Welcome

Chris Welsh – PIDX Chair
MISSION & VISION

**Vision:** Recognized leader for digital commercial standards in the energy industry

**Mission:**
To promote digital collaboration in the global energy industry by driving commercial process efficiency and lower transactional costs
Sustained Upstream Deployment

*Operator Data Agreements

Cumulative Agreements

Agreements by Year

*Data Provided by OFS Portal LLC
Today

Digitalization of the Entire Business
Cloud, Edge, IoT, A.I., Robotics, BlockChain
APIs, API Management, PaaS, MicroServices
Data Lakes, Infinite Interconnectivity

Cyber Security

OTC Digital Twins
Infinite Interconnectivity!

API MGT

P2P

B2B

IoT

Sensors

APIs

SQS

Public Cloud

O2C

IBN

B2B

APIs

Private Cloud

APIs

PaaS

APIs

B2B
Key Issues to Facilitate Interconnectivity

Security Standards
Data Standards and Data Ownership
B2B Transaction Standards
API Integration Standards
Hybrid Future Model

Without a clear Industry Business Network

Hybrid of Connectivity and Data Access

B2B for Transaction Management

API for Data Access and B2B Initiation

*Mark O’Neill, Gartner Analyst, CLEO Connect, September 2017
Standards in Oil & Gas

PIDX

Petroleum Industry Data eXchange standardizes business processes that deal with data exchange between trading partners in the Oil & Gas business.
API Standards in Other Industries

FHIR

Fast Healthcare Interoperability Resources is the next-generation standards framework from HL7
Standards in Oil & Gas

PIDX

Provide a safe platform to develop royalty free integration standards between industry partners whilst strictly adhering to global anti-trust laws
Call to Action

The challenge is to keep PIDX relevant

Develop a range of new standards to facilitate infinite integration with Digital Transformation