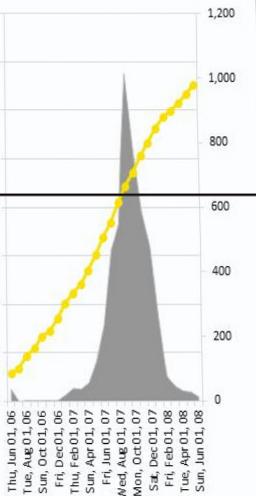


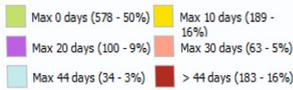
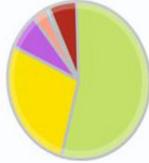
tal cost



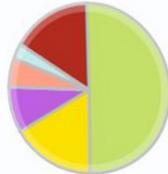
cost

Tasks finishing

Actual duration density



Remaining duration density



# XER Schedule Toolkit Features

## Introduction

This project planning and project controls solution has been developed and is supported by experts in this sector; for experts in this sector. As such we believe that this solution will afford your business with a level of integration and control that will align the full range of project stake-holders with the project schedule in a simple and cost effective manner.

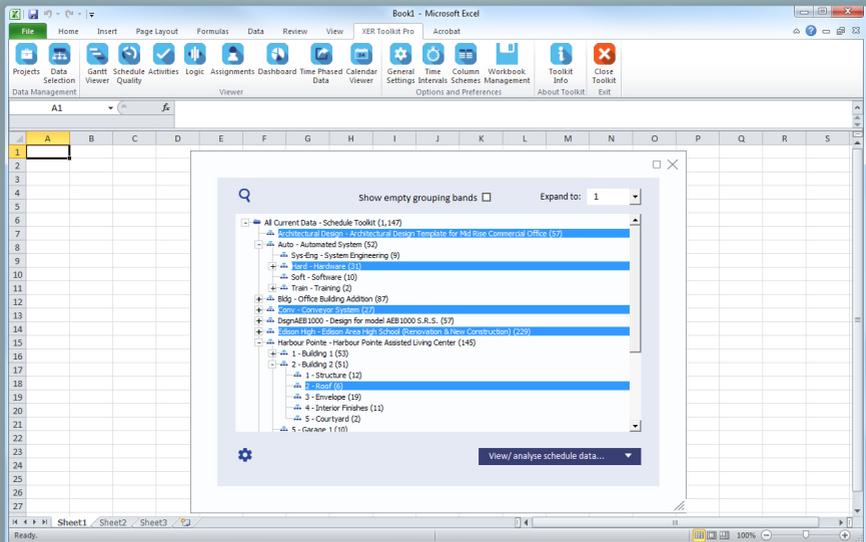
Quite simply the XER Schedule Toolkit is a software solution that converts Oracle Primavera and Microsoft Project data into a format such that the schedule may be viewed, configured and communicated in Microsoft Excel and therefore accessible to a far wider range of project team members. The Primavera data may also be analysed against a range of parameters relative to schedule integrity through use of the analytic tools available in the XER Schedule Toolkit.

## Contents

'Any-level' data selection	4
Versatile Gantt viewer	5
Schedule quality checker	6
Calendar viewer	7
Schedule forensics report	8
Flexible dashboard generator	9
Resource and cost analysis tools	10
All outputs export to standard Excel worksheets	11
Inputs and Outputs	12
Part of Spencer Group of companies	13

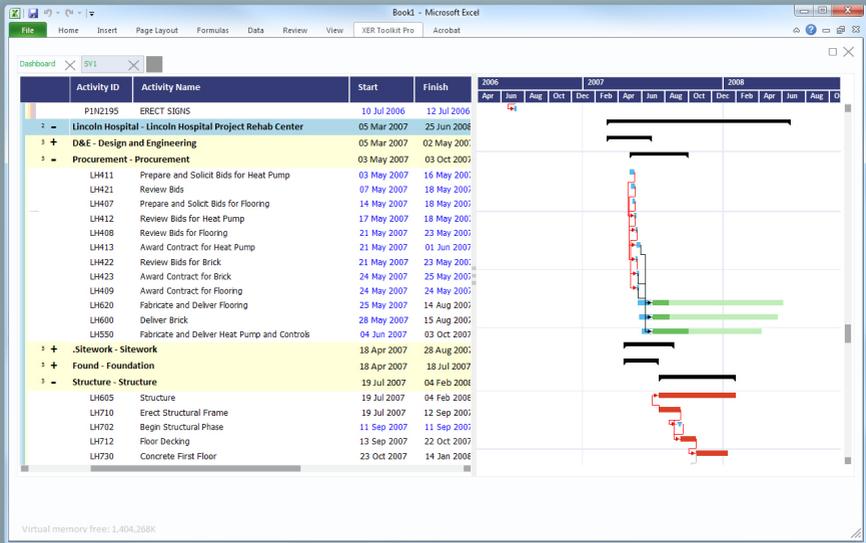
## 'Any Level' Data Selection

- The XER Toolkit Pro is designed in a way that allows users to select and analyse specific elements of a project or portfolio of projects.
- Using the data selection tree, users can slice and dice data as required based on WBS or their own hierarchy structure using activity codes and UDF's.
- Advanced database filters can be generated and applied to select tasks based on a vast range of criteria along with resource filters that can select tasks based on their resource requirements.
- Select any single element or combination of elements within the data selection tree to enable schedule viewing and analysis of the underlying data, from portfolio to individual WBS element.



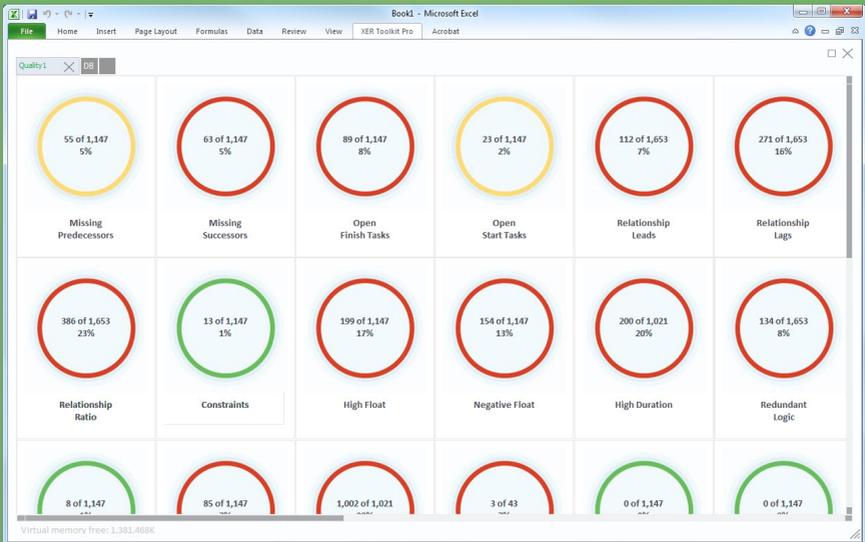
# Versatile Gantt Viewer

- Grouping by WBS structure or user defined hierarchy
- Customisable database filtering capability
- Logic visibility
- Self-adjusting timescale with advanced customisation
- Access to all Primavera activity columns as well as bespoke XER Toolkit columns
- Export to standard Excel worksheet capability for onward distribution
- Driving logic trace function
- Much, Much More!



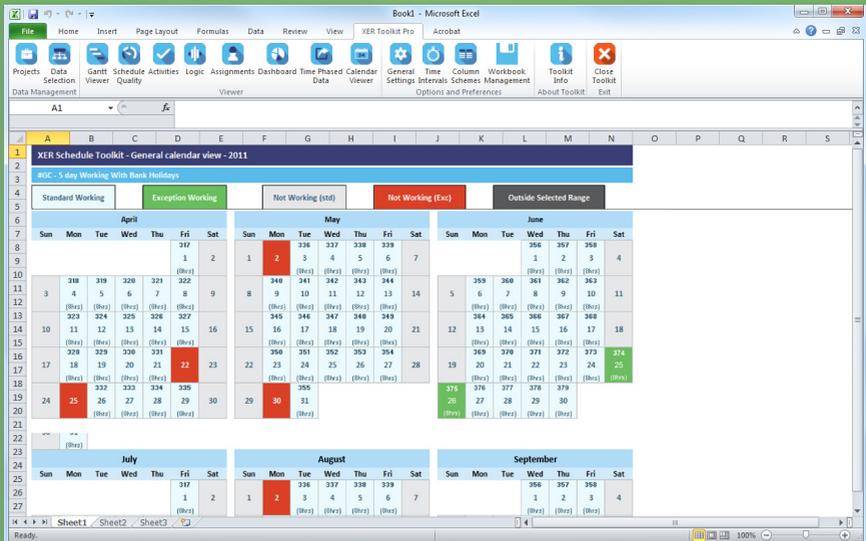
# Schedule Quality Checker

- Measure industry standard schedule quality metrics at the click of a button
- Fully customisable check criteria
- Change Red/ Amber/ Green limits to suit your project's requirements or use the Toolkits built in defaults
- Drill down into deficient areas of the schedule to identify and enable rectification
- Produce high level dashboard reports
- Produce very detailed activity reports for deficient activities



# Calendar Viewer and Comparison Report

- View calendars and shift pattern details – Print off wall-charts
- Compare different calendars and working patterns using the calendar comparison report
- View all calendar exceptions
- Produce working pattern calendar wall-chart
- Display working hours per day
- Display working day counter



# Schedule Forensics Report

- Analyse differences between unlimited versions of the same schedule(s)
- Track changes throughout the development and update lifecycle of project schedules
- Compare schedules across different platforms (e.g. MS Project export Vs Primavera Import)
- Over 80 different schedule elements compared and reported
- Outputs are produced within interactive Excel workbooks that are easy to use
- Includes comparison reports for each calendar, detailing all exceptions and changes

**XER Toolkit - Project trends and changes report - 24 Jun 2015 - 12:48**

Summary of snapshots compared within report.

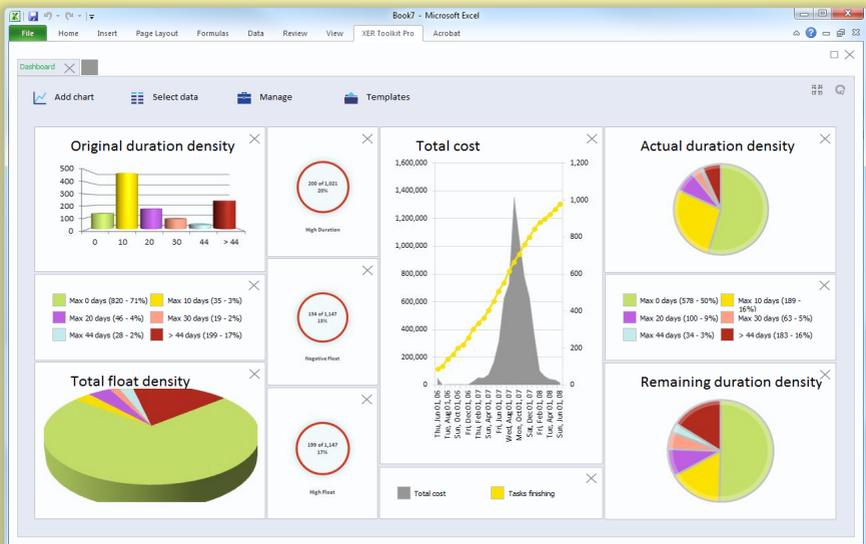
Snapshot	Description	Ref date
1	Snapshot taken @ 24 Jun 2015 12:47	05 Dec 2014 - 00:00
2	Snapshot taken @ 24 Jun 2015 12:47	30 May 2015 - 00:00

Comparison reports carried out.

Check ID	Description	Type	Data	Total Records	Records Changed
1	WBS exists	WBS	Boolean	322	319
2	WBS actual start	WBS	Date	322	239
3	WBS actual finish	WBS	Date	322	228
4	WBS early start	WBS	Date	322	265
5	WBS early finish	WBS	Date	322	265
6	WBS late start	WBS	Date	322	270
7	WBS late finish	WBS	Date	322	270
8	WBS start	WBS	Date	322	270
9	WBS finish	WBS	Date	322	270
10	WBS description	WBS	Text	322	322
11	WBS total activities	WBS	Units	322	270
12	Relationship exists	Loic	Boolean	1,695	781
13	Relationship lag	Loic	Durations	1,695	40
14	Relationship Critical	Loic	Boolean	1,695	511
15	Relationship Driving	Loic	Boolean	1,695	504
16	Calendar exists	Calendars	Boolean	15	3
17	CSL_5 day week, 8 hrs per day, Holidays	Calendars	Calendar	1	0
18	CSL_5 day week, 8 hrs per day, No Holidays	Calendars	Calendar	1	0
19	B CSL_5 day week, 8 hrs per day, Holidays	Calendars	Calendar	1	0

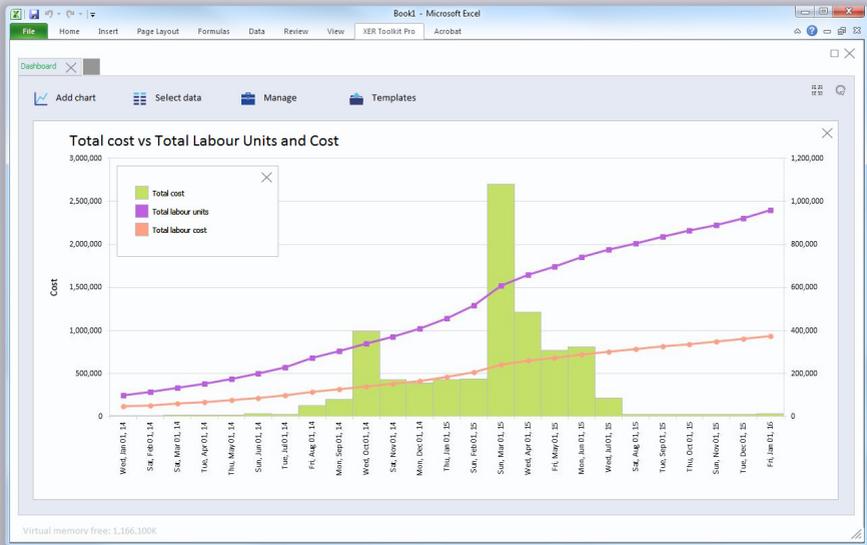
# Flexible Dashboard Generator

- Various built in dashboard templates provided for out-of-the-box use
- Fully customisable charting capability with virtually infinite possibilities
- All charts, tables and dashboards can be exported to standard MS Excel worksheets for onward distribution
- Variety of Earned Value Analysis charts and tables based on resource, cost and other metrics



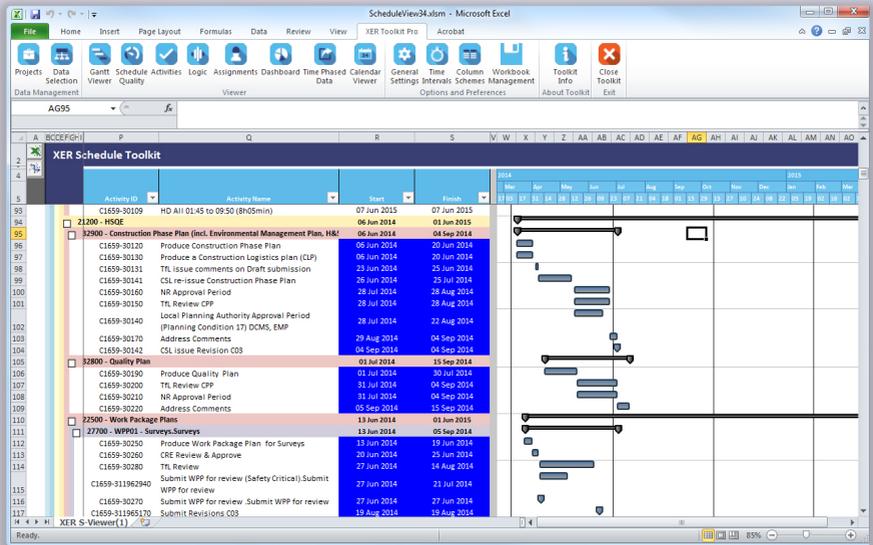
# Resource and Cost Analysis Tools

- Generate time-distributed charts and tables
- Provides cost and resource information using identical algorithms to Primavera P6
- Generate resource histograms for individual resources or groups of related resources



# All Outputs Export to Standard MS Excel Worksheets

- The XER Schedule Toolkit is developed with Microsoft Excel at its heart
- All outputs can be exported to standard Excel worksheets, that can be filtered, formatted, analysed, saved and shared exactly the same as any other MS Excel workbook



## Inputs and Outputs

The XER Schedule Toolkit's input sources are:



Primavera XER Files



Primavera Database  
(Oracle & SQL Servers)



MS Project  
(MPP) Files



Primavera XML Files

The Toolkit's compatibility is:

- Microsoft Excel 2007 / 2010 / 2013 (32 and 64 bit)
- All versions of Windows XP - Windows 8
- Primavera database direct connection - Oracle and SQL
- All versions of Primavera P4e / P6 to current 8.3

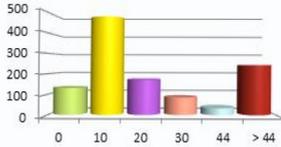
## Part of Spencer Group

Spencer Group is one of the UK's largest, privately owned multidisciplinary engineering businesses.

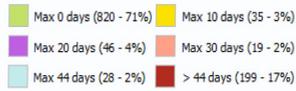
For the past 26 years, Spencer has been providing pioneering engineering solutions across the Transport & Infrastructure and Energy & Industrial sectors. With Spencer's 15+ strong, in-house design team, they can undertake work at all stages of the project life cycle.

Recognising the importance of schedule visibility and leading the industry forward in collaboration, Spencer invested in the XER Schedule Toolkit with the aim to create more robust project schedules that can be shared and easily viewed amongst the whole project team.

### Original duration density



High Duration



Negative Float

### Total float density



High Float