

Experts in Digital Fields (Online Real-Time Management Information Systems)

Profile & References

In this document you will find a short profile of Hint and the Digital Fields reference list. Our primary focus is to improve the efficiency & performance of processes of our clients which results in accurate & reliable measurements, safer processes, cost reduction, increase labour productivity and more profit.

Hint

Hint, is an independent consultancy and software system integration company, in Engineering and ICT Solutions active in the Oil & Gas industry, Petrochemical, Process and renewable Energy providing integrated digital automation solutions for efficient management. Hint's employees are architects in Metering & Allocation and Information Management, from sensor to boardroom. By good workmanship, creative thinking and a flexible attitude we try to improve efficiency, making sure that customers get value for their money.

Company highlights:

As independent consultants & software system integrator, we use a holistic approach. Hint's employees can perform consultancy in the following project phases:

- + Feasibility studies
- + Basic Engineering
- + Front End Engineering and Design (FEED)
- + Detail Engineering
- + (Software) System Integration
- + Operations & Maintenance

Hint consultants have knowledge and experience in:

- + Product / Fiscal / Sales allocation
- + Reservoir Management
- + Maintenance Management
- + Hydrocarbon accounting
- + Arbitration, Audits & Reviews
- + Multi-phase flow (wet gas) metering
- + Fiscal Metering (custody transfer)
- + Analyser & Metering Allocation Management
- + Laboratory / Field Analyser Philosophies
- + ICT and software architecting
- + Process Control & Automation
- + Emission Monitoring & Planning
- + Implementation of Laws & Regulations
- + Maintenance Management (Online predictive-, corrective- and preventive maintenance)

As an independent software system integrator company we have engineering experience in integrating own developed software with other software for process and office applications:

- + Web-based ICT Solutions for Process Control (SCADA/DCS)
- + KPI Dashboard on operational, asset and business level.
- + Analyser Management Software (AMDS, ADAS, AMADAS, LIMS)
- + Metering Dashboard, Supervisory & Allocation Software
- + (Virtual) PC based Flow Computer for Metering
- + Emission Monitoring & Planning Applications (Analysing and Metering)
- + Online predictive maintenance (automatic validation and diagnostic information)
- + More analytics (quality data)
- + Real time online (reservoir) simulations, calculations, imaging & KPI's
- + Unmanned remote operation
- + Mobile devices to improve maintenance and prevent errors

Benefits:

- + Better high ultimate recovery
- + Low operational costs
- + Safer processes
- + Less staff in the field
- + From hours to minutes
- + Production optimization
- + Workflow optimization
- + Reduce uncertainty and risk management
- + Integrate physics more accurate



Improved efficiency through Human Interest in New Technology



Selection of relevant Hint DOF projects:

- Oil and Gas; Shell EP Europe One Gas: Feasibility study for subsea multi-phase flow measurement to improve ultimate recovery.
- Oil and Gas; Petroleum Development Oman (PDO): Development of a sub-surface multiphase flow sales allocation in a gas lift application.
- Oil & Gas; Total E&P: Study to replace orifice flow metering by ultrasonic flow metering.
- Oil & Gas; Petroleum Development Oman (PDO): Development, software & hardware engineering, implementation, FAT, SIT and training of a Analyser Management System for PDO Harweel.
- Oil & Gas; Woodside Energy Australia: Development and implementation of a metering philosophy/strategy.
- Oil & Gas; Shell SGS: Development of a web based Metering Dashboard
- Oil & Gas; Chevron: Development of transportation agreement exhibits, coverage for obligatory rules from the Dutch regulatory authorities, balancing agreements and any other related service.
- Steel industry; Danieli Corus: Development and engineering of several Hearth Monitoring Systems (HMS) for management and control of heart refractory temperatures of blast furnaces.
- Oil and Gas; Shell NL: Model Based Field Operations and monitoring, Data quality, data integration projects.
- Oil and Gas; Shell R&D: path finder projects like Production Dashboards, Metering Dashboards, Data quality and more.
- Oil and Gas; Shell UI: Roll-out of Production dashboards (Well and Reservoir Management), Metering dashboard; automated metering analysis system, improving metering overall quality significantly.
- Oil and Gas; Wintershall: OSIsoft, reconciliation, Model Based Well Operations.
- Steel Manufacturer; TATA Steel: Dashboards with (OSIsoft PI) WebParts and Condition Based Monitoring and Operations.
- Oil and Gas; TOTAL: Abnormal Production reporting system, Automated Production Operations systems.
- Petrochemical Industry; Sadara Chemical Company Visualizing KPI's from Analyzers, CEMS, detectors on a web based Dashboard.
- Oil & Gas; PDO Oman: Visualizing KPI's from Analyzers, CEMS, detectors on a web based Dashboard.



Europe & Africa
De Netelhorst 4
8051 KE Hattum
The Netherlands
T. +31 38 4432300
E. ea@hint-global.com
I. www.hint-global.com

Middle East & Asia
King Faisal Highway, Level 21
West Tower Bahrain Financial Harbour
Manama, Kingdom of Bahrain
T. +31 38 4432300
E. mea@hint-global.com
I. www.hint-global.com

Americas
2800 Post Oak Blvd., Suite 4100
TX 77056 Houston - Texas
United States of America (USA)
T. +1 713 701 1951
E. usa@hint-global.com
I. www.hint-global.com

