ASSET INFORMATION
VISUALIZATION & MANAGEMENT

Speeding problem resolution, supporting decision making and improving knowledge exchange

Are your engineers and technicians slowed down trying to locate the information that they need to do their jobs effectively?

The shift from paper to digital information management offers companies significant opportunities to impact the bottom line positively through improved asset management. However, the shift has not been smooth and, in some cases, has created challenges and not solutions.

Processes and personnel are often unprepared to deal with the massive volumes of engineering information generated through modern digital means. In many companies this information may not be managed consistently. Content may be incoherent, cumbersome to access, partially available, or maintained in “silos.” Integrity may be challenged which leads to expensive engineering rework. The information may become fragmented and difficult to manage which in turn hampers the effective decision making process.

In order to speed up the problem resolution process, companies must have access to asset information that is intelligently integrated and visualize this through a single source of truth solution. This in turn supports an effective decision making process and enhances knowledge exchange from a reducing pool of experienced professionals to a new generation of engineers and technicians.

BENEFITS

• Improved management of asset information
• Reduction of errors during decision making
• Support for quick onboarding and integration of new assets
• Reduction in maintenance turnaround time
• Increased operations productivity
• Increased maintenance contractor productivity
• Increased inspection productivity
• Cost and schedule reductions
Clear understanding of information
Visualization and integration enables a rapid understanding of an asset, offering new ways to improve reliability and operating efficiency.

Bridges across organizational gaps
Asset information visualization and management enhances communication between office and field, as well as between experienced and newer employees, through a common interface, standard terms and a holistic view.

Engineering information expertise
With access to thousands of experienced engineers and technical staff, we leverage our legacy engineering and deep domain consulting expertise in combination with our heritage IT background to deliver effectiveness and efficiency benefits through business focussed solutions and quality assured engineering information transformation with data clean-up services.

Wipro’s Asset Information Visualization and Management solution considerably reduces non-productive time for engineers and technicians. The solution supports information integrity management and availability through a common platform for the entire lifecycle of engineering information. Visual representation of the information can be via asset hierarchy, graphical representations and/or three-dimensional models to simplify use and improve access to holistic engineering content.

The solution empowers asset personnel by enabling access to clean, traceable and coherent information through an intuitive visualization interface. Engineers, operators and technicians can focus on value-adding activities, reliability maintenance, analysis, decision making and problem resolution instead of data retrieval, validation and manipulation.

Wipro practitioners offer services in engineering information assessments and planning activities, data clean-up and migration, solution design, solution build, and solution delivery. Engineering information technology professionals offer integration, support and sustainability expertise.

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.

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