



# ForeSite FLOW



## Unprecedented flow intelligence with non-nuclear simplicity

Conventional flow measurement is a relic of a bygone era. Where there were once huge and costly test separators, infrequent snapshots of cumulative well flow, and data uncertainty, Weatherford brings you the world's first flow-measurement solution driven by Production 4.0 intelligence.

ForeSite Flow delivers full-range, non-nuclear flow insight for individual or group wells in real time. Built for every production environment from heavy oil to wet gas, this exclusive technology provides ultra-precise flow measurements for any fluid mixture without separation. By eliminating bulky test separators from the wellsite and erasing the nuclear-source management typically associated with inline multiphase flowmeters, ForeSite Flow reduces both capital and operating expenses while increasing well-test frequency and accuracy.

ForeSite Flow expands upon our field-proven VSR technology featuring its proprietary combination of Venturi, sonar, and Red Eye water-cut-meter measurements.

With ForeSite Flow, you receive powerful data that transforms flow measurement from expense to revenue driver. Intuitive dashboards display real-time flow data to reveal true reservoir behavior from any tablet or smartphone, anywhere in the world. Unrivaled flow-measurement accuracy gives you up-to-the-second data for any gas-to-liquid ratio. Digitalization capabilities automate well-test processes and validation. All combined, it's the ultimate flow intelligence with recommendations and projections to help optimize your lift and production strategies.

## OPTIMIZE WITH NEXT-GENERATION PRECISION

**ELIMINATES THE NUCLEAR SOURCE**  
for Superior Measurement Accuracy and Hassle-Free Operation

**REDUCES OPEX 70% PER WELL**  
with Simplified Maintenance and Enhanced Personnel Efficiency

**LOWERS CAPEX 40% PER WELL**  
with Reduced Upfront Costs, Small Footprint, and Easy Installation

**\$7.5M Saved Annually**  
Delivered an ongoing OPEX reduction for 50+ Middle East wells

**\$10M Saved**  
Reduced CAPEX costs for 10 wells in the South Pacific

**\$1.5M Saved**  
Reduced OPEX costs for an offshore Alaska well





## SPEND LESS AND SIMPLIFY

Slash your everyday expenses. Compared to traditional separation methods, ForeSite Flow delivers next-generation flow intelligence with less hassle, expense, and maintenance.

**Eliminates nuclear-source management** to simplify operations and reduce operating costs. Unlike other full-range multiphase flowmeters, ForeSite Flow requires no gamma densitometer or the associated paperwork, costs, and hazards.

**Reduces CAPEX** with a much smaller upfront investment than conventional test separators. Its compact and portable design significantly reduces wellsite complexity, lowers equipment costs, and shrinks pad-size requirements.

**Cuts OPEX and personnel requirements** with minimal maintenance and overall simplicity. It has no moving parts and no level-control issues, which removes the need for frequent calibration and reduces HSSE risk.

**Standardizes any well**, including those with corrosive fluids, high pressures, heavy oil, wet gas, and space constraints. Weatherized features include low energy consumption and tolerances that make ForeSite Flow suitable for solar power, cold weather, and desert applications.

## IMPROVE RESERVOIR MANAGEMENT

Get real-time well-performance data for the ultimate in production efficiency and optimization. ForeSite Flow delivers full-range flow measurement without test-separator weak points, such as gas carry-under, inadequate retention time, and the presence of emulsions, which can lead to erroneous data.

**Ensures unprecedented accuracy** with proprietary multiphase measurement technology that is unaffected by salinity, impurities, or transient slug conditions.

**Enhances understanding at the wellhead** for improved reservoir-management decisions through continuous, real-time data and sub-second resolution.

**Manages slugging** and GVF ranges from 0 to 100 percent with uninterrupted data that fluctuates between gas-dominant and liquid-dominant flows.

**Leverages Red Eye water-cut technology** that harnesses exclusive near-infrared (NIR) absorption technology to measure the full range of water cut from 0 to 100 percent.

## LEVERAGE PRODUCTION 4.0 INTELLIGENCE

Advance to the production asset of the future. Only Weatherford gives you an end-to-end flow-measurement solution that empowers you to capitalize on an easy-to-reach and plentiful resource – your data.

**Manages assets remotely** with real-time performance data and remote connectivity that enables off-site PVT loading, alarms, diagnostics, and more.

**Automates the well-testing process** through remote management and execution. It then validates the well tests and delivers production-management analysis and recommendations.

**Optimizes production** with early detection of issues such as water coning and casing leaks that can impact performance and lead to early well abandonment.

**Drives accurate reporting** to revenue partners and government agencies.

**Accesses and manages wells anywhere** using any desktop, tablet, or smartphone.

