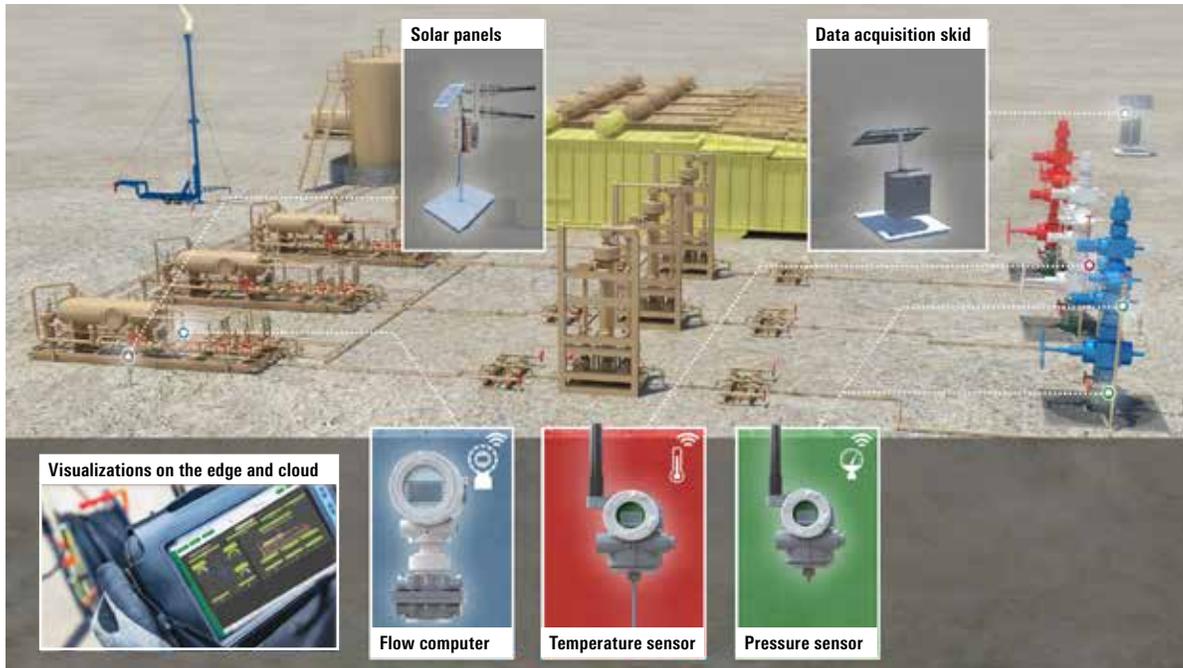


Flowback Wireless Advisory Platform

Real-time access to accurate flow rates and pressure during flowback operations



Flowback wireless remote advisory platform delivers accurate, real-time flow rates and pressures, eliminating periodic manual data delivery and human error.

Temperature rating:
-10 to 140 degF [-23 to 60 degC]

Pressure rating:
10,000 psi [69 MPa]

Applications

Unconventional well developments

How it improves wells

Flowback wireless advisory platform improves well testing operations with automated and wireless delivery of accurate, real-time flow rate and pressure data. That means you can track your flowback operation data anytime, from anywhere.

Reliable, timely, and consistent remote data collection ensures standardization and complete delivery of raw data, minimizing personnel on the jobsite, eliminating nonproductive time (NPT) associated with

data capture, and ensuring maximum data security. By helping maintain a steady hydrocarbon rate, the platform enables you to improve well performance and efficiency by avoiding damage to the formation due to extended flow interruption or well shut-in.

How it works

The platform incorporates reliable wireless flow computers, tubing temperature sensors, and tubing and casing pressure sensors that are easy to install and configure for capture of water, oil, and gas rates. An AgoraGateway* ruggedized edge computing device enables computing on location with maximum privacy and a cyber-resilient framework.

The platform enables visualization of current and historical data in multichannel plots that give context on an edge- or cloud-based dashboard. It includes on-demand report exporting, scheduled e-mail reporting to a distribution list, data storage and backups, and user management for internal and external users. Operators can set customized alarms for set points and thresholds in the event of adverse flow conditions.

What it replaces

Multiple daily manual data gathering visits and human error that can result in formation damage or extended flow interruptions.

Flowback Wireless Advisory Platform Specifications

Measurements	Flow rates: oil, water, gas Casing and tubing pressure Tubing temperature
Data network hardware	Class 1, Div. 1 measurement devices Temperature rating: -10 to 140 degF [-23 to 60 degC] NACE MR0175 and Non-NACE service
Wetted hardware	Pressure rating: 10,000 psi [69 MPa] Temperature Class U: 0 to 250 degF [-17 to 121 degC] NACE MR0175 and Non-NACE service

All specifications are subject to change without notice.