



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

The Value Proposition for PIDX Membership



The Business Case - “PIDX is a resource for your eBusiness team”

- Business documents are critical to our industry, centered on the whole supply chain, whether for products, services, or for any form of regulatory reporting. Making these documents digital is essential to improving business process efficiencies, improving cycle times and transparency, allowing spend analytics and business intelligence to work with real data and of course, reducing human errors. Many supply chain business processes have historically generated huge volumes of paper; reducing this to a digital form allows for efficient handling by our industry’s professionals.
- To allow digital business documents to be exchanged by trading partners, a single standard is required to be used between companies, allowing interoperability and, importantly, business process standards to support complementary internal workflows. This gives the maximum benefit to managing document transfer digitally. Additionally, the industry needs to have all its business documents transferred securely across the internet.
- PIDX supplies these standards, now in use across the world, in an environment with no competing standards to confuse the industry. These are the core business benefits of PIDX Membership.

Developing better 'industry friendly' standards through collaboration

- The PIDX standards are the product of collaboration representing the pooled business expertise and cumulative design capabilities of its Members. The Members determine priorities, only developing standards seen as needed within the industry; compare and update requirements, and promote adoption of the standards. As they work together, they invariably learn from each other and find that their own independent solution development benefits from exposure to different perspectives, lessons learned by others, and shared expertise. Technical participants share their experience about integration best practices, architecture, and other relevant standards; the process of proposing design solutions and refining them through work group collaboration is an opportunity to improve personal and corporate technical knowledge. Experts from the industry share their perspectives on priorities, trends, emerging technologies and methods. PIDX Standards and Guidelines Work Group and Project Teams are excellent, managed forums for corporate technical development.

Networking at PIDX

- Any standards development is a highly interactive and iterative process in which Members present their needs and problems, perspectives, and suggested solutions. It is very common that Members draw upon their knowledge regarding business process document exchange, including related standards, technical architecture, trends, and the research of professional societies. Naturally, working relationships develop which become important professionally. During Work Groups and Project Teams, Member meetings, and Conferences, PIDX Members have the opportunity to meet peers from across the globe and share ideas. There are cases where Members have identified mutual areas of interest and agreed to propose a project. These are opportunities to stay in front, and help influence the direction and priorities for the development of eBusiness standards, especially as our industry becomes more global and regional needs are identified. Whilst the use of PIDX's standards will always be free, which standards are developed and how they emerge from the development process for ratification and publication is within the domain of Members.

PIDX's Anti-Trust Position and its Rules for Collaboration

- PIDX was re-launched in 2011 with a strict set of bylaws and governance, as well as procedural structure for the design, development and approval of its standards. PIDX adheres to today's strict European and U.S. Anti-Trust regulations. Developing eBusiness standards across the oil and gas industry requires collaboration between operators, service companies, regulatory agencies and software vendors. This demands an anti-trust framework, and a structured process for delivering standards. Collaborating members supplying volunteer participants benefit from an organized and facilitated community within which to work.

Finally, Why Membership in PIDX?

- PIDX is a global, not-for-profit, membership organization that serves as the facilitator, custodian and advocate for the development and adoption of eBusiness standards in the oil and gas industry. PIDX is the leader in the oil and gas eBusiness standards world and is dedicated to the delivery of open standards that allow users to recognise practical business value. PIDX works to drive awareness of standards and their benefits through global marketing. The result is a recognized name over the last 25 years, well-known by the oil and gas industry. PIDX Members demonstrate their leadership and commitment to realizing the promise of a truly global, interoperable eBusiness environment for our industry, through their financial support and the commitment of their employee resources in the standards development process. PIDX Members can expect a positive return on their investment. These leading companies realise that their support for standards development and the PIDX marketing of the standards increases global adoption, which continues to reduce overall business process operating costs for all members as PIDX interoperability becomes the norm.

The following points outline the business case for Membership and participation in this open standards community:

- PIDX Members influence the direction of open data exchange standards developments, ensuring that their viewpoint is represented and their needs are considered.
- PIDX Member collaboration helps to ensure solutions meet industry needs and encourages the sharing of risks and rewards, in a non-core area, with standards providing an alternative to costly, “one-off” solutions.
- PIDX Members demonstrate leadership through their investment in and adoption of open eBusiness standards, which benefits individual Members as well as the entire industry.
- PIDX Members gain valuable business intelligence about new technologies and can develop extensive professional networks of peers and colleagues that benefit their organizations.
- PIDX provides the anti-trust framework within which open eBusiness standards can be developed collaboratively.

Current Members



PIDX Workgroup Members

Members on Workgroups & Project Teams

Amalto, Baker Hughes, BP, Chevron, COP, Cortex, Diamond Key, Exxon, DTN, GE, Global Value Web, Halliburton, Implico, OpusCapita, OFS, Oildex, Schlumberger, Shell, sparesFinder, Statoil, Weatherford

Non-Members on Workgroups & Project Teams

Accenture, Achilles, AdaptIT, Aimsio, Anadarko, Apache, Aristotle, C&J Energy, CHS, Citgo, Convergence, Emerson, ESSAR, Freelance, Frontline Group, Innovation Centric, IntegraWerks, LiquidFrameworks, Lukoil, Magellan, Motiva Enterprises, Offshore Energy Services, P66, PEMEX, PinnacleART, Scully Signal Comp., Select Energy, Software AG, SpendCheq, Spira Data, Sullexis, Toptech, Total Safety, Transport4, Valero, Varo Energy, Wells Fargo, World Fuel Services

So - What is the core difference between Membership and Non-Members on Workgroups ?

Non Members in the Workgroup can voluntarily work on Standards but as a Member you have the decision right to set the final standard.

Standards

- PIDX International standardizes business processes that deal with data exchange between trading partners in the Oil & Gas business. Our list of standards encompasses not just XML schemas, but Best Practices Documents, Business Process Guidelines, Implementation Guides, Industry Code Lists, the Data Dictionary and the Petroleum Industry Glossary.
- NOTE: Many of our standards work together as a bundled set. See our schemas page for more information. We recommend using the latest bundled schema, PIDX v1.61, and all standards in the list below are compatible with that release.
- [Downstream Codes](#) Product and Company codes for Downstream trading partners
- [Field Ticket](#) Service delivery (as opposed to materials delivery) for Upstream, including Field Ticket Response
- [Invoice](#) Invoicing for goods and services, including Invoice Response and Invoice Cancellation
- [Payment](#) Billing and payment, including Remittance Advice
- [Petroleum Industry Data Dictionary](#) (PIDD) Facilitates the use of standardised data, and holds over 4,100 templates mapped to UNSPSC. Each template follows the recognised protocol of Noun, Modifier and attributes
- [Petroleum Industry Glossary](#) (PIG)
- [Price Sheet](#) Procurement and Pricing for Upstream
- [Purchase Order](#) Request for goods and services, including Quote, Order Create, Order Change, Order Response
- [Shipping](#) The delivery and transportation of goods (not services), including Bill of Lading, Receipts, Pipeline, Advanced Ship Notice
- [Prequalification](#) Supplier Registration and Pre-Qualification Data
- [Transfer Protocol](#) Security and transmission of system-to-system messaging, including RNIF, AS2, Web Services, and Rosetta Net Standard