PROJECT TEAM PROPOSAL
SPECIFICATION SUPPORT
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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:

<table>
<thead>
<tr>
<th>Member</th>
<th>Company</th>
<th>E-Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Shaffer</td>
<td>Chevron</td>
<td><a href="mailto:rachel.shaffer@chevron.com">rachel.shaffer@chevron.com</a></td>
</tr>
<tr>
<td>Mandar Moghe</td>
<td>Schlumberger</td>
<td><a href="mailto:mmoghe@cameron.slb.com">mmoghe@cameron.slb.com</a></td>
</tr>
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<td>BHGE</td>
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This document was prepared and is maintained in accordance with the PIDX Procedures for Standards Development, a copy of which is available at www.pidx.org/procedures, and the PIDX Antitrust Guidelines, a copy of which is available at www.pidx.org/antitrust.
The following PIDX members/companies are participants in the development of these specifications:

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

### 6 Deliverable Schedule

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### 7 Anticipated Completion Date

12/31/2020
8 Initial Contributions

<table>
<thead>
<tr>
<th>Document name</th>
<th>Type of Document</th>
<th>Document Source</th>
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9 PIDX Resource Requirements

*PIDX staff and/or contracted resources*

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<tr>
<th>Planned activity</th>
<th>Number per month</th>
<th>Number of months</th>
<th>Duration (hrs)</th>
<th>Total PIDX Time (hrs)</th>
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<tr>
<td>Conference calls</td>
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<td>Face to face meetings</td>
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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: Chevon

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

Telephone: 713-372-4482
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

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:

Recorded by: Trish Nguyen

Standards & Compliance Manager, PIDX International