ENGINEERING DATA CLEAN-UP & TRANSFORMATION

Harnessing asset information for the right people at the right time

How important is having confidence in your engineering information?

In the engineering information world today, we often find missing metadata, multiple sources of line lists, cable schedules and other important information managed as documents, for a particular asset. Within these sources are multiple versions of the same document where there inevitably will be duplicates (lines etc.) and conflicting data (e.g., operating pressure/temperature, test pressure etc.).

The net result of this multiplicity is lack of trust in the data and uncertainty as to which is the correct source.

The engineer or technician cannot rely on the information contained within these sources. In order to determine what part of the information is accurate, organizations must undertake expensive offshore surveys as part of maintenance or modification operations (or risk damage to health, environment or asset).

Once offshore surveys for a project are completed, a new, limited, project line list is created and managed as yet another document, further compounding the challenge of finding a “single source of truth.”

Wipro’s engineering data clean-up and transformation services offer a cost effective, quality-assured and scalable clean-up transformational service of structured and unstructured engineering information. This service can be distributed, and / or can be localized where appropriate.

The methodology contains clear steps that help a company transform their information and data management capabilities.

BENEFITS

• Improved engineering data quality assurance processes
• Reductions in overlaps and duplicates of data
• Accelerated access to engineering data and improved engineering decisions
• Increased completeness of technical information
• Reduction in maintenance turnaround time
• Increased operations and maintenance worker productivity
• Increased inspection productivity
• Enhanced confidence in asset and equipment data integrity
The rich features and capabilities of the new available technology are enabling data visualization possibilities that operators would love to explore.

However, to reap benefits from enhanced search capabilities and data visualization, and to truly exploit the effectiveness gains of new ways of working, requires a good foundation of consistent and integrated information datasets on which to build the future of engineering information management.

For more information on how Wipro can help with metadata capture, data clean-up, and transformation and to realize the value of integrated engineering datasets, please contact one of our team members.

Experienced engineering information management practitioners are ready to provide the services and solutions that help companies understand and realize new potential from their information assets and operations.

About Wipro Ltd.

Wipro Limited (NYSE:WIT) is a leading Information Technology, Consulting and Outsourcing company that delivers solutions to enable its clients do business better. Wipro delivers winning business outcomes through its deep industry experience and a 360 degree view of “Business through Technology” – helping clients create successful and adaptive businesses. A company recognized globally for its comprehensive portfolio of services, a practitioner’s approach to delivering innovation and an organization wide commitment to sustainability, Wipro Technologies has over 140,000 employees and clients across 61 countries.

For more information, please visit www.wipro.com or contact us at info@wipro.com.

DO BUSINESS BETTER

ENERGY, NATURAL RESOURCES, UTILITIES, ENGINEERING & CONSTRUCTION: West Wing Level 2, 3, Sheldon Square, London W2 6JP • 1080 Eldridge Parkway Ste 1400, Houston TX 77077

© WIPRO TECHNOLOGIES 2013

DO BUSINESS BETTER