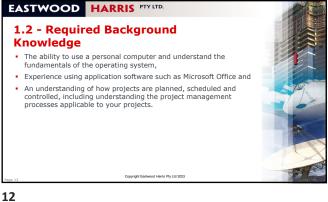
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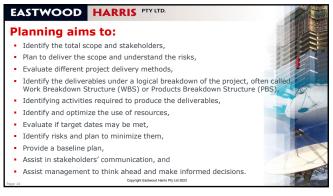


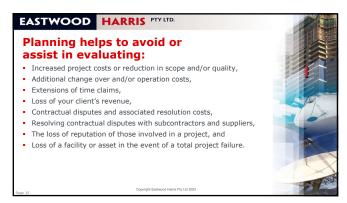
EASTWOOD HARRIS PTY LTD. 1.1 - Purpose of the course Provide a method for planning, scheduling and controlling projects using Primavera, Within an established Enterprise Project database or a blank Poling Slide Show Up to an intermediate level.

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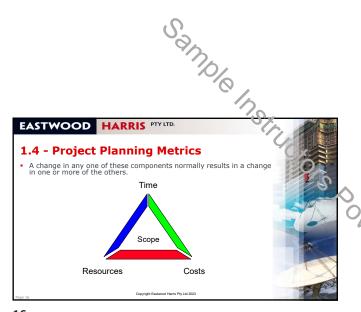


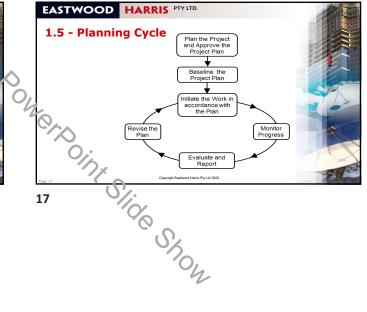
EASTWOOD HARRIS PTY LTD. 1.3 - Purpose of Planning The ultimate purpose of planning is to build a model that allows you to predict which activities and resources are critical to the timely completion of the project, Strategies may then be implemented to ensure that these activities and resources are managed properly, thus ensuring that the project will be delivered both **On Time** and **Within Budget**.



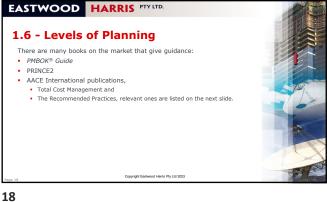


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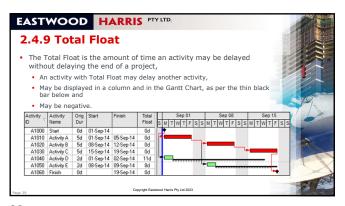


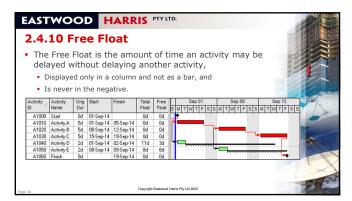


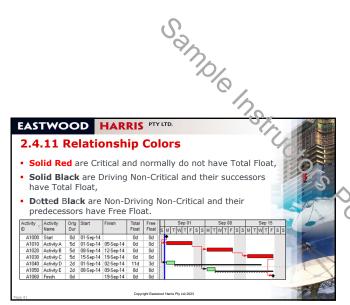
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EASTWOOD HARRIS PTYLTD 2.4.12 Constraints To correctly model the impact of events outside the logical sequence, you MAY use constraints, A constraint would be imposed to specific dates such as: • The availability of a facility to allow work to commence, or · The predetermined time a project must be complete by, Constraints should be cross-referenced to the supporting documentation such as contract documentation Milestone oline Slide Show

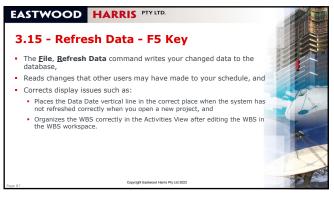
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EASTWOOD HARRIS PTY LTD. 4.13 Project Constraints When a **Project Finish Date** constraint is assigned then Total Float is calculated to this date, The picture shows a project with a **Project Finish Date** on Friday 26 September developing 5 days Total Float. | Sep 00 | Sep 15 | Sep 22 |
| T W T F S S M T W T F S S M T W T F S S M T W T F S

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3.18 - Closing Down

The closing down options are:

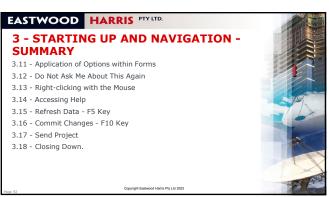
• Select File, Close All or Ctrl+W to close all Projects, but not the software,

• Select File, Exit or click the icon in the top right side of the Primavera window to shut down all projects and close Primavera.

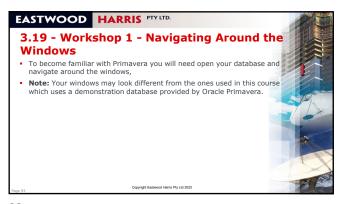
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EASTWOOD HARRIS PTY LTD. 4.2 - Copy an Existing Project Select project or projects to be copied, Select Edit, Copy or Ctrl C, Select EPS Node to be copied to. Edit, Paste or Ctrl V. Select options as required: Stick Show

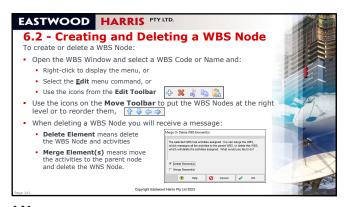
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EASTWOOD HARRIS PTY LTD. 4.3 - Importing a Project Different Versions of Primavera run on different databases including Oracle and Microsoft databases, Primavera will not open a standalone project file, You may be required to import a project or project data that has been created in another program, Primavera is equipped with a set of tools for importing projects and data in Excel format from other sources, $\,$ Select **Eile**, **Import...** to open a wizard that will guide you through the process of importing projects into your database, Select $\underline{\textbf{File}}$, $\underline{\textbf{Export...}}$ to open a wizard that will guide you through the process of exporting projects from your database, NOTE: Importing projects will often import a large amount of unwanted data 97

EASTWOOD HARRIS PTY LTD. 4.3.1 - Primavera File Types XER - Used to exchange one or more projects between Primavera databases, supported by the Web module and does not include any baseline projects. Bas projects need to be restored and exported separately,

PLF - Used to exchange Layouts between Primavera databases, **ANP**- Used to save the position of activities in an Activity Network, **ERP**- Used to exchange Reports between Primavera databases, ERP- Used to exchange Reports between Primavera databases, XML - A format introduced with Primavera Version 6.0 which may be used to impo and export projects. It is supported by the Web module and will also import and export Baselines and Project Activity Layouts and therefore should be used instead of XFR files to bransfer project from one database to another. NOTE: This is the same software language but a different format to a Microsoft Project XML file so be careful with the naming of your files, so you do not confuse MSP and a P6 XML file may recalculate the cost of an imported project. PCF - Used to exchange Global Changes between Primavera databases $\mbox{\it VLF}$ - Visualizer Layout File allows the import and export of Visualizer Layouts between databases.

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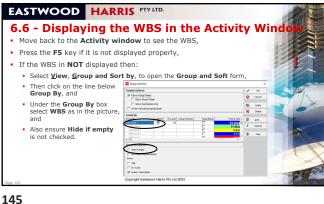


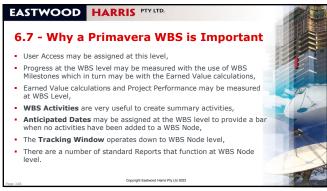


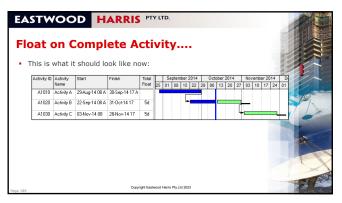
EASTWOOD HARRIS PTYLTD - WBS Categories WBS Nodes may be assigned categories, which enables WBS Nodes within an EPS to be grouped and sorted in a different way, Created using Admin, Admin Categories..., WBS Categories tab WBS Categories are assigned to and removed from WBS Nodes by inserting the WBS Categories column into the WBS Window. 1 Help 🔯 Close Stick Show

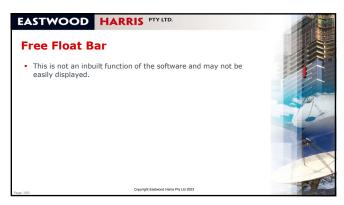
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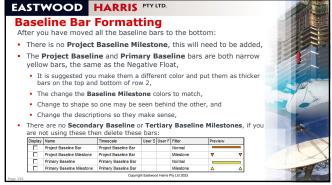


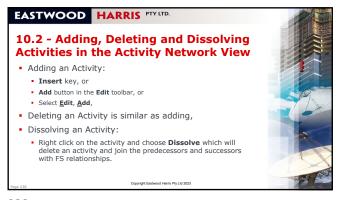


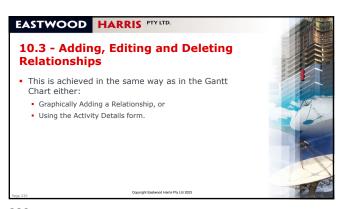


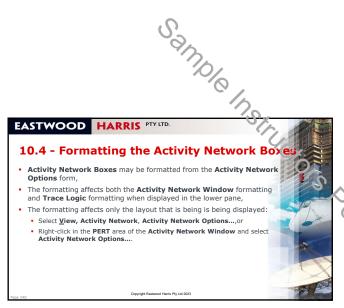
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EASTWOOD HARRIS PTY LTD. **Remaining Level of Effort and Actual Level of Effort bars** The activity bar may disappear when a LOE Activity is created, You should check in the Bars form that both the Remaining Level of Effort and Actual Level of Effort bars are always displayed:

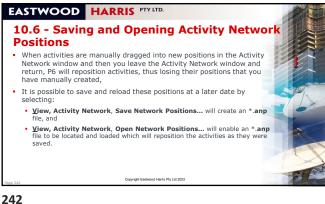


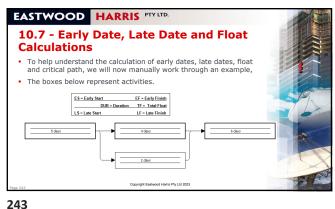


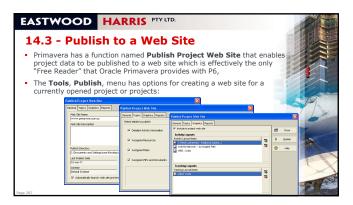


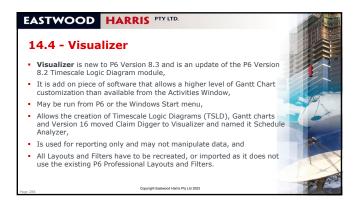


EASTWOOD HARRIS PTYLTD. 10.5 - Reorganizing the Activity Network Activities in the **Activity Network** view may be repositioned by There are two functions available when right-clicking in the Activity Olina Show Reorganize will reposition activities that have not been manually position Reorganize All will reposition all activities including those that have been manually positioned.







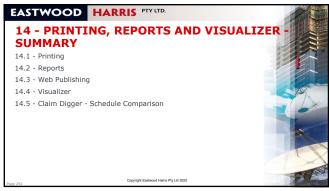


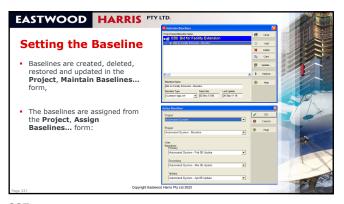


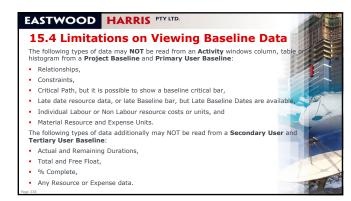
EASTWOOD HARRIS PTYLTD Starting Visualizer There are initially 4 or 5 buttons at the top of the screen and the additional printing button was available on earlier version of Visualizer Later Visualizer menu will show you the main functions of Visualizer. Slide Show 290

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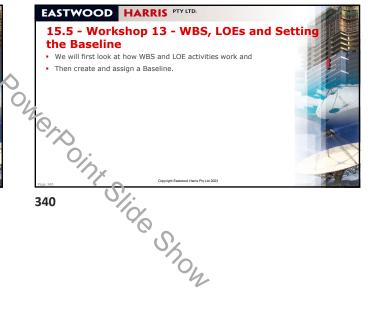
EASTWOOD HARRIS PTY LTD. 14.5 - Claim Digger - Schedule Comparison Schedule Comparison enables a user to compare two schedules and evaluate what changes have been made to a later version and often used in claims analysis, Version 16.1 moved Schedule Comparison to Visualizer. From P6 select **Tools**, **Visualizer** to open **Visualizer**. There is now an additional menu item named **Schedule Comparison**, · Also, the menu has changed from earlier versions, As with **TSLD** or the **Gantt**, in **Schedule Comparison** you will need to create a View and then add the projects or project and a baseline for comparison. 291



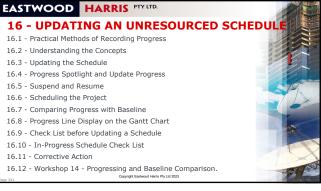


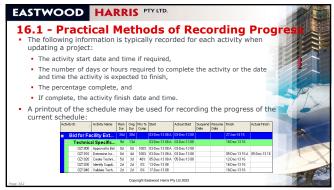


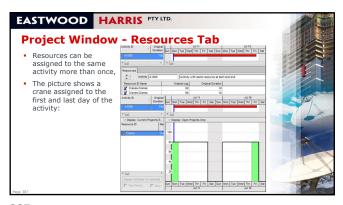


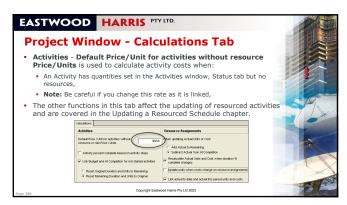


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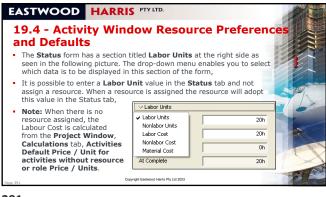


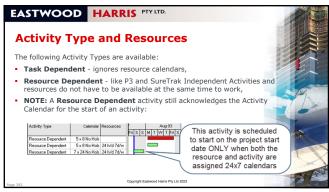


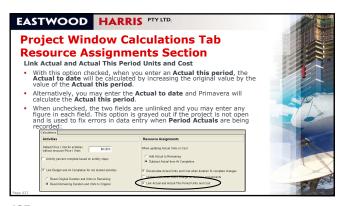
EASTWOOD HARRIS PTY LTD. **User Preferences Applicable to Assigning** Resources Select Edit, User Preferences... to open the User Preferences form, Calculations tab, Assignment Staffing section, The **Assignment Staffing** option are self explanatory and should be considered carefully when resources and roles have different rates. If the are not understood and set incorrectly the resource may end up with the incorrect unit rate when Assignment Staffing assigned to a Role or existing Resource, Mote: When two users have different settings this may resurt in a schedule having two different rates for the same resource. * Slide Show Ask me to select each time I assign

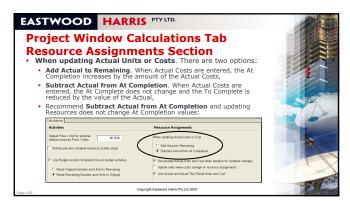
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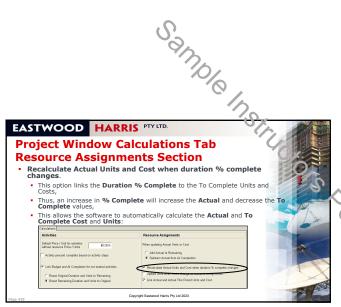
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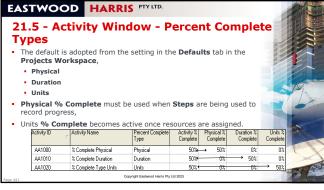


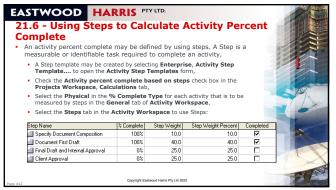


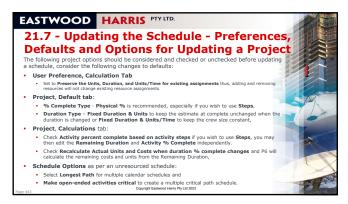
EASTWOOD HARRIS PTY LTD. **Project Window Calculations Tab Resource Assignments Section** Update units when costs change on resource assignments With this option checked a change in Costs will recalculate the Units, With this option unchecked, a change in costs may be made independently of units after units have been changed, This is unchecked when it is wished to enter Actual Units from a Timesheet system and Actual Costs from an Accounting system and thus the P6 database Resource Unit rate does not apply to the actual Costs: 5/ide Show

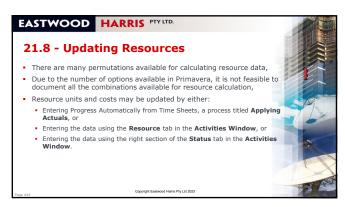
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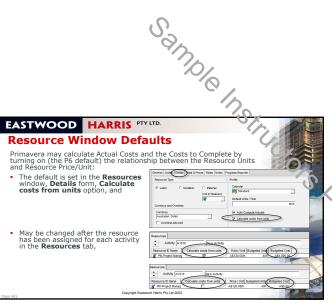
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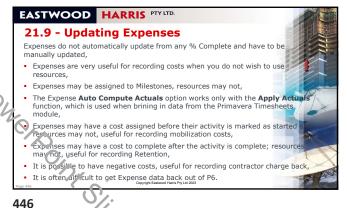






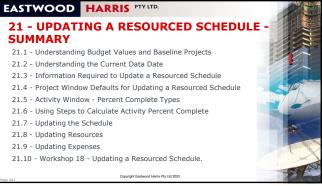


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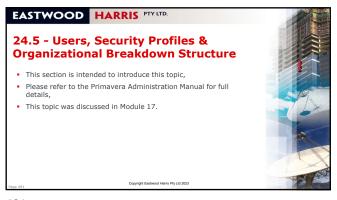


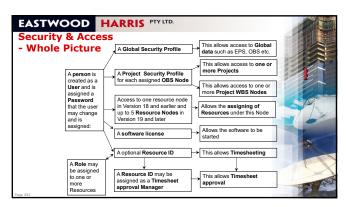
21.10 - Workshop 18 - Updating a Resourced Schedule

• The project has progressed one week,

• We now need to update the activities and resources and calculate the forecast cost and revised finish date of the project.

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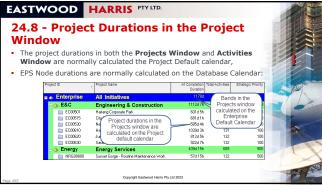
24.7 - Filtering, Grouping & Sorting Projects in the Projects Window

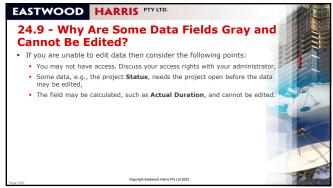
Projects are Grouped and Sorted and filtered in the Projects Window in the same way as activities are in the Activities Window,

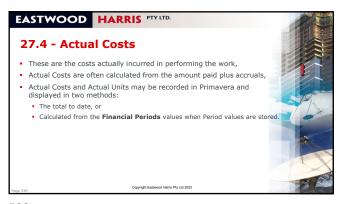
Layouts, Filters, columns and bar formatting work in the same way in both windows.

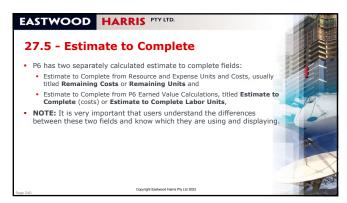
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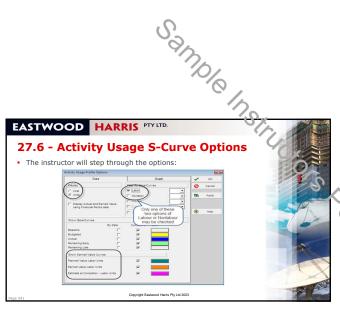
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27.7 - Sample Graphical S-Curves

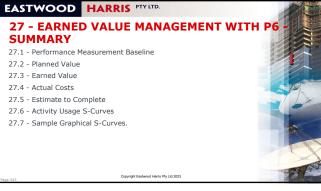
Remaining and Late Remaining curves are drawn from the zero point, and

Traditional EV S-Curves.

Traditional EV S-Curves.

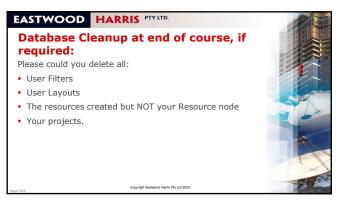
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Review Expectations

Any questions,
Complete Feedback Sheet,
Course Certificates,
Have we met your expectations?





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