

# Oil&Gas Project

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

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## Key Project Facts

**Project Approval Date:** November 30, 2017

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

**Organizations Involved:** National Oilwell Varco, Pioneer Energy, Schlumberger

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## 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

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## Community Committers

- Name, email - - Project Lead

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## Community Contributors

Please add your name here if you have made contributions

- Name, email -