

## Production Allocation Reporting Information System - PARIS

PARIS is Petrofac's metering software package which allows users to secure, allocate and report metering and allocation system data to meet their contractual and regulatory requirements.

### Concept

Traditionally, allocation systems had to be written and programmed from scratch and any modifications or upgrades required intensive programmer effort (with code being modified on each occasion).

Petrofac identified that there was a requirement for a system that could be configured by an allocation engineer but without the need for any programmer involvement.

Petrofac's PARIS software was jointly created with our partners at PISYS and now incorporates the following features in one unique and easily configurable software package:

- User configurable by allocation personnel
- Volume-based allocation of data
- Mismeasurement module
- Loss management module
- Data acquisition
- Audit module
- Data validation
- Petroleum production reporting system
- Reconciliation to mass, volume or energy component
- Fiscal and allocation data capture
- Chemical management module
- User configurable reporting
- Graphics tools
- Full onshore support



# Functionality

- User configurable by an allocation engineer
- Configuration can begin with only a tag list and an allocation philosophy (eliminating the functional design specification process)
- Data acquisition tool facilitates configuration in any communication format and carries out first pass validation in live systems
- Oil analysis field mass reconciliation
- Use on custody transfer, allocation metering or reservoir management systems
- Provisional and final data reconciliation mechanism
- Gas mass component calculations
- Multiple hierarchal information flows from platforms, fields or wells
- User configurable selectors, factors, look-up tables and reservoir splits
- Tanker offload reconciliation
- PPRS reporting tool pre-configured for all PPRS report types
- Secure lock down of data once approved
- Software tracks data entry and records changes - ensuring total data integrity and a complete audit trail
- Mismeasurement module provides a suite of calculations to allow for the correction of system mismeasurements
- Read-only data validation tool allows verification of allocation and mismeasurement calculations in complete safety
- Customisable security levels relating to personnel expertise
- Fully supported by onshore team of allocation engineers
- Loss management, reporting, tracking and compensation to assist with production improvement

## Operating system

- Microsoft SQL database (with query option)
- C# programming language
- .Net interface
- Remote web access

## Existing users

- CNR international
- Fairfield
- OilExco
- Petrofac Energy Developments - Cendor

## Further information

For further information on Petrofac's metering services, please contact:

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