



**ENGINEERING
SERVICES**



ACTIVITIES

**INSTRUMENTATION
DATABASE MANAGEMENT
(S4I / AVEVA / SPI)**



Service Description:

- ✓ Instrumentation and Systems Engineering, Design, Documentation & Management
- ✓ Site Survey and collection of Marked-up paper documents
- ✓ Existing Instrumentation Database Updated
- ✓ Instrumentation Database Management (S4I 3G, SPI, AVEVA)
- ✓ Specific database development (ex with MySQL)
- ✓ Migration of S4I 2G to AVEVA Instrumentation
- ✓ Specific database development (with Data from various sources with various formats (MS Excel, MS Access, S4I, Txt ...),
- ✓ Database definition and configuration : tables, relationships, pre-defined queries, backup and restore procedures, (ex with MySQL)





ACTIVITIES

**INSTRUMENTATION
DATABASE MANAGEMENT
(S4I / AVEVA / SPI)**



Service Description:



- ✓ Installation and configuration of the servers,
- ✓ Server hosting and maintenance,
- ✓ Database Definition,
- ✓ Database Creation,
- ✓ Database Administration,
- ✓ Technical Assistance during the entire duration of the project.

The database administration includes the definition of:

- ✓ Instruments list columns,
- ✓ Cables list columns,
- ✓ Instruments Spec list,
- ✓ Junction boxes type,
- ✓ Marshalling type,
- ✓ Cables type,
- ✓ User accounts,
- ✓ I/O System import data,
- ✓ Instruments list of Packages Vendors (type P1/P2/P3),
- ✓ ICSS Supplier data.



ACTIVITIES

**INSTRUMENTATION
DATABASE MANAGEMENT
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References:

- ✓ TLP & FPU of MOHO Nord project (HHI – 2014/2015) – S4I 3G Database Management.
- ✓ TOTAL E&P Angola – Dalia S4I 2G Database update
- ✓ TOTAL E&P Angola – Migration S4I 2G / AVEVA
- ✓ TOTAL E&P Gabon – Grondin field S4I 2G Database Management
- ✓ TOTAL Brunei – OPP AVEVA Instrumentation Database Management
- ✓ TOTAL Lacq – Dedicated management with several databases (Data from various sources with various formats (MS Excel, MS Access, S4I, Txt ...)),
- ✓ Sonangol P&P Angola - Update of S4I Database after PAL P2 revamping Phase 2
- ✓ Amenam AMP 1 & 2 (TECHNIP / TOTAL Nigeria) – Instrumentation S4I details
- ✓ TSU Project Niger – SPI Administration (Technical assistance)