KBC

A Yokogawa Company

KBC Acuity Operations Monitor

Simplified Remote Asset Performance Assurance

KBC Acuity™ Operations monitor (OM), the modern successor to the legacy WellShare application, delivers real-time visibility and performance assurance for upstream assets—simplifying how operators collect, analyze, and act on production data across wells, fields, and facilities.

Built on the secure, scalable Yokogawa Cloud, it streamlines data collection, analytics, and decision-support delivery—without the need for on-premises IT infrastructure or capital-intensive maintenance.

By consolidating production data into a single source of truth, KBC Acuity OM empowers teams to detect issues faster, maximize uptime, and improve asset profitability.

Real-time insight. Unified control. Smarter decisions—anywhere.

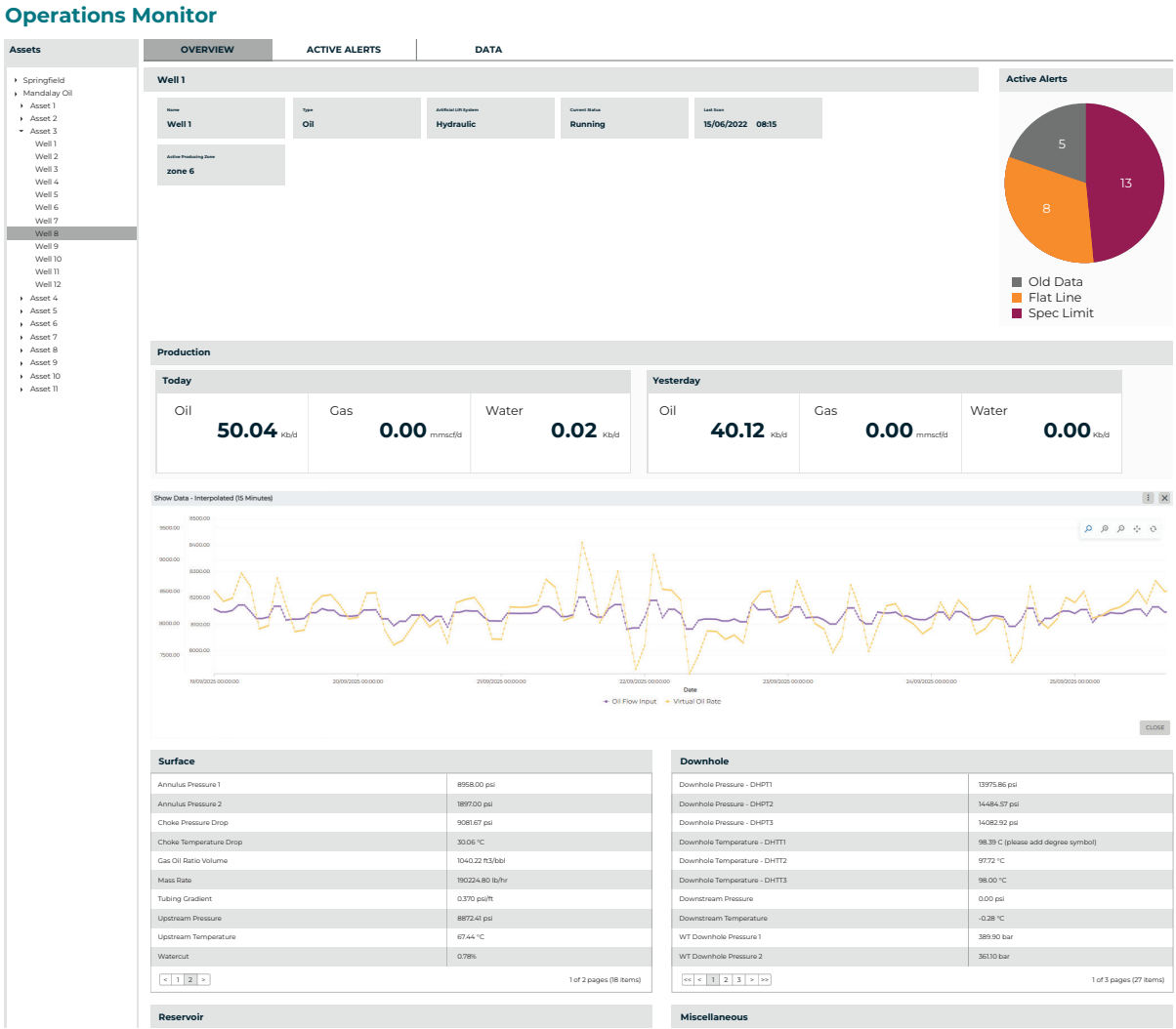
Bringing
DECARBONIZATION
to Life®

Improving Operations with KBC Acuity Operations Monitor

KBC Acuity OM connects securely to data historians, SCADA systems, and IoT sensors to consolidate well, flowline, and facility data into one intuitive cloud environment. This unified view enables engineers and operators to monitor production systems in real time—from individual wells to entire field networks—without manual reporting or fragmented systems. The result is faster decision-making, reduced downtime, and earlier detection of abnormal conditions.

Continuous, Scalable Production Monitoring

KBC Acuity OM delivers a single, web-based interface that brings live production, well, and equipment data into one consolidated view. Engineers and operators can track pressures, flow rates, and KPIs across dozens of wells on a single dashboard. By merging live feeds from SCADA, historians, and sensors into a secure cloud platform, KBC Acuity OM eliminates data silos and delivers a complete, real-time picture of field performance. See everything, act instantly, and improve uptime with confidence.



Intelligent Alerting and Proactive Insight

Color-coded indicators, performance trends, and automated alerts highlight deviations before they impact production. Engineers can instantly compare current and historical results, pinpoint underperforming wells, and validate flow stability without waiting for manual test reports. These intelligent visualization tools empower teams to detect issues early, optimize production, and reduce costly field interventions.

Ideal For

Streamlines cross-disciplinary collaboration to enhance production monitoring and decision-making across the asset lifecycle.

- **Production & Petroleum Engineers** for well-level optimization and allocation
- **Reservoir Engineers** for better forecasting and field planning
- **Operations Technicians & Managers** monitor flow continuously without extra hardware or frequent testing
- **IT/OT Teams** reduce costs and streamline integration across platforms
- **Executive & Asset Managers** improve production efficiency and reduce OPEX at scale

KBC Acuity OM provides real-time visibility and performance assurance across wells, fields, and facilities. Building on this foundation, KBC Acuity Virtual Flow Meter (VFM) extends monitoring deeper into the well. It delivers continuous, physics-based flow estimates without the need for physical meters. Together, they form a connected ecosystem for end-to-end production insight from surface to subsurface.

KBC Acuity VFM combines high-fidelity simulation, advanced analytics, and near real-time data fusion to enable well-level optimization, anomaly detection, and collaborative production decision-making across teams. Delivered as part of the KBC Acuity OM platform, it leverages the Maximus® simulator to integrate physical property models and deliver predictive insights with precision.

Advanced Capabilities

- **Sensor Integration:** Connects directly to IIoT field devices and data historians for near real-time monitoring of production conditions.
- **Allocation Support:** Tracks well-level flow dynamics to support accurate production accounting, reservoir performance analysis, and field-level diagnostics.
- **SCADA & Historian Connectivity:** Seamlessly integrates with PI System™, SCADA platforms, and existing infrastructure to unify data streams and operational context.
- **AI/ML-Ready Dashboards:** Built for future integration of machine learning models and advanced analytics, enabling predictive diagnostics, automated anomaly detection, and performance forecasting via intuitive visual interfaces.

These capabilities support scalable, enterprise-wide deployment—bridging field operations and corporate strategy with a unified, cloud-native digital twin framework.

Cybersecurity Commitment

KBC Acuity OM supports enterprise-grade security with compliance-ready infrastructure. KBC and its parent company Yokogawa prioritize security and safety, adhering to the highest global standards. Powered by the Yokogawa Cloud, KBC Acuity is protected by a multi-layer cybersecurity framework that safeguards client data, ensures compliance, and defends against digital threats.

With SOC 2® Type 2 certification and additional global credentials, every metric is secure, validated, and trustworthy.

Why KBC Acuity Operations Monitor

KBC Acuity OM transforms how upstream teams collect, analyze, and act on production data. By connecting secure data streams with intuitive visualization and smart analytics, it turns operational complexity into clear, actionable insight while Bringing Decarbonization to Life®.

Market Problems	Product Features
Flexible, Secure Data Collection	
Limited visibility into remote asset performance makes it difficult to track production health, identify underperforming wells, and validate test data across multiple assets.	Connect seamlessly to historians, SCADA, and IoT sources via secure APIs—aggregating well and facility data into a single, cloud-native platform without adding IT overhead.
KBC Acuity Portal	
Disparate systems and manual workflows slow collaboration and delay insights between field engineers, operators, and corporate teams.	Provides a unified, single-pane-of-glass environment for all stakeholders to visualize data, configure KPIs, and access reports at the well, field, or enterprise level.
Alerts and Notifications	
Delayed anomaly detection often leads to downtime, production losses, and costly field interventions.	Delivers self-configured, automated alerts with color-coded indicators to highlight deviations, detect issues early, and maintain uptime and reliability.
Consolidated Production View	
Fragmented data views create silos that obscure the full production picture and slow operational decisions.	Combines well, flowline, and equipment data into one comprehensive, real-time dashboard to streamline decision-making and improve operational efficiency.

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