

# WaSP

Process Optimisation  
Solutions for Industry

## BENEFITS

- STREAMLINE OPERATIONS
- OPTIMISE EFFICIENCY
- IMPROVE SLUDGE CONTENT
- SET POINT ADJUSTMENT
- WEB BASED DATA HOSTING

## COMPLETE SOLUTIONS

Solutions designed and built to each individual requirement whether new build or retro-fit. Complete design, build, installation, commissioning and maintenance services

## WEB ENABLED DATA

Monitor multiple process transactions and produce customizable reports and trending via secure web based applications



## WaSP POS ADS - Auto Desludge control

### Introduction

The WaSP POS product range provides an opportunity for minimizing cost and increasing efficiency through enhanced control, data capture, visualisation and process monitoring. The solutions can be deployed as a multiple 'one stop' solution for new build or retrofit environments.

### Efficient Operations

A tank desludging process needs to operate as efficiently as possible to ensure that optimum sludge contents are being removed during the process. Should the process not be effectively operating this may result in low solids concentrations being removed which may cause further operational problems and increased costs further in the process. Typical controls for such systems are often time based and hence do not take into account the actual parameters of the desludged product which can compromise efficiency.



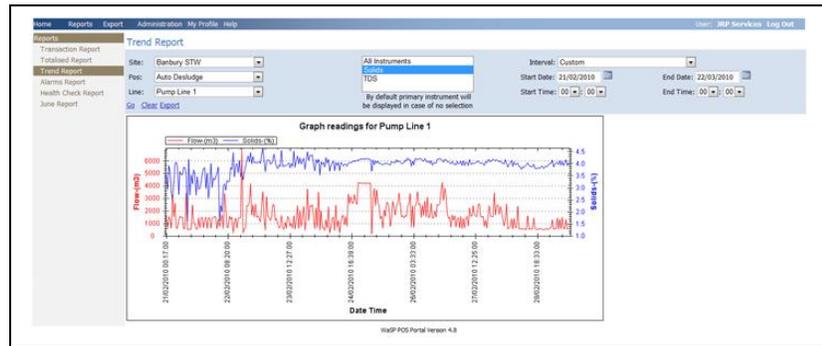
Effective desludging should be based around actual monitored parameters and control of the desludge pump / valve should be undertaken based on desired set points. The POS ADS solution used in conjunction with solids monitoring instrumentation provides enhanced control of all tank

desludging operations ensuring the process can be monitored and continually optimized to provide increased operational efficiency.



### Control & Monitoring

The WaSP POS provides continuous monitoring and control of important site process functions allowing critical data to be logged locally and also sent via GPRS comms to a dedicated data portal for monitoring / optimisation. By analyzing important process data captured, set point adjustments can be made either remotely or locally and control loop parameters can be optimised to provide enhanced process results.



### Site Integration

Each WaSP POS unit can log multiple processes and functions in user definable transaction intervals as well as conducting data manipulation locally to provide critical parameters on site such as TDS (Tonnes Dry Solids), etc.

### System Features

- ❖ No bespoke PLC software configuration / programming required
- ❖ User friendly local menus, status screens & mimics
- ❖ Text Alerts and messages to local operations staff / maintenance
- ❖ Real time transaction data reporting analysis & trending via GPRS
- ❖ Full local / remote data archive
- ❖ Remotely manage diagnostics / maintenance / facility status
- ❖ Local optimisation parameter adjustment options
- ❖ Integration with local SCADA



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