



PROCON8
MANAGEMENT LIMITED



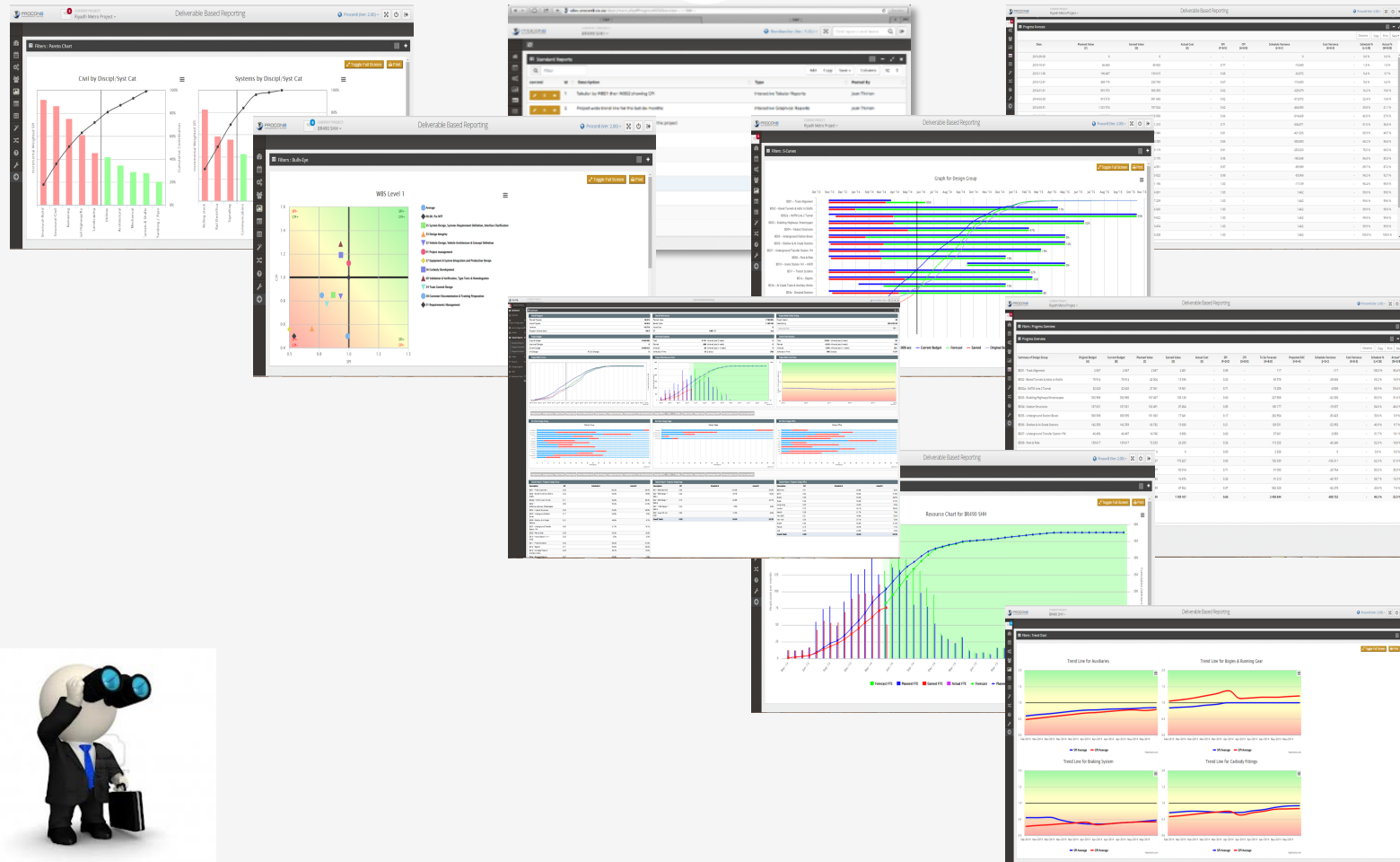
Introduction to PROCON8's Deliverable Based Reporting (DBR)

Alastair Davidson
Geoff Fitzhenry

17th Feb 2015

www.procon8.com

Project Management with the Lights On



Deliverable Based Approach




- There are usually significant deliverables that need to be produced
- Deliverables may be contractual (customer) or internal requirements
- These may consist of purchase orders, sub contract formation logs, drawings, specifications, reports, procedures, test results etc.
- Volume and complexity make it difficult to determine meaningful interdependencies
- CPM is not the most effective methodology for managing the progress and performance of these deliverables
- Deliverables are tracked at a lower level than the CPM schedules in numerous spreadsheets

- Spreadsheets tend to:
 - have limited version control
 - are susceptible to constant change
 - do not promote a disciplined approach to progress and performance monitoring





| | A | | B | | C | | D | | E | | F | | G | | H | | I | | J | | K | | L | |
|----|---------------------|--------------|---------------------|---------------------|-----------|--------------|--------|------------|--------|---------------|---|--------------|---|----------|------------|-------------|---|-------------|------------|-----------|---|----------|------------|--|
| 1 | Path | Drawing Name | | Path for the type D | | Type Drawing | | Block name | | TitleBlock | | EPIC2010 | | EPICP220 | | EPIC801 | | EPICP201 | | EPICP201 | | EPICP201 | | |
| 2 | | | | | | | | | | | | SheetNo | | BET2 | | BET2 | | XVAB3 | | BET1 | | BET1 | | |
| 3 | Export | | | | | | | | | Attribute Tag | | HSP | | HSP | | HSP | | | | | | 234 | | |
| 4 | | | | | | | | | | Description | | Sheet Number | | Function | | Subfunction | | Plant level | | | | | | |
| 5 | [/outpost/lastview] | 6-5-11-01 | [/outpost/lastview] | X1 | 6-5-11-01 | | 30109 | | 30110 | DISPLAY 1 | | 6-5-11-13 | | 30110 | DISPLAY 1 | 6-5-11-13 | | 30110 | DISPLAY 1 | 6-5-11-13 | | 30110 | DISPLAY 1 | |
| 6 | [/outpost/lastview] | 6-5-11-02 | [/outpost/lastview] | X1 | 6-5-11-02 | | 30110 | | 30110 | DISPLAY 1 | | 6-5-11-13 | | 30110 | DISPLAY 1 | 6-5-11-13 | | 30110 | DISPLAY 1 | 6-5-11-13 | | 30110 | DISPLAY 1 | |
| 7 | [/outpost/lastview] | 6-5-11-03 | [/outpost/lastview] | X2 | 6-5-11-03 | | 30109 | | 30110 | DISPLAY 3 | | 6-5-11-15 | | 30109 | DISPLAY 3 | 6-5-11-15 | | 30110 | DISPLAY 3 | 6-5-11-15 | | 30110 | DISPLAY 3 | |
| 8 | [/outpost/lastview] | 6-5-11-04 | [/outpost/lastview] | X4 | 6-5-11-04 | | 30110 | | 30110 | DISPLAY 5 | | 6-5-11-16 | | 30110 | DISPLAY 5 | 6-5-11-16 | | 30110 | DISPLAY 5 | 6-5-11-16 | | 30110 | DISPLAY 5 | |
| 9 | [/outpost/lastview] | 6-5-11-05 | [/outpost/lastview] | X1 | 6-5-11-05 | | 30110 | | 30110 | DISPLAY 5 | | 6-5-11-16 | | 30110 | DISPLAY 5 | 6-5-11-16 | | 30110 | DISPLAY 5 | 6-5-11-16 | | 30110 | DISPLAY 5 | |
| 10 | [/outpost/lastview] | 6-5-11-06 | [/outpost/lastview] | X4 | 6-5-11-06 | | 30109 | | 30110 | DISPLAY 6 | | 6-5-11-18 | | 30109 | DISPLAY 6 | 6-5-11-18 | | 30110 | DISPLAY 6 | 6-5-11-18 | | 30110 | DISPLAY 6 | |
| 11 | [/outpost/lastview] | 6-5-11-07 | [/outpost/lastview] | X5 | 6-5-11-07 | | 30110 | | 30110 | DISPLAY 7 | | 6-5-11-19 | | 30110 | DISPLAY 7 | 6-5-11-19 | | 30110 | DISPLAY 7 | 6-5-11-19 | | 30110 | DISPLAY 7 | |
| 12 | [/outpost/lastview] | 6-5-11-08 | [/outpost/lastview] | X1 | 6-5-11-08 | | 30110 | | 30110 | DISPLAY 8 | | 6-5-11-20 | | 30110 | DISPLAY 8 | 6-5-11-20 | | 30110 | DISPLAY 8 | 6-5-11-20 | | 30110 | DISPLAY 8 | |
| 13 | [/outpost/lastview] | 6-5-11-09 | [/outpost/lastview] | X1 | 6-5-11-09 | | 110109 | | 110110 | DISPLAY 9 | | 6-5-11-21 | | 110109 | DISPLAY 9 | 6-5-11-21 | | 110110 | DISPLAY 9 | 6-5-11-21 | | 110110 | DISPLAY 9 | |
| 14 | [/outpost/lastview] | 6-5-11-10 | [/outpost/lastview] | X2 | 6-5-11-10 | | 110109 | | 110110 | DISPLAY 10 | | 6-5-11-22 | | 110109 | DISPLAY 10 | 6-5-11-22 | | 110110 | DISPLAY 10 | 6-5-11-22 | | 110110 | DISPLAY 10 | |
| 15 | [/outpost/lastview] | 6-5-11-11 | [/outpost/lastview] | X2 | 6-5-11-11 | | 30110 | | 30110 | DISPLAY 11 | | 6-5-11-23 | | 30110 | DISPLAY 11 | 6-5-11-23 | | 30110 | DISPLAY 11 | 6-5-11-23 | | 30110 | DISPLAY 11 | |
| 16 | [/outpost/lastview] | 6-5-11-12 | [/outpost/lastview] | X3 | 6-5-11-12 | | 40109 | | 40110 | DISPLAY 12 | | 6-5-11-24 | | 40109 | DISPLAY 12 | 6-5-11-24 | | 40110 | DISPLAY 12 | 6-5-11-24 | | 40110 | DISPLAY 12 | |
| 17 | [/outpost/lastview] | 6-5-11-13 | [/outpost/lastview] | X3 | 6-5-11-13 | | 40109 | | 40110 | DISPLAY 13 | | 6-5-11-25 | | 40109 | DISPLAY 13 | 6-5-11-25 | | 40110 | DISPLAY 13 | 6-5-11-25 | | 40110 | DISPLAY 13 | |
| 18 | [/outpost/lastview] | 6-5-11-14 | [/outpost/lastview] | X5 | 6-5-11-14 | | 40109 | | 40110 | DISPLAY 14 | | 6-5-11-26 | | 40109 | DISPLAY 14 | 6-5-11-26 | | 40110 | DISPLAY 14 | 6-5-11-26 | | 40110 | DISPLAY 14 | |
| 19 | [/outpost/lastview] | 6-5-11-15 | [/outpost/lastview] | X1 | 6-5-11-15 | | 170109 | | 170110 | DISPLAY 15 | | 6-5-11-27 | | 170109 | DISPLAY 15 | 6-5-11-27 | | 170110 | DISPLAY 15 | 6-5-11-27 | | 170110 | DISPLAY 15 | |
| 20 | [/outpost/lastview] | 6-5-11-16 | [/outpost/lastview] | X2 | 6-5-11-16 | | 20109 | | 20110 | DISPLAY 16 | | 6-5-11-28 | | 20109 | DISPLAY 16 | 6-5-11-28 | | 20110 | DISPLAY 16 | 6-5-11-28 | | 20110 | DISPLAY 16 | |
| 21 | [/outpost/lastview] | 6-5-11-17 | [/outpost/lastview] | X2 | 6-5-11-17 | | 30110 | | 30110 | DISPLAY 17 | | 6-5-11-29 | | 30110 | DISPLAY 17 | 6-5-11-29 | | 30110 | DISPLAY 17 | 6-5-11-29 | | 30110 | DISPLAY 17 | |
| 22 | [/outpost/lastview] | 6-5-11-18 | [/outpost/lastview] | X2 | 6-5-11-18 | | 20109 | | 20110 | DISPLAY 18 | | 6-5-11-30 | | 20109 | DISPLAY 18 | 6-5-11-30 | | 20110 | DISPLAY 18 | 6-5-11-30 | | 20110 | DISPLAY 18 | |
| 23 | [/outpost/lastview] | 6-5-11-19 | [/outpost/lastview] | X2 | 6-5-11-19 | | 20109 | | 20110 | DISPLAY 19 | | 6-5-11-31 | | 20109 | DISPLAY 19 | 6-5-11-31 | | 20110 | DISPLAY 19 | 6-5-11-31 | | 20110 | DISPLAY 19 | |
| 24 | [/outpost/lastview] | 6-5-11-20 | [/outpost/lastview] | X4 | 6-5-11-20 | | 220109 | | 220110 | DISPLAY 20 | | 6-5-11-32 | | 220109 | DISPLAY 20 | 6-5-11-32 | | 220110 | DISPLAY 20 | 6-5-11-32 | | 220110 | DISPLAY 20 | |
| 25 | [/outpost/lastview] | 6-5-11-21 | [/outpost/lastview] | X5 | 6-5-11-21 | | 30110 | | 30110 | DISPLAY 21 | | 6-5-11-33 | | 30110 | DISPLAY 21 | 6-5-11-33 | | 30110 | DISPLAY 21 | 6-5-11-33 | | 30110 | DISPLAY 21 | |
| 26 | [/outpost/lastview] | 6-5-11-22 | [/outpost/lastview] | X4 | 6-5-11-22 | | 30110 | | 30110 | DISPLAY 22 | | 6-5-11-34 | | 30110 | DISPLAY 22 | 6-5-11-34 | | 30110 | DISPLAY 22 | 6-5-11-34 | | 30110 | DISPLAY 22 | |
| 27 | [/outpost/lastview] | 6-5-11-23 | [/outpost/lastview] | X1 | 6-5-11-23 | | 250109 | | 250110 | DISPLAY 23 | | 6-5-11-35 | | 250109 | DISPLAY 23 | 6-5-11-35 | | 250110 | DISPLAY 23 | 6-5-11-35 | | 250110 | DISPLAY 23 | |
| 28 | [/outpost/lastview] | 6-5-11-24 | [/outpost/lastview] | X2 | 6-5-11-24 | | 260109 | | 260110 | DISPLAY 24 | | 6-5-11-36 | | 260109 | DISPLAY 24 | 6-5-11-36 | | 260110 | DISPLAY 24 | 6-5-11-36 | | 260110 | DISPLAY 24 | |
| 29 | [/outpost/lastview] | 6-5-11-25 | [/outpost/lastview] | X2 | 6-5-11-25 | | 280109 | | 280110 | DISPLAY 25 | | 6-5-11-37 | | 280109 | DISPLAY 25 | 6-5-11-37 | | 280110 | DISPLAY 25 | 6-5-11-37 | | 280110 | DISPLAY 25 | |
| 30 | [/outpost/lastview] | 6-5-11-26 | [/outpost/lastview] | X3 | 6-5-11-26 | | 280109 | | 280110 | DISPLAY 26 | | 6-5-11-38 | | 280109 | DISPLAY 26 | 6-5-11-38 | | 280110 | DISPLAY 26 | 6-5-11-38 | | 280110 | DISPLAY 26 | |
| 31 | [/outpost/lastview] | 6-5-11-27 | [/outpost/lastview] | X4 | 6-5-11-27 | | 280109 | | 280110 | DISPLAY 27 | | 6-5-11-39 | | 280109 | DISPLAY 27 | 6-5-11-39 | | 280110 | DISPLAY 27 | 6-5-11-39 | | 280110 | DISPLAY 27 | |
| 32 | [/outpost/lastview] | 6-5-11-28 | [/outpost/lastview] | X2 | 6-5-11-28 | | 310109 | | 310110 | DISPLAY 28 | | 6-5-11-40 | | 310109 | DISPLAY 28 | 6-5-11-40 | | 310110 | DISPLAY 28 | 6-5-11-40 | | 310110 | DISPLAY 28 | |
| 33 | [/outpost/lastview] | 6-5-11-29 | [/outpost/lastview] | X1 | 6-5-11-29 | | 310109 | | 310110 | DISPLAY 29 | | 6-5-11-41 | | 310109 | DISPLAY 29 | 6-5-11-41 | | 310110 | DISPLAY 29 | 6-5-11-41 | | 310110 | DISPLAY 29 | |
| 34 | [/outpost/lastview] | 6-5-11-30 | [/outpost/lastview] | X1 | 6-5-11-30 | | 320109 | | 320110 | DISPLAY 30 | | 6-5-11-42 | | 320109 | DISPLAY 30 | 6-5-11-42 | | 320110 | DISPLAY 30 | 6-5-11-42 | | 320110 | DISPLAY 30 | |
| 35 | [/outpost/lastview] | 6-5-11-31 | [/outpost/lastview] | X1 | 6-5-11-31 | | 330109 | | 330110 | DISPLAY 31 | | 6-5-11-43 | | 330109 | DISPLAY 31 | 6-5-11-43 | | 330110 | DISPLAY 31 | 6-5-11-43 | | 330110 | DISPLAY 31 | |
| 36 | [/outpost/lastview] | 6-5-11-32 | [/outpost/lastview] | X2 | 6-5-11-32 | | 340109 | | 340110 | DISPLAY 32 | | 6-5-11-44 | | 340109 | DISPLAY 32 | 6-5-11-44 | | 340110 | DISPLAY 32 | 6-5-11-44 | | 340110 | DISPLAY 32 | |
| 37 | [/outpost/lastview] | 6-5-11-33 | [/outpost/lastview] | X3 | 6-5-11-33 | | 350109 | | 350110 | DISPLAY 33 | | 6-5-11-45 | | 350109 | DISPLAY 33 | 6-5-11-45 | | 350110 | DISPLAY 33 | 6-5-11-45 | | 350110 | DISPLAY 33 | |
| 38 | [/outpost/lastview] | 6-5-11-34 | [/outpost/lastview] | X2 | 6-5-11-34 | | 360109 | | 360110 | DISPLAY 34 | | 6-5-11-46 | | 360109 | DISPLAY 34 | 6-5-11-46 | | 360110 | DISPLAY 34 | 6-5-11-46 | | 360110 | DISPLAY 34 | |


DBR Methodology






 CURRENT PROJECT:
Riyadh Metro Project ▾



Deliverable Based Reporting



BACS (Ver: 2.00) ▾    



 Dashboard



 Calendar



 Project Configuration 


 User Configuration 


 Graphs 



 Tabular Reports 


 Tables 


 Wizards 

 Change Register

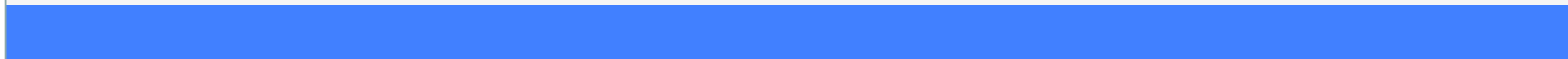
 Help

 Advanced Tools 





- Based on the principles of Earned Value Methodology (EVM)
- Progress/performance of deliverables in all project phases
- Schedule Progress Index (SPI) and Cost Performance Index (CPI)
- Structured database that promotes discipline, structure and rigor
- Effective performance measurement and feedback tools for projects
- Clear and objective
- Patterns/trends in the past are accepted as good indicators of the future
- Enables projects to integrate the management of scope, time and cost



The Software Answers the Following Questions:



- Is the project ahead or behind schedule?
- How efficiently is the project using time?
- When is the project likely to be completed?
- Is the project currently over or under budget?
- How efficiently are resources being used?
- What is the likely cost of the remaining work?
- By how much will the project be over or under budget at the end?
- Where are problems occurring (pinpointing)?



DBR Benefits



- Applicable across all industries, sectors and projects
- Significantly reduces the amount of subjectivity
- Promotes structure and discipline
- Information is web based (allows users to log in remotely)
- Easy to read reports (standardised formats - universal indicators)
- Administration requires a lower skill level compared to a Project Planner
- Facilitates effective resource planning
- Trends are visible within a couple of reporting periods
- Allows project managers to “target” specific problem areas
- Easy to install, configure and customize



DBR Features.



- “Interactive” Dashboard
- Calendar (Meetings, Events, Risks, Actions)
- User access restrictions
- Comprehensive and “Intelligent” Help Menu
- Change Control functionality
- Integrated Actions and Risk Register
- Theme Selection (client customization)
- Budget Reconciliation
- Bug logging / feature requests
- Powerful tabular and graphic reporting (pivot effect)
- Data integrity checking through Tables
- Wizards for up/downloading unlimited records
- Status is based on forecasting dates NOT guessing percent complete

