



iWIT™

Well Operations & Integrity Management System

Improve Safety | Manage Risk | Comply | Lower Costs | Increase Production

iWIT™ is a comprehensive, web-based software developed to meet the demands and uniqueness of oil and gas operations – a single, one-stop solution for integrity and broader well operation management needs. iWIT has served the needs of diverse customer operations around the world for over a decade, supported by experienced and responsive engineers who understand your challenges.

Highly scalable, iWIT automates and streamlines well data into a single environment that applies business rules for a comprehensive and consistent understanding of operational conditions and the integrity of your assets.

- Immediate, web-based decision support – for engineers and managers
- Improve safety through increased certainty of well integrity issues
- Quickly identify production threats and reduce downtime
- Reduce costs with fewer workovers and increased uptime (production optimisation)
- Track and mitigate risk with the incorporation of complex business logic
- Comply with regulatory needs and standards including ISO 16530-2 Well Integrity in the Operational Phase

iWIT delivers KPIs for the well, asset and company with data sourced from iWIT's own database or 3rd party systems. A wide range of operations and production measurements can be applied against operational limits or risk-based criteria and a historical well timeline records events for the full well lifecycle.

WOOD GROUP



iWIT Notepad

Data

iWIT Implementations 2005-2015

12,000+ wells 15 countries

▶ **Minimum Hardware Requirement for iWIT Notepad**

- ▶ 1.5 Ghz Processor
- ▶ 1GB Available RAM (not virtual memory)
- ▶ 40Gb Available hard disk space
- ▶ Graphics Card Capable of minimum

Example layout of an iWIT well management overview

Used by operators in new and mature fields alike, iWIT is used in offshore and onshore, conventional and unconventional environments including shale, CBM/CSG, heavy oil operations and UGS. Wood Group Intetech engineers evaluate the full scope of your requirements and then define the architecture, functionality and rules that best match your business needs. We also assist or advise on the management and transfer of any legacy or historical integrity-related data or information that needs to be loaded.

Data

▶ Key Facts:

- ▶ The cost of well integrity issues to the oil and gas industry is estimated to be \$400bn a year
- ▶ Approximately half of well shut-ins and half of all workovers are due to operational integrity problems
- ▶ iWIT provides solutions for integrated operations and asset optimisation. Smart investments in assets and well integrity streamline your operations, lower downtime, increase production and reduce CAPEX and OPEX

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▶ iWIT Benefits

- ▶ Complete visibility of well integrity management processes
- ▶ Enhanced cash flow for oil and gas field operations
- ▶ Improved safety
- ▶ Early detection of well integrity failures
- ▶ Reduced incidence of well failure
- ▶ Support for proactive maintenance
- ▶ Identification of developing well integrity problems and trends
- ▶ Increased production and reduced number of well shut-ins
- ▶ Improved control of contractor activities

For examples of the broad range of scenarios where iWIT solutions have delivered value, see 'SPE 159441 Case Histories of Life Cycle Well Integrity Management using iWIT software' at www.intetech.com



