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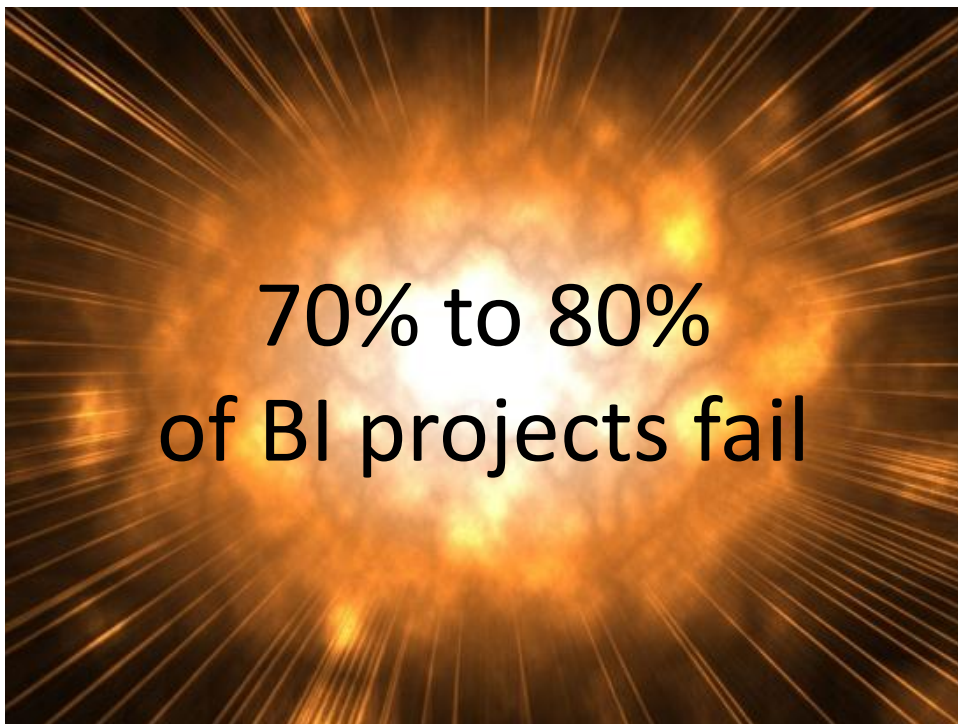
Business Analysis for Business Intelligence



BUSINESS ANALYST  **WORLD™**

An oil & gas industry case study

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**70% to 80%
of BI projects fail**


Objectives




- ❑ Illustrate business analysis techniques
- ❑ Enhance facilitation techniques
- ❑ Describe benefits that resonate with stakeholders

Strengthen
business analysis skills

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Yogi Schulz

- ❑ Partner of Corvelle Consulting
- ❑ Management consulting in information technology
- ❑ Microsoft Canada columnist & CBC Radio host
- ❑ PPDM Association board member
- ❑ Industry presenter:
 - Project World - 4 years
 - CIPS Informatics - 7 years
 - PMI - Information Systems SIG - 2 years
 - Convergence - 4 years
 - PPDM Association - several years

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Outline

- Business Context
- Compliance Assessment System
- Development description
- Benefits
- Conclusions
- Recommendations
- Discussion



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Business Context






Measurement



The Petroleum Registry of Alberta
Energizing the flow of information
Reporting


Business Problem

- ❑ Challenge maintaining compliance audit coverage
- ❑ Suspicion of poor compliance
- ❑ Suspicion of insufficient attention to risks of noncompliance




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Business Goals

- ❑ Raise level of assurance
- ❑ Raise level of compliance
- ❑ Minimize the cost



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Business Solution

- Apply SOX audit concepts
- Improve data monitoring



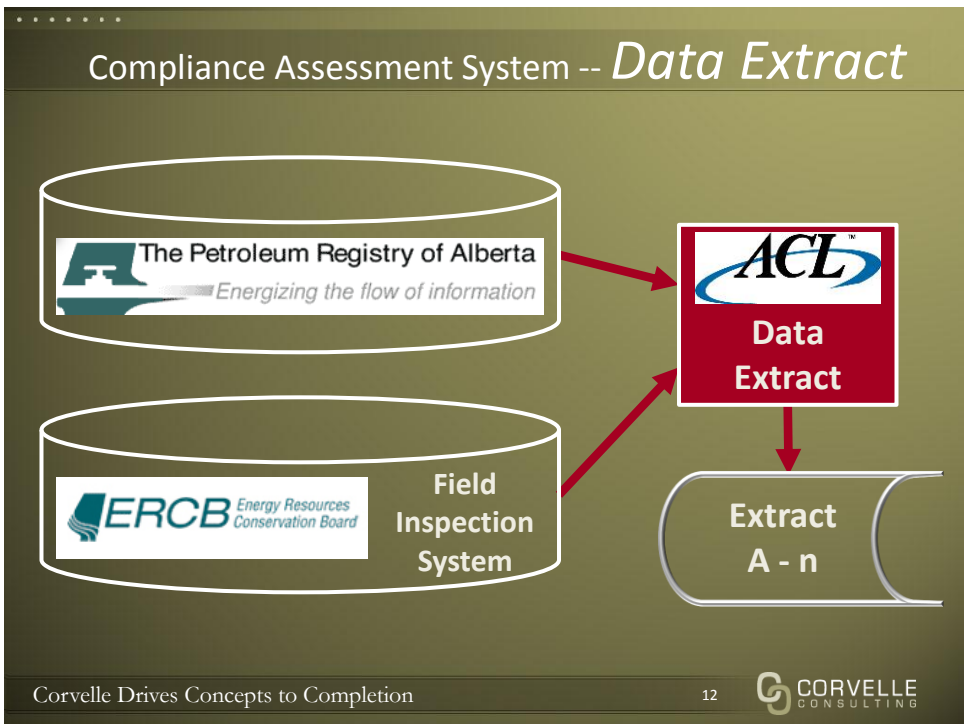
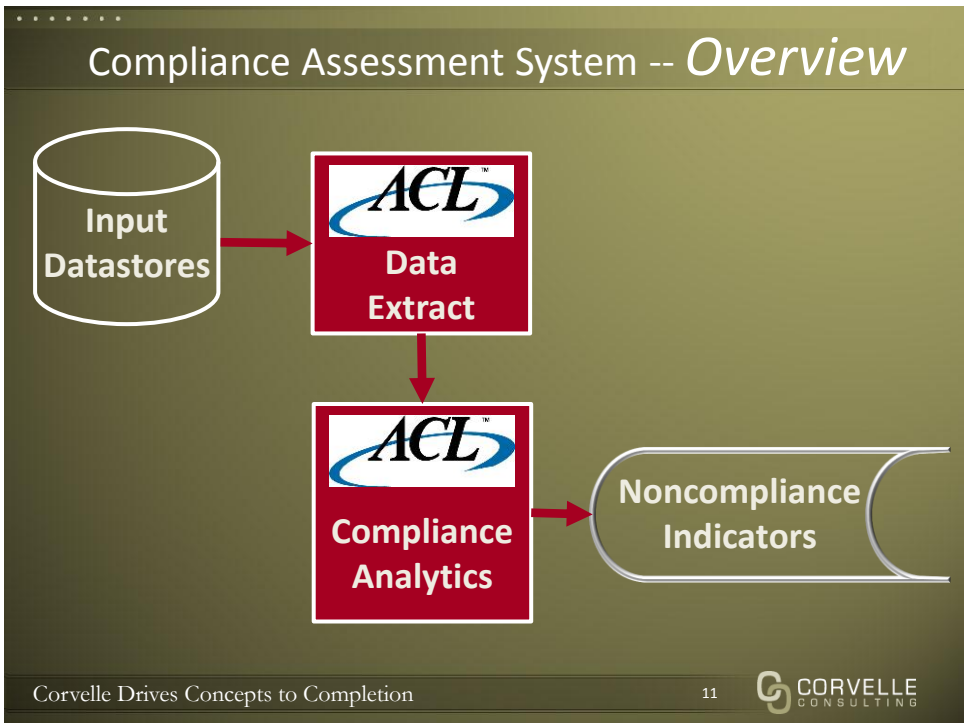
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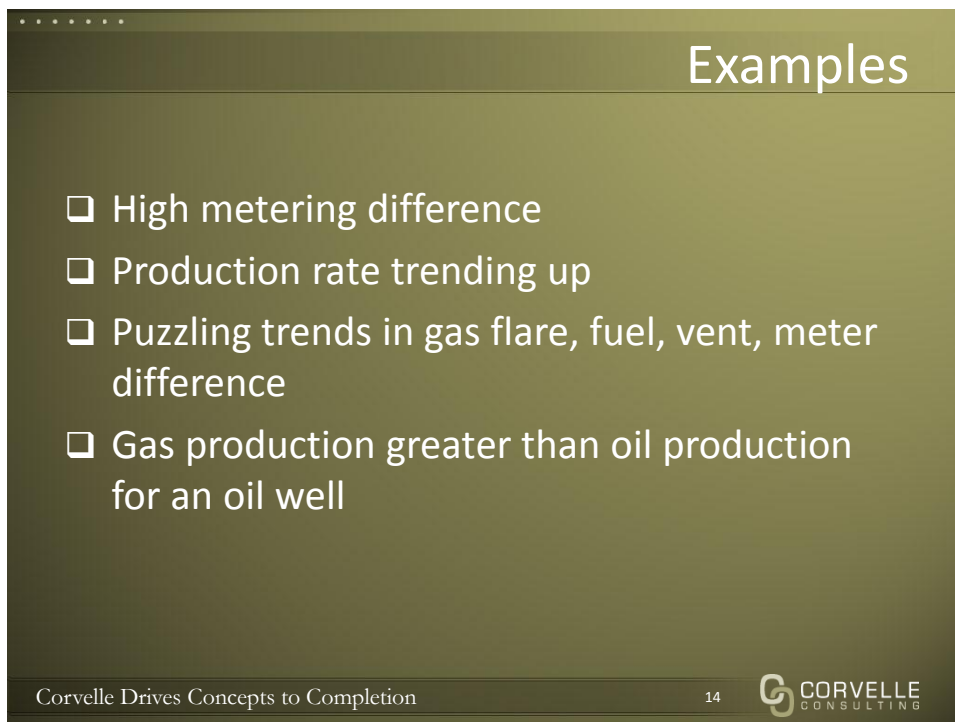
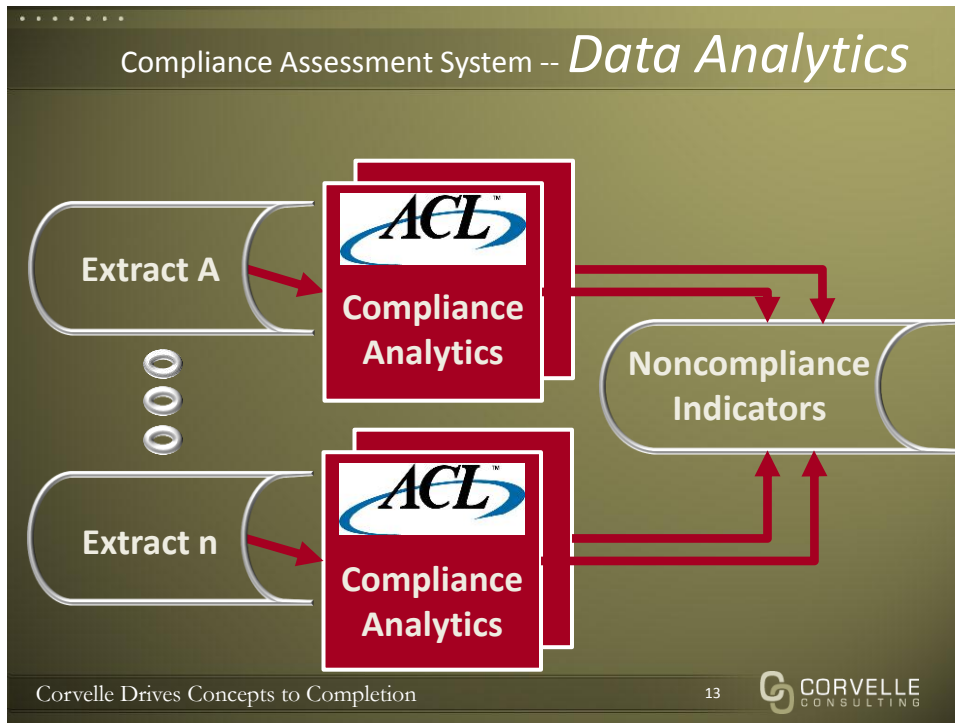
Business Analysis Techniques

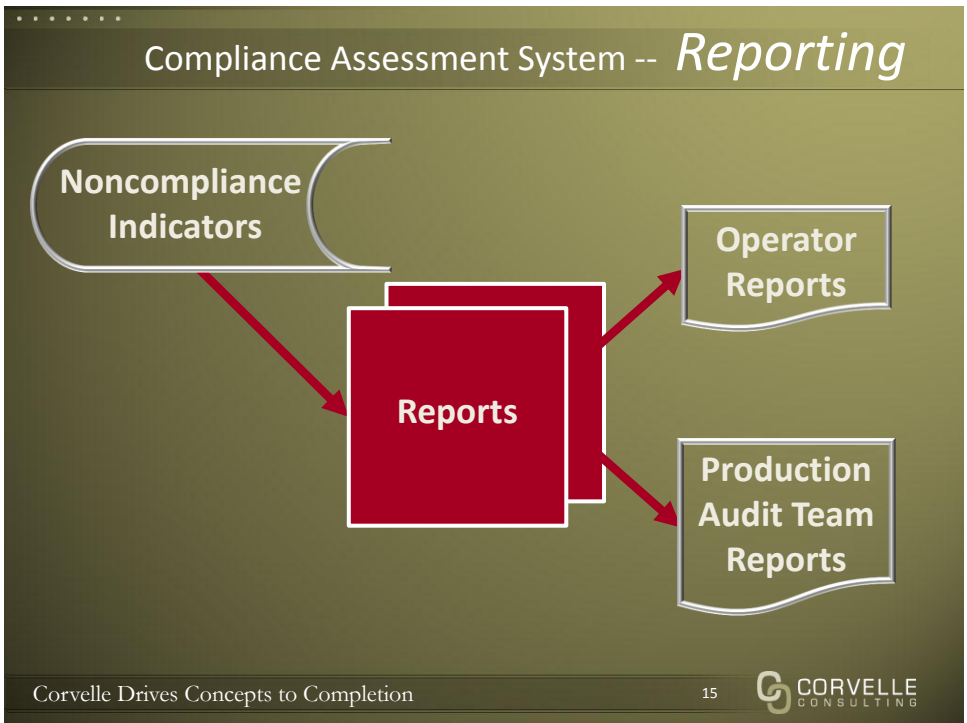
- Brainstorming
- Document analysis
- Reverse engineering
- Interface analysis
- Interviews
- Focus group
- Workshops



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Facilitation Techniques

- Gate Keeping
- Brainstorming
- Flip Charts & Post-it Notes
- Clustering
- T-graphic for pros and cons
- Weighted Voting

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Benefits for System Development





- Cost-effective and rapid development
- Adaptable to change
- Encapsulate expert understanding of data relationships
- Simple validation of candidate compliance assessment indicators


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Benefits of BI Activity

- Assurance over the state of compliance
- Feedback
- Improved
- Comprehensive
- Greatly
- Independent



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Conclusions

- ❑ Compliance Assessment System addressed our business challenge
- ❑ Solid business analysis work required for project success
- ❑ BI tool enabled:
 - development
 - operation



Recommendations




- ✅ Identify datastores to examine
- ✅ Experiment to identify potential data anomalies
- ✅ Design, build and test a BI system
- ✅ Collect dollars




Objectives

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Strengthen
business analysis skills

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Q & A

PLEASE DON'T ASK ANY QUESTIONS.

QUESTION!

Please fill out evaluation form

JUST DO EVERYTHING SOON AND PERFECTLY!!!

Can you help us improve our business analysis?



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Business Analysis for Business Intelligence

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