WellLink RT Service
Optimize drilling operations with real-time visualization and analysis of data

The Baker Hughes WellLink™ RT service optimizes the web-based delivery of advanced visualization and analysis of real-time drilling data regardless of the density of the data acquired. The web-based interface is easy to use and customize, graphically integrating data from different service companies and data sources such as LWD, mud logging, surface or environmental measurements in WITS0 or WITSML format.

Data visualization is available on mobile applications and on internet/intranet using Internet Explorer.

Maximize productivity at your desktop
The WellLink RT service delivers an optimal number of data points, independent of the data density or depth/time scales selected. The service includes an optimized database for real-time data and wired-pipe data volumes. It reduces bandwidth requirements through data compression.

Reduce time spent in managing data
The service provides seamless connectivity between your data sources and remote WITSML clients or third-party applications and interpretation packages, delivering standard implementation and development. WellLink RT supplies a vendor-neutral solution, optimized for Baker Hughes products and services that converts multiple sources of data at the wellsite to the WITSML standard.

The service fully integrates static well file management with real-time data streaming. It leverages two-way synchronization for collaboration between the office and the wellsite.

Applications
- Aggregation of real-time data at any wellsite from multiple sources
- Deliver data in real time to any authorized global user
- Deliver data in WITSML standard format from any location or operation

Features and benefits
- Secure data-delivery system
  - Encrypted delivery to authorized personnel, with audit trail
- Global infrastructure
  - Easy access through internet or in-country/company systems
- Mobile visualization app (mWLRT)
  - Access real-time data anytime, anywhere
  - Optimize decision-making
- Single login screen and well overview
  - Improved ease of use
- 24/7 customer support
  - Assure continuous data quality
- Real-time drilling optimization
  - Offset wells vs. real-time well comparison
  - Time vs. depth charts
    (LWD, MWD, SLS, and Drilling Parameters)
Real-time optimization of drilling parameters
The WellLink RT service optimizes operational decisions by continuously analyzing data to warn and inform decision teams. The WellLink RT PowerCurve widget provides a real-time indication of drilling system efficiency by plotting MSE v. ROP along with horsepower curves in both time and depth view. Additionally, the WellLink RT PowerCurves widget gives you the capability to view offset wells on the same screen as your real-time well. Offering easy analysis of formation, surface parameters, and vibrations, PowerCurves help you ensure power at the bit. They are useful in pre- and post-well analysis, as well as real-time optimization of drilling parameters and decision making.

PowerCurve showing Surface and CoPilot downhole MSE vs. ROP

Optimize connectivity
WellLink RT’s load-balanced systems enable collaboration and real-time decision making by authorized personnel regardless of location. Geographic redundancy virtually eliminates offline conditions. If remote connectivity is interrupted, the system will back-fill the data once the system has been restored.

Maximize compatibility
BEACON Global Services provides 24/7 technical support through the Baker Hughes Remote Operations Services BEACON™ platform, so that information from multiple well operations and multiple companies are delivered through one common system. All well, surface, and environmental information (weather and rig movement) are gathered in one common location for visualization.

Mobile WellLink RT
The Premium Plus service includes a mobile application to complement the browser-based WellLink RT. Real-time data can be accessed anytime and anywhere using the same, secure Baker Hughes login details. The application features a “My Wells” page with an executive overview of all entitled wells, alphanumeric displays with customizable alarms, a directional survey display, and log displays.

Contact your Baker Hughes representative or visit bakerhughes.com/WLRT to find out how to optimize wellsite operations with real-time visualization and analysis of data.