Strategic Planning using Scenario Modelling

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Agenda



| ٠ | Leighton Contractors | 5 min |
|---|--|--------|
| • | An Integrated Performance Management Solution | 5 min |
| • | Strategic Business Planning Context | 5 min |
| ٠ | Demonstration – Work Volume Planning (P&L) | 15 min |
| • | Demonstration – Funds Employed Planning (B/S) | 5 min |
| • | Demonstration – Reporting, Charting & Analysis | 5 min |
| - | What's next ? | 5 min |
| | Questions & Answer | 5 min |

Leighton Contractors



Who are we?

Established – 1949

Head Office – Sydney

Revenue – \$4.6 billion (FY07-08)

Work in Hand – \$9.4 billion (Jun 08)

No. of Employees – 8,294 (Jun 08)

Operates in Australia, New Zealand

What do we do?

Civil engineering

Major infrastructure development

Building

Contract mining

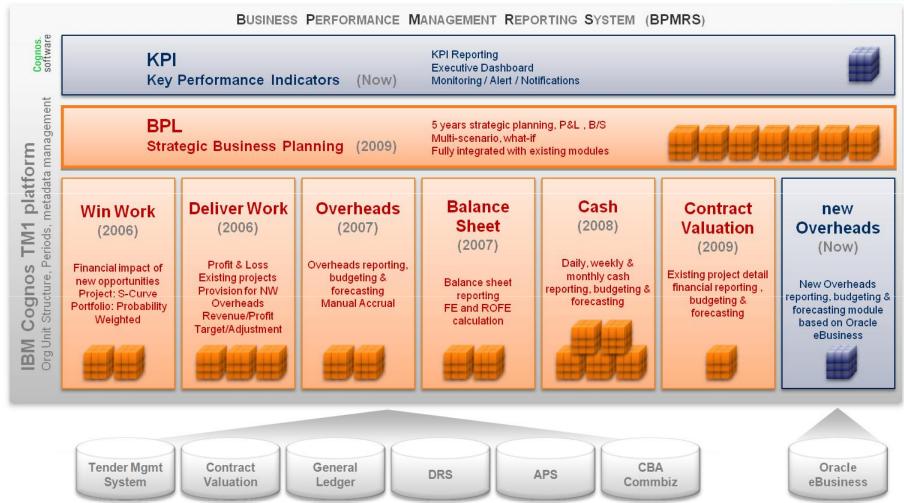
Process engineering

Telecommunications services

Facilities management

Our TM1 Implementation Journey





A integrated Business Performance Management Solution (BPMRS) 150+ users, 2 PROD servers (64bit), 26 cubes Still growing

The Context of Strategic Business Planning



PREVIOUS PRACTICE

Excel & Word Templates

Disparate Excel and Word documents consolidated by Group Planning Manager

Manual

Extensive manual input to produce financial forecasts

Version control

To ensuring numbers are the latest version

Short-termvs. Longterm

Does not interact with other BPMRS/TM1 modules (the linkage to short-term planning)

REQUIREMENTS

Multi-scenario

Multiple scenarios with comparisons & Sensitivity analysis

Driver-based & "what-if"

e.g. S-curve, probability %, calculate WIP/debtors from debtor days

Integration

Integration with other BPMRS modules (e.g. use short-term planning as starting point)

SOLUTION / DESIGN

- Introducing Scenario & version control
- Redesigned optimising calculation performance
- Real-time results
- Automation

Providing facilities to easily populate/copy different scenarios

Fully Integrated

- Org Unit structure (BPMRS)
- Opportunities
- Existing Projects
- Overheads
- Trial/B (GL)
- Security

EXECUTION

Workshops / Prototype

Clear Business Focuses

Emphasize business rules, modelling and usability <u>rather than</u> tech functions / coding

Fast Implementation

Designed, developed, tested and deployed within 4 month (Oct 08~Jan 09)

Usage

The 1st draft was first time populated, consolidated and reviewed by February. The 2nd draft is finished by May

Positive feedback

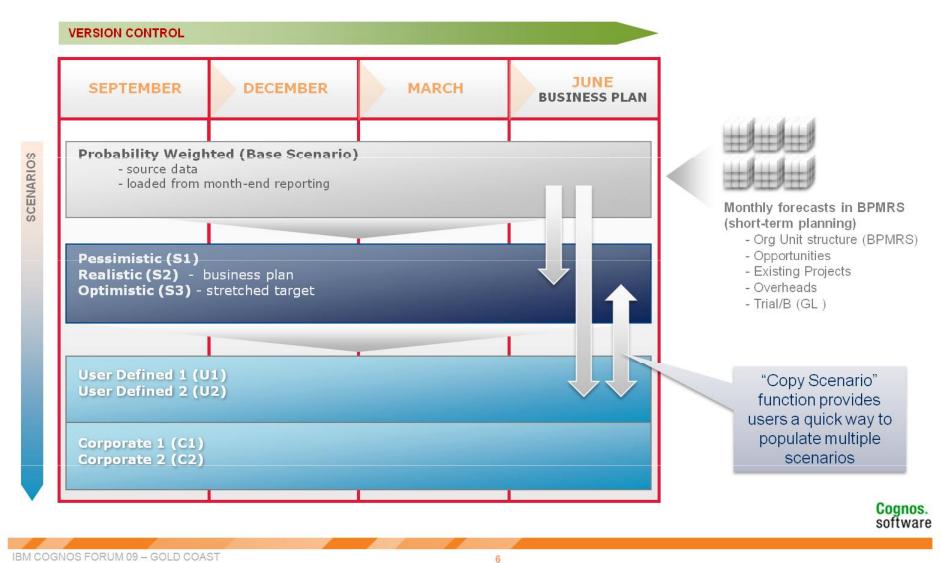
Overall very positive comments on the functionality, performance and reports.

Simple Design - Powerful Capabilities

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DEMO – Version & Scenario





DEMO – Work Volume Planning (P&L)



- Win Work Project Portfolio
 - Starting point monthly forecasting (short-term planning)
 - Building scenarios (drivers: probability %, start / award period)
 - What-if analysis on portfolio
- 2. Win Work Single Project
 - S-Curve, Revenue / Profit phasing
 - Detail drivers for a project (value, duration, phasing method)
 - Project is part of the portfolio
- 3. Deliver Work Existing Project
- 4. Overheads
- 5. P&L Target and Results



DEMO – Funds Employed Planning (B/S)



- Balance Sheets Overview
- 2. Working Capital
 - Debtors balance is driven by Debtors' days
 - Creditors balance is driven by Creditor's days
- 3. CAPEX
- Cash to Profit reconciliation



DEMO – Reporting, Charting & Analysis



1. Standard Reports

- BPL-R-09-Business Plan by project
- BPL-R-11-Business Plan by business unit
- BPL-R-31-Balance Sheet Business Plan
- BPL-R-32-Cash Flow Business Plan

2. Analysis Templates

- Revenue, Profit & Work in hand trends
- Financial Summary
- Revenue & Profit Margin
- Revenue & Profit by Business Unit
- New Work Dependency
- Revenue Sector Analysis



What have we learnt? What's next?



POST IMPLEMENTATION ISSUE / FEEDBACK

Training

The system was not fully utilised as expected

- Introduction of Scenario
- Balance Sheet modelling
- Comprehensive functionality
- Flexibility of the system

Business Unit Level Planning

Many business units seem to realise they need similar tool for their own Business Planning

· Want More.....

Analysis by sectors, category, delivery method, client type, location, etc.

SOLUTION/IMPROVEMENT

Additional Training

- One-to-one tutorial
- Guide of how to use Scenario e.g. In / out scenarios
- TM1 tech training

BU Level P&L Planning

- BU's tool
- Consistent method across group
- A quick win, just the dropdown list
- Analysis Pack

PHASE II

- Risk & Opportunities of Existing Projects (Scenario analysis)
- Executive Dashboard Interactive with "what-if"
- Workflow Management
- Integration of External Data
- Message, Alert & Notification

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Questions?



THANK YOU!!!

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