

Oil&Gas Project

The Oil&Gas Project takes the lead in driving requirements and use cases for EdgeX applicability in the Oil&Gas Industry

Key Project Facts

Project Approval Date: November 30, 2017

Project Maintainer: [Alberto Dellabianca](#), National Oilwell Varco

Organizations Involved: National Oilwell Varco, Pioneer Energy, Schlumberger

Project Information

The main target of the project is to make sure the EdgeX Foundry platform can serve IIoT needs of the Oil&Gas industry.

This target is achieved pursuing the following activities:

1. **Perform gap analysis and deliver specific market requirements to other Working Groups**
 - Prioritize additional Device Services or suggest improvements to existing ones
 - Specific requirements on Support Services
 - Specific requirements for System Management and Security
 - Specific requirements on Export Services
 - Specific requirements on Core Services
2. **Create Reference Architecture for specific use cases**
 - Single Asset (Standalone Equipment, Well Intervention Unit, Artificial Lift System)
 - On-Shore Facility (Land Rig / Production Facility)
 - Off-Shore Facility (Offshore Rig / Offshore Production Facility)
3. **Develop unique source code**
 - [Export Service to OSIsoft PI](#)
 - [Export Service to InfluxDB](#)
4. **Liaison with appropriate SDOs and Consortia**
 - Society of Petroleum Engineers
 - Universities

Community Committers

- Name, email - - Project Lead

Community Contributors

Please add your name here if you have made contributions

- Name, email -