Welcome to PIDX

“The Engine Behind Petroleum eBusiness”

PIDX™
INTERNATIONAL
The place to go for
oil and gas e-business standards

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Who (or what) is PIDX?

- PIDX = Petroleum Industry Data Exchange
- Open standards for electronic commerce
- Up and Downstream Oil and Gas sector
- Members - Operators, service companies and suppliers
- Two permanent staff members – CEO and admin
- Manned and run by volunteers

Mission Statement - PIDX provides a global forum for delivering the process, information and technology standards that facilitates seamless, efficient electronic business within the Oil and Natural Gas industry and its trading community.

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Our members

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So what can PIDX do for me?

- Specific Oil & Gas data needs not covered by generic B2B standards
  - well name, well location, field name, lease name.
- Make standards available on an open and royalty free basis
- Available to members and non-members alike

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PIDX Workgroups

- Business Process
  - Provides e-commerce guidelines for invoicing, purchasing, supplier price sheets, field tickets and many other aspects of P2P cycle
- Business Messages
  - Message construction, transmission protocol, and document security and maintenance of the PIDX XML schemas
- Catalogue and Classification
  - Promote the use and development of the PIDX open standard taxonomy to describe products, services and industry definitions.
- Downstream
  - Focuses facilitate seamless &efficient electronic business for downstream
- Regulatory
  - Financial regulatory compliance and reporting

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PIDX Business Messages – XML docs

- Advanced Shipping Notice
- Bill of Lading – Create
- Bill of Lading – Response
- Cementing Template
- Custody Ticket
- Field Ticket
- Field Ticket Response
- Inventory Balance
- Inventory Balance Request
- Invoice
- Invoice Response
- Order Create (PO)
- Order Response
- Order Status Request
- Order Status Response
- Nomination Create
- Nomination Change
- Nomination Response
- Pipeline Schedule
- Quote
- Quote Notification
- Quote Request (RFQ)
- Receipt
- Request Requisition Return

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Catalogue & Classification

PIDX Taxonomy

- Nouns
- Modifiers
- Characteristics
- Sequence
- Units of Measure
- Classification to UNSPSC

Petroleum Industry Data Dictionary

- A glossary of industry specific terminology
- A useful industry reference source
- Currently more than 7000 entries

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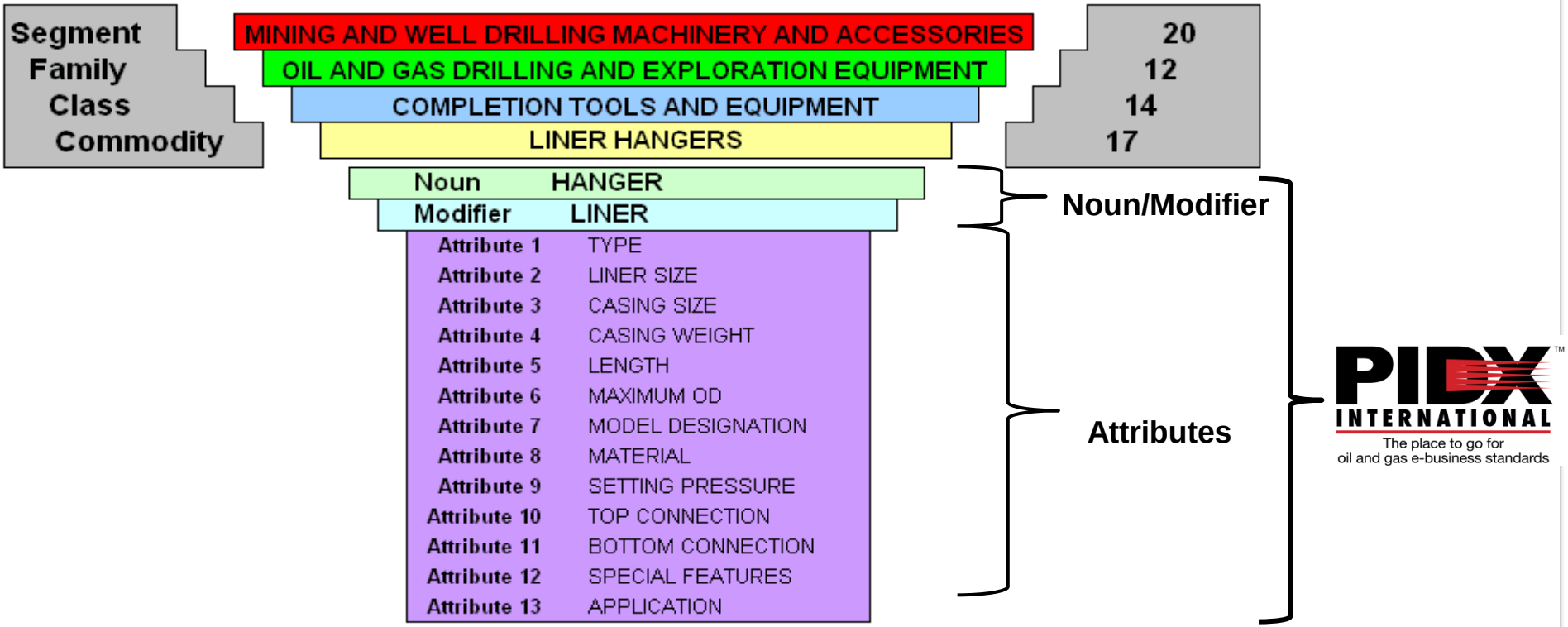
UNSPSC & PIDX

United Nations Standard Product and Services Codes **&** **Petroleum Industry Data Exchange**



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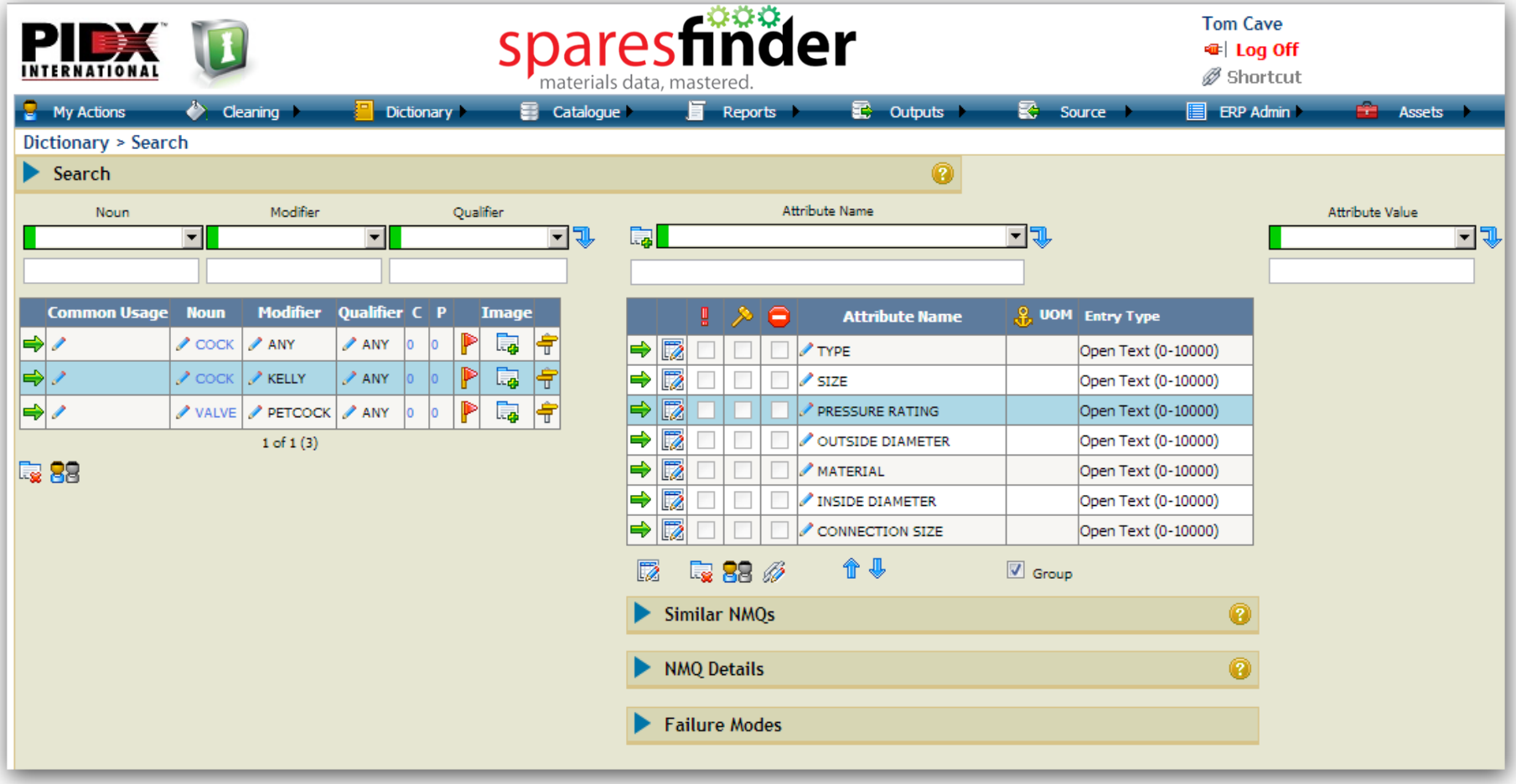
PIDX Taxonomy

Provides the templates for industrial strength data quality. Developed by the industry, for the industry, to classify and describe products & services



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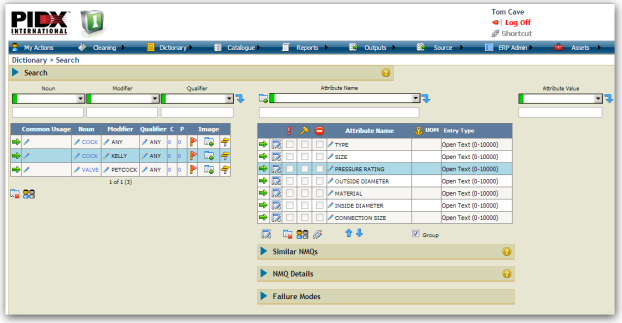
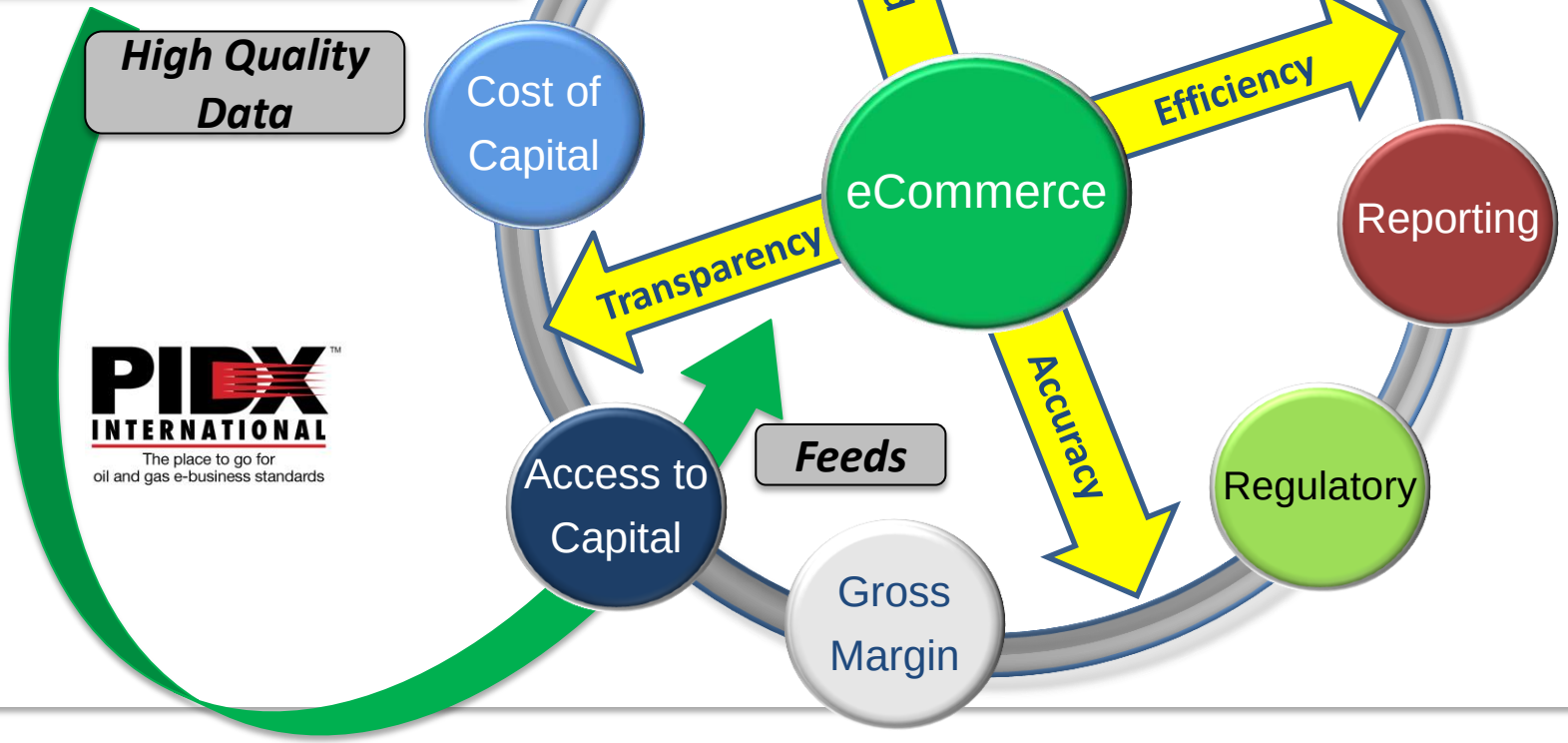
The value of high quality master data





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Case study - TDXS

Terminal Data eXchange Standard - Coverage

- Standardised electronic documentation regarding custody, transfer and movement of petroleum products
  - Bills of lading for truck loading and barge/vessel movements
  - Custody transfer tickets into or out of pipelines
  - Pipeline schedules

Terminal Data eXchange Standard - Adoption

- Global standard adopted in 2013 with active implementations in Europe and Australia for major oil companies
- Nearly 100 percent coverage in the United States
  - Over 2 million truck loads per month supported by PIDX electronic data

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Get Involved

Benefit from

- Successful standardization of processes and operations for greater agility and operational efficiency
- Proven track record in standards development
- Guidance and advice from member to member
- Participation in and guiding the development of seamless, industry-wide electronic Business communications

Learn from

- What other companies are doing with integrated systems
- What their successes have been
- How to pilot PIDX standard with trading partners
- How to leverage interoperability

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Thank you.
See you in London!
PIDX Europe Autumn Conference
Oct 16-17th 2013

More information at www.pidx.org
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