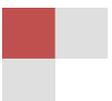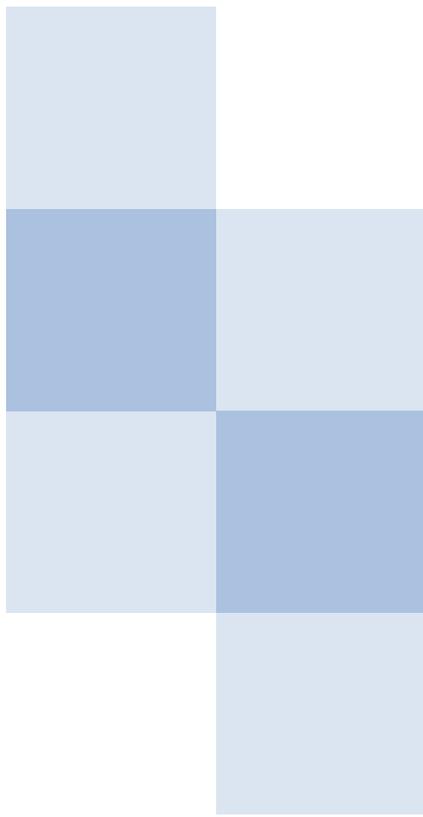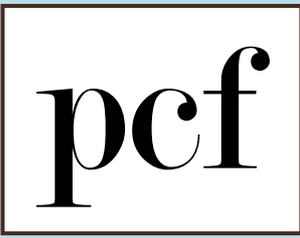# pcf

QEI Management Reporting

Graphical Reports Brochure

THE SMARTER WAY TO CREATE COMPELLING GRAPHICAL REPORTS FROM YOUR PROJECT OR ASSET MANAGEMENT DATA

ORACLE Gold Partner
Specialized
Primavera P6 Enterprise
Project Portfolio Management

TAILOR MADE GRAPHICAL REPORTS FOR ALL REQUIREMENTS

PCF has been delivering graphical software solutions based on QEI Technology that interface directly with Primavera or Microsoft Project and other software such as spreadsheets, ERP or Asset Management Systems since 1982.

PCF has been a Primavera (ISV) Technology Partner since 2002, and has been an Oracle Gold Partner Specialized in Primavera since 2010. The company is also a member of the Microsoft Partner Network.

What is PCF's QEI Management Reporting?

1. As the name implies this software provides additional project and management reporting capabilities for both Primavera, Microsoft Project and other systems.

2. The creation of a library of standard reports allows users to view project data in a consistent form from any source.

3. It is regarded as the simplest add on to either of those scheduling tools to produce reports or combine them as required.

Why choose QEI when you already have a planning system?

4. From Construction, Testing, Commissioning and through to Operations and Maintenance: Simply import your project data in to QEI and produce views on screen or for the printer to show Earned Value, CPI, SPI, Milestone Slippage and more.

5. Break down complex Programmes or Projects into easily understandable pictures: Take into account any Resource elements rather than activities. Break down lots of activities into Aggregated Resource reports.

How do I create a report in QEI quickly?

6. You can import data from either Primavera P6 or Microsoft Project through easy to use standard wizard interfaces that handle all the key information such as: Baselines, Current Schedule, Resource and Progress.

7. Users can create a library of reports that provide consistency regardless of data source:

   a. Once the data is available reports can be created in a matter of seconds.

   b. Importing directly from planning systems ensures that the schedule and resource information is up to date.

   c. Organisations can even prevent users from modifying any imported data whilst allowing them to format of display data in the way that they require.

   d. QEI has been specifically designed for the creation and manipulation of reports that are not available from Primavera or Microsoft Project but are based on the imported data.

Can I add symbols to these reports?

8. You can import or create symbols for use as annotation on the report.

9. These symbols can be associated with locations as well as activities.

10. These symbols can be stored in a library for reuse.

11. Photographs or drawings can be imported and incorporated alongside the main data to enhance the presentation (as shown in the example).

How do I synchronise my plan and keep it up to date?

12. An issue when importing data is keeping it up to date with any changes. So importing from an existing planning system and then periodically updating QEI with changes is one way.

13. QEI has been designed to integrate with external data sources such as Primavera P6 and Microsoft Project.

14. Similarly QEI can export in a wide variety of formats thus making data transfer easier for the user.

15. When importing project data for the first time, QEI will import all of the relevant data (including resources and working calendars) to ensure that data remains completely synchronised in both places

What output options have I got apart from reports on screens?

16. QEI can produce output in a variety of formats, depending on your requirements:

    a. Paper sizes up to A0 or greater.

    b. Output to any device supported by Microsoft Windows, including PDF generators.

    c. Group report views together for printing in a single operation.

    d. Publish reports to a company Intranet as Web Pages.

Summary of why users choose QEI for their management and project reporting requirements!

17. Ease of importing data from Primavera P6 or Microsoft Project through standard wizard interfaces.

18. Provides for customisation of output to suit your needs.

19. Visualisation of data from planning systems that cannot be produced by the planning systems.

20. Time saving creation of a library of reports allowing users to view project data through a consistent set of reports.
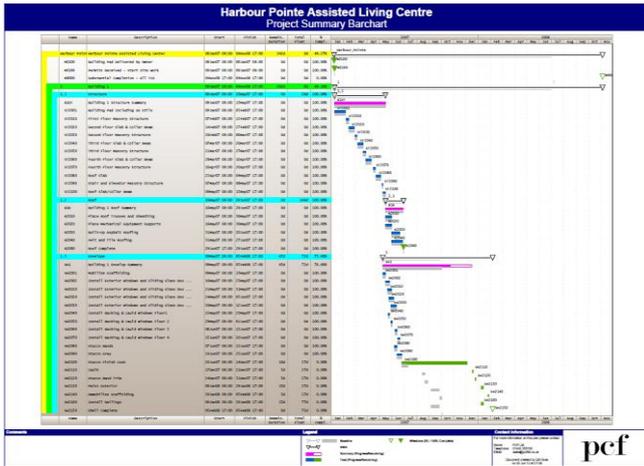
21. Highest quality vector graphics output in any size or even to roll plotters.

22. Ability to convert reports to JPEG or SVG formats for publishing to the Intranet.

23. Return on investment, ensuring that the project schedules do reflect the way the job is going to be done.

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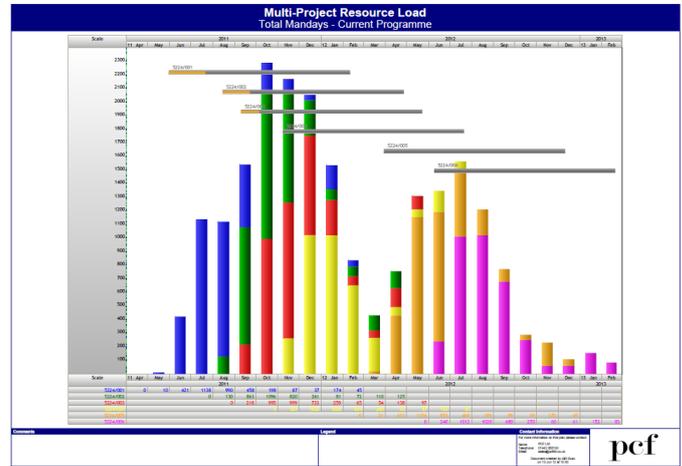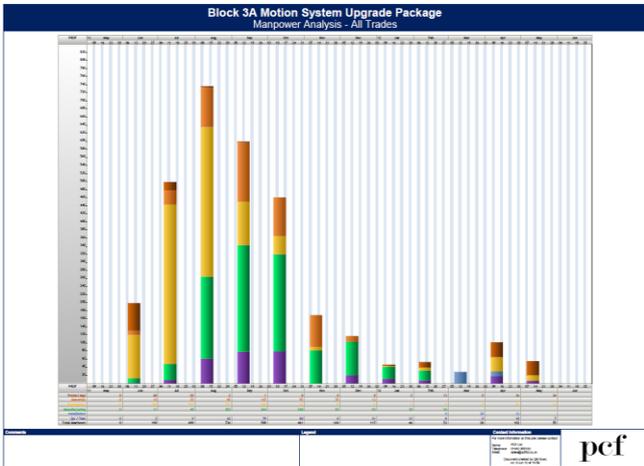
These examples look nice, but what do they tell me?

GANTT CHARTS

QEI Management Reporting provides users with many options when it comes to producing Gantt Charts - these include:

- Display bars alongside columns
- Relationships can be displayed or not
- Additional annotations can be added in a frame surrounding the Gantt chart of by the use of text boxes.
- Resource assignments can be displayed as histograms or curves or both.
- The time now line can be displayed as a progress line to "highlight" progress deviations.

STACKED HISTOGRAMS

QEI Management Reporting supports resource analysis for either a single or multiple projects, allowing usage of resources to become easily visible

- Resources can be colour coded for easy identification
- Filtering allows users to see where resources are being used on projects
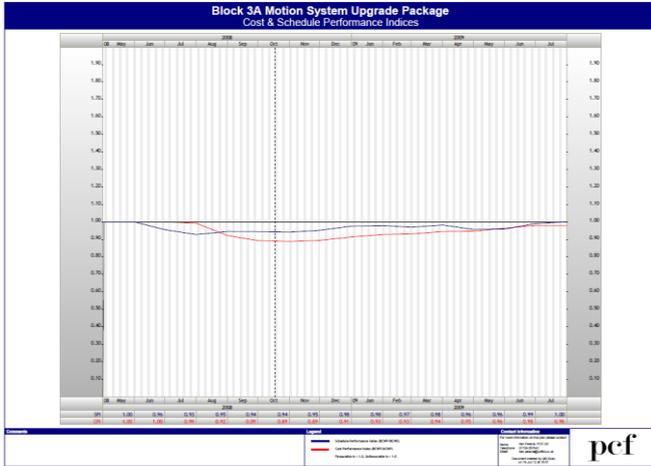- Histograms can be overlaid on Gantt charts

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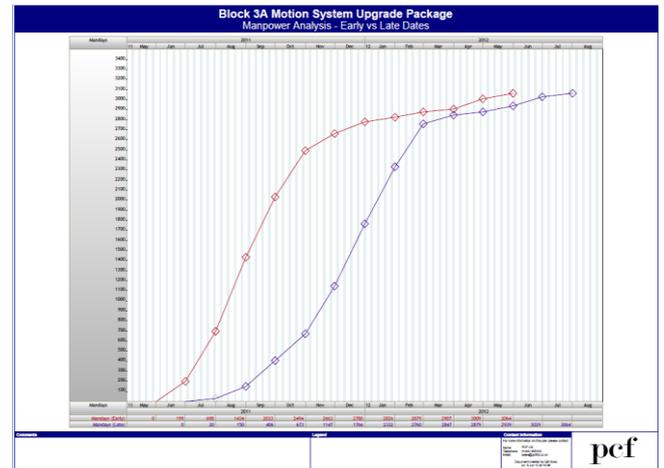
CPI / SPI CURVES

QEI Management Reporting's Schedule Performance Indices and Cost Performance Indices reports based upon the comparison of the current project schedule and a baseline.

- This allows users to visualise where they have over or under achieved, or where they have encountered costs that are under or over the original cost profile (budget).
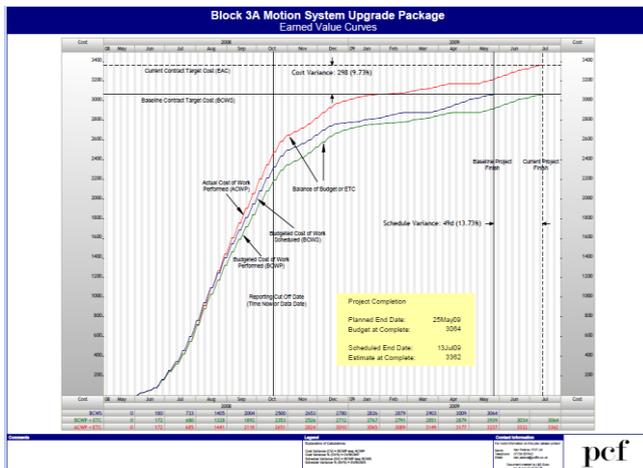
'S' CURVES

QEI Management Reporting's 'S' curves for resource or cost

- Can show them for both early and late scenarios comparing a baseline and the current project schedule.
- This combined with annotating on the month end with various symbols provides organisations with the ability to see where they are deviating from their original plans.

EARNED VALUE REPORT

QEI Management Reporting's Earned Value Contract Status Report - much more than just a few curves!

- Budget Cost of Work Scheduled (BCWS)
- Budget Cost of Work performed (BCWP)
- Actual Cost of Work Performed (ACWP)
- Estimate to Complete (ETC)
- Budgeted Cost at Completion (BAC)
- Estimated Cost at Completion (EAC)

In addition there are also the comparisons between baseline total cost and current total cost, as well as original planned finish date and current forecast finish date.

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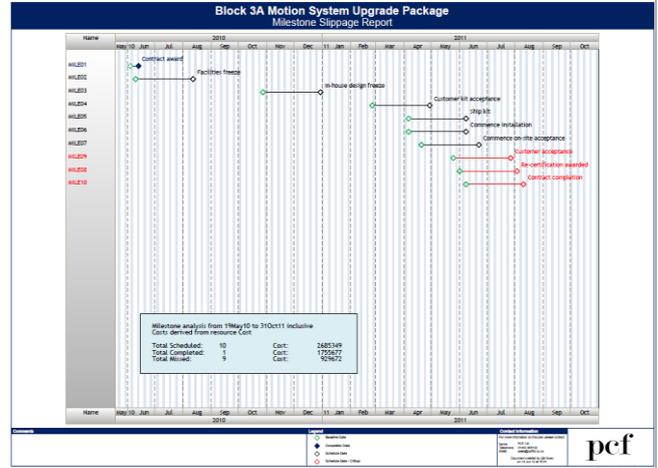Project Portfolio Management
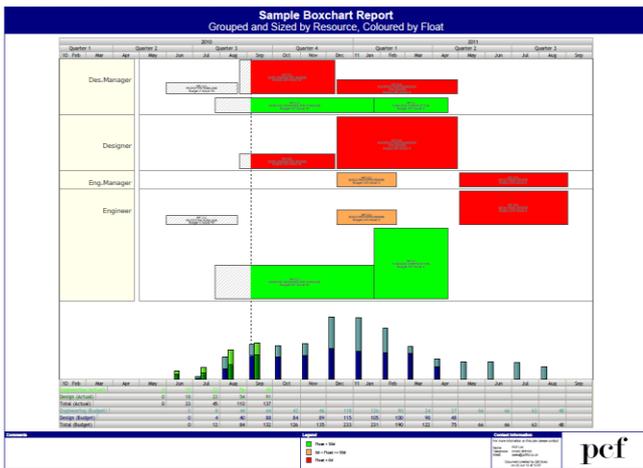
MILESTONE SLIPPAGE REPORT

QEI Management Reporting's Milestone Slippage report shows the Milestone's identified by the user and whether they are achieving the original dates.

In addition QEI Management Reporting can also show

- The numbers of Milestones missed,
- Together with their costs (providing that the user has used costs to produce a budget).
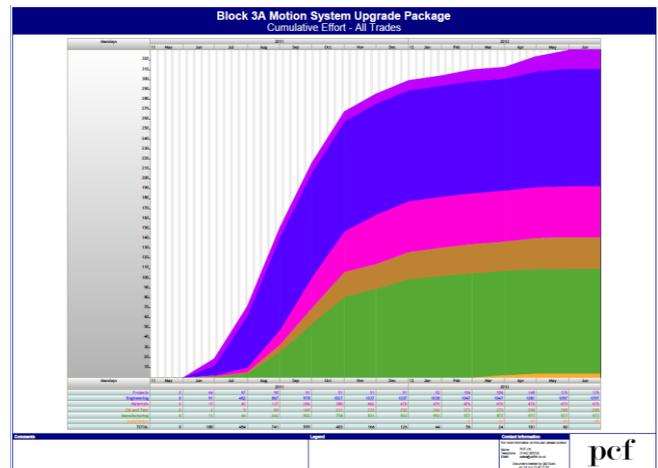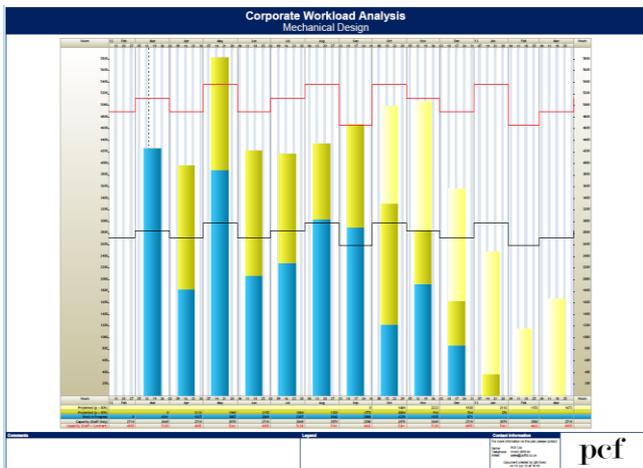

AGGREGATED RESOURCE REPORT

QEI Management Reporting's Aggregated Resource Reports provide users with the ability to show:

- Resource usage for the activities that they are assigned to on one line for a given timescale.
- Box sizes that can be colour coded for criticality and the size of the box can represent the amount of resource assigned to a particular activity.
- This allows organisations to see a Resource Centric view of the projects(s).

ADDITIONAL REPORTS

Many other variations on Stacked Histograms or Area Charts are possible, as shown above:

- A Stacked Histogram with both Staff and Contractor Availability Lines
- An Area Chart showing Resource Usage over time

QEI Management Reporting™

SUMMARY OF INFORMATION

QEI Management Reporting Summary

QEI imports data from Primavera P6 or Microsoft Project through standard wizard interfaces.

- Other systems such as ERP or Excel Spreadsheets can have the data mapped to allow easy import of all key information including baseline, schedule, resource and progress.
- Roles in Primavera are treated as resource groups, and users can create alternate resource groups to provide additional sort and selecting capabilities.
- Hard copy of reports can be produced on any windows compatible printer, or even roll feed plotters. Output can be scaled to fit one or multiple pages.
- Users can combine multiple reports on to one sheet and thereby produce quartile reporting that is required by some organisations.
- Users can publish reports to the Intranet by converting the reports to either JPEG or SVG formats.
- Users can import graphic symbols and store them in symbol libraries in order to annotate reports.

Our clients are involved at all stages of the project lifecycle, from the initial planning or design stage, through manufacturing and construction, and on to operation and maintenance. Within the UK, our customers include Lockheed Martin INSYS, Network Rail, Galliford Try, Agusta Westland, NIS Ltd.

Summary of technical information:

System requirements:
- 32/64 bit Windows (Windows XP, Vista, Windows 7, Server 2003/2008)
- At least 256Mb of RAM
- 30Mb of free disk space

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