



# PROJECT TEAM PROPOSAL SPECIFICATION SUPPORT

PIDX Document Title:  
Document ID:

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PTP Version  
Date:

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## 1. Proposed Project Team / Study Name

Industrial Data Exchange

## 2. Description

### 2.1 Purpose

There is an opportunity to build a new digital industrial data exchange platform by PIDX members for PIDX members.

### 2.2 Scope

The initiative focuses on building an API-driven and cloud-based industrial data exchange platform to establish and share strategic data sources among the PIDX ecosystem of operators, suppliers, and IT companies.

### 2.3 Goal

The industrial data exchange platform will: 1) consolidate and share data across the entire ecosystem and empower members to derive their own insights and 2) effectively leverage PIDX's existing and future standards.

#### 2.3.1 Identify criteria for success of the deliverables / specification as deployed in industry.

1) Cloud-based 2) API-driven 3) publishes PIDX standards 4) measured by size of data available in the data exchange 5) measured by number of API calls

#### 2.3.2 Identify all of the stakeholders of which you are aware. Operators, Suppliers, and Marketplaces

All

#### 2.3.3 Identify the stakeholders who are willing to join the work effort. (See Sponsor & Participants)

Chevron, BHGE, Microsoft, and others



## 2.4 Proposal

There is an opportunity to build a new digital industrial data exchange platform by PIDX members for PIDX members. The initiative focuses on building an API-driven and cloud-based industrial data exchange platform to establish and share strategic data sources among the PIDX ecosystem of operators, suppliers, and IT companies.

The industrial data exchange platform will: 1) consolidate and share data across the entire ecosystem and empower members to derive their own insights and 2) effectively leverage PIDX's existing and future standards. Some example use cases for this industrial data exchange platform include invoice management, virtual management of physical assets, logistics optimization, etc.

## 3 PIDX Definitions

N/A

## 4 Benefits

- List benefits for all PIDX users

wider adoption of PIDX standards; ease to consume  
 opportunity to build data ecosystem across companies for important challenges, e.g. carbon footprint, logistics operations, open manufacturing

## 5 Sponsor and Participants

PIDX member/company sponsoring development of these specifications/this project:

Member	Company	E-Mail Address
Rachel Shaffer	Chevron	rachel.shaffer@chevron.com
Mandar Moghe	Schlumberger	mmoghe@cameron.slb.com
Trish Nguyen	BHGE	trish.nguyen@bhge.com



The following PIDX members/companies are participants in the development of these specifications:

Member	Company	E-Mail Address

Mail distribution list required?	
Please provide the name of the mail distribution list:	

## 6 Deliverable Schedule

Component	Status	Estimated Completion Date

## 7 Anticipated Completion Date

12/31/2020



### 8 Initial Contributions

Document name	Type of Document	Document Source

### 9 PIDX Resource Requirements

*PIDX staff and/or contracted resources*

Minute taking				
Facilitation				
Planned activity	Number per month	Number of months	Duration (hrs)	Total PIDX Time (hrs)
Conference calls				
Face to face meetings				

Total PIDX staff time required for this project.

### 10 Sponsoring Member /Work Group/Sub-Committee

This specification has been submitted by Rachel Shaffer on behalf of the Strategic Initiatives Work Group/ Sub-Committee.

Contact Information:

Name: Rachel Shaffer

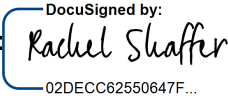
Company: Chevron

Mailing Address: 1400 Smith St, Rm 13186, Houston, TX 77002

Telephone: 713-372-4482

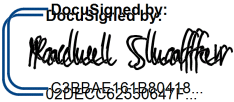


E-Mail Address: rachel.shaffer@chevron.com

Signature:  02DECC62550647F...

The chair of this Work Group/ Sub-Committee has reviewed this submission for completeness and understands this particular Work Group/ Sub-Committee is the Sponsoring Work Group/ SIG, responsible for the communication process. This does not mean the Chair or Work Group/ SIG is approving the actual work or its inclusion in any specification.

Chair's Signature

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## 11 PIDX Executive Committee

Upon review by the PIDX Executive Committee, this Project Team Proposal (PTP) is:

- Approved
- Denied
- Requires additional information

If "Denied" or "Requires additional information, please provide details:

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Recorded by: Trish Nguyen

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Standards & Compliance Manager, PIDX International