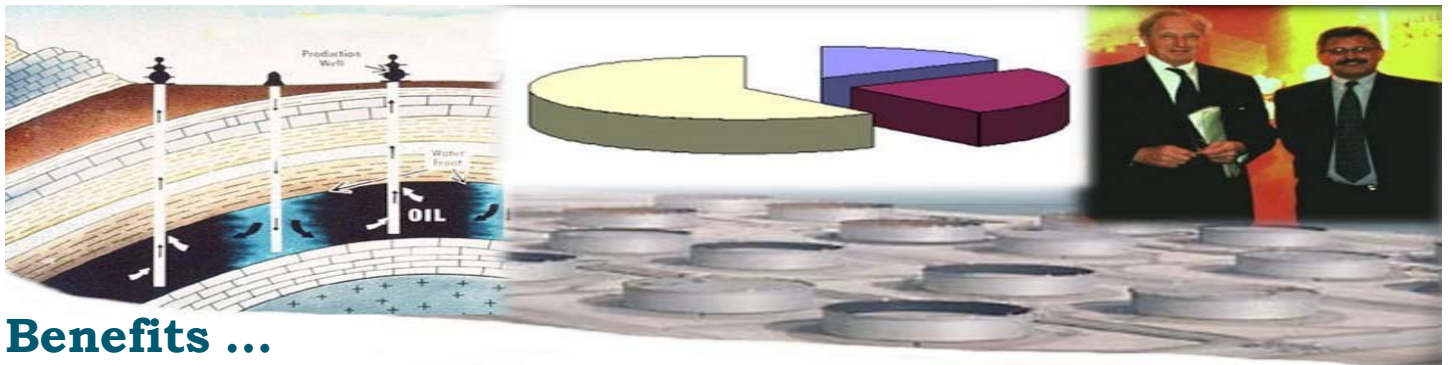




Production Allocation

Aquidata Excels' PALS product provides all the tools needed to create a sophisticated and modern Production Allocation Data Management System.

For customers responsible for reporting production, transportation, distribution and ownership of hydrocarbon products Aquidata Excel delivers a complete end to end solution starting with initial consultancy, through implementation and then follow up support to deploy the PALS system effectively.



Benefits ...

PALS provides all the functionality needed to capture production allocation related data and present it as an integrated view which in turn facilitates

- Improved opportunities for problem analysis
- Accurate data correction
- Rapid contextual validation
- Automated and intelligent substitution
- Audit trail of system and user actions
- Reduced operational costs
- Timely and Automated reporting

Customer Reference List ...

Amerada Hess (TAS)
Lundin Britain (LAMS)
Petro Canada (VARIS)

Functionality ...

The base functionality for PALS includes modules for:-

- automated data acquisition
- automated data validation and replacement
- calculation of allocation
- banking and redistribution
- access security
- audit trail
- automated report distribution
- networked user interface
- various reporting formats

Delivery of effective data gathering, information delivery and management tools to the international hydrocarbon production and processing industries through innovation and partnership with our customers is our business.

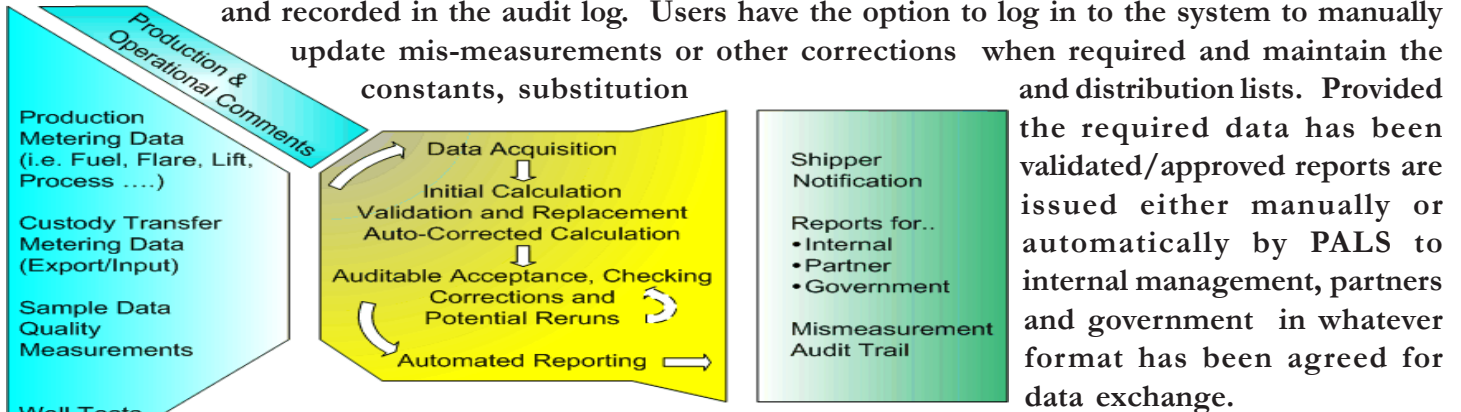


Production Allocation

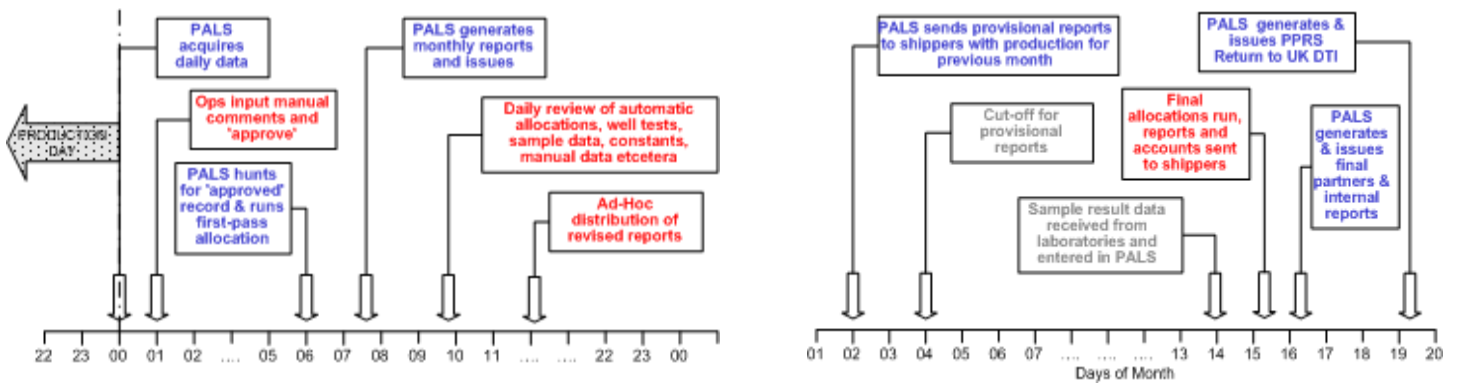
The Process ...

The PALS data server software is configured to automatically acquire the information it needs from the data sources as it becomes available. Initial calculations are made using this data and the results logged.

The input data is then checked against predefined limits and any necessary substitutions made and recorded in the audit log. Users have the option to log in to the system to manually update mis-measurements or other corrections when required and maintain the constants, substitution



Typical Daily and Monthly Timelines



Technical ...

PALS is built using the very latest software technologies, i.e...

- SQL compliant database
- MS .NET user interface - choice of thick or thin (web deployable) client
- Choice of interfaces to field systems including GEMxt, Meteor, DMS, OSI PI and various DCS/SCADA systems
- Integration of REMS for output reporting via file, eMail and web publishing using RTF, PDF, XML file formats