Brownfield Data and Documents and Beyond?

Lin Whitworth
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Why do we do what we do?

Technical Information as it should be
SaaS for Projects, Operations and Decommissioning
Increasing efficiency and decreasing costs on the process and energy industries

From the EPC to the owner operator down…it’s a supply chain thing
We help...
✓ Specify
✓ Communicate
✓ Capture
✓ Assure
✓ Measure/Report
✓ Collaborate & Share
✓ Master Tag Register
✓ Manage Change

Safety  Cost  Efficiency
Can you trust your digital asset?

- Secure: Cloud by design (on or off premise)
- Aggregate: Easy Import/Export (ETL)
- Validate: Data driven class library control
- Publish: Dynamic dashboards and live registers

*Engineering Information as it should be!*

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**What our Clients say**

“We have been greatly impressed by the speed in which Datum360 deployed the system. Due to the simplicity and structured approach of PIM360, the team became self-sufficient in using it within less than two weeks of deployment, after a thorough knowledge transfer from the Datum360 team.” Our team can now spend more time reviewing the quality and completeness of engineering information, rather than wasting time manipulating the data, as they have done previously.

*Development & Project Information Manager*

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“We have been impressed by the straightforward deployment, data interfacing and performance of the PIM360 system. When taken in combination with the professional expertise of Datum360 team, the results so far have been very encouraging.”

*Information Management spokesperson*

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“From the outset, Datum360 has supplied constant, high quality advice. They’ve understood our requirements and then, using their SaaS tools, have helped us specify, collect and assure the delivery of engineering information.”

*Specialist Engineer*
Fast, simple access to engineering information for all sizes of project

**Capability**
- Handles data sets from mega projects with ease
- Project metrics continuously available live with dynamic dashboards

**Benefit**
- Delivers change control and enables standardisation
- Captures and provides re-use of corporate knowledge
- Delivers fast shareable global reports

**Management of Engineering Information Change (EIC)**

**Capability**
- EIC groups scope of work together
- Comparison between proposed change and live data
- Maintains an audit trail of the reason for change and the actual change at attribute level

**Benefit**
- Builds confidence in the data
- Allows data managers to review pending change uploads prior to publishing the live database
- Allows data values to be referenced against Business Processes via the EIC number

Easy to learn

**Capability**
- Intuitive and clean graphical interface facilitates ease of use
- Uses social media type mechanisms

**Benefit**
- Speeds up adoption by users and encourages deeper engagement with the data
- Builds confidence and trust

Interoperability built in

**Capability**
- Easy in, easy out for engineering information via a range of mechanisms
- An open environment for integration
- Links can be built to both corporate and global design and enterprise systems

**Benefit**
- Removes need for consultancy and customised developments to get special reports or data exchange working

Data driven configuration

**Capability**
- Fast, seamless loading of project or facility specific class library snapshots from CLS360
- Provides flexible basis for data governance framework

**Benefit**
- Provides comprehensive and flexible approach
- Removes requirement for expensive customisation
- Allows standardisation on corporate class libraries

Globally available, digitally secure, Software as a Service (SaaS)

**Capability**
- One click deployment on the internet
- Conforms to conventional digital security requirements
- SaaS model of monthly subscription allows flexible utilization of software

**Benefit**
- Reduces deployment times to minutes and hours not weeks and months
- Reduces cost of deployment and IT infrastructure to zero
- Provides secure, managed access to all project participants
- No capital investment is needed and infrastructure costs are minimised
Information availability
When does green become brown

Most Assets are Brown

High potential for information improvement

Requires a strong route map

Is this the handover tractor?
Make sure you ask for what you need, know what is missing!

(RDL or Class Library)

ISO15926

Capital
Facilities
Information
HandOver
Specification
CFIHOS
Engineering Data Preparation

**Standards**
- Tag numbering specification
- Class Library or RDL
- Document numbering

**Mapping Activities**
- Tag codes to RDL Classes
- Document types to RDL Classes
- Data Source attribute names to RDL attribute names

**Data Sources**
- Inspection Data
- SAP
- Design tools
- Documents & Drawings
- Sources from local drives

**Inconsistencies**
- Errors
- Gaps
- Reports

**Configuration of PIM360 in minutes**

**trusted data source. Supersede silos. Information point of entry**

**Engineering Information Change**
- EIC functionality
- Control, Compare, Publish
Data and Document, consolidation.

- **Data Source 1d Data Sources**

- **Data Source** Drawings and Documents Native

- **Data Source** Drawings and Documents in PDF format

- **Data Source** consists of drawings and documents that are not searchable.

- **Document Numbers and Metadata**

- **Tag to Document Associations**
Integrating data and documents

Database of Tag and Document number Patterns

Model and Drawing metadata and content search
Questions please