



A Yokogawa Company

KBC Acuity Industrial Cloud Suite - Powerful Tools, One Environment

KBC Acuity™ Industrial Cloud Suite (KBC Acuity) integrates KBC's leading software and services to address energy transition, process optimization, value chain management, and asset optimization challenges. Offering secure access to real-time data and advanced analytics, it accelerates your digital transformation while minimizing IT infrastructure and associated costs.

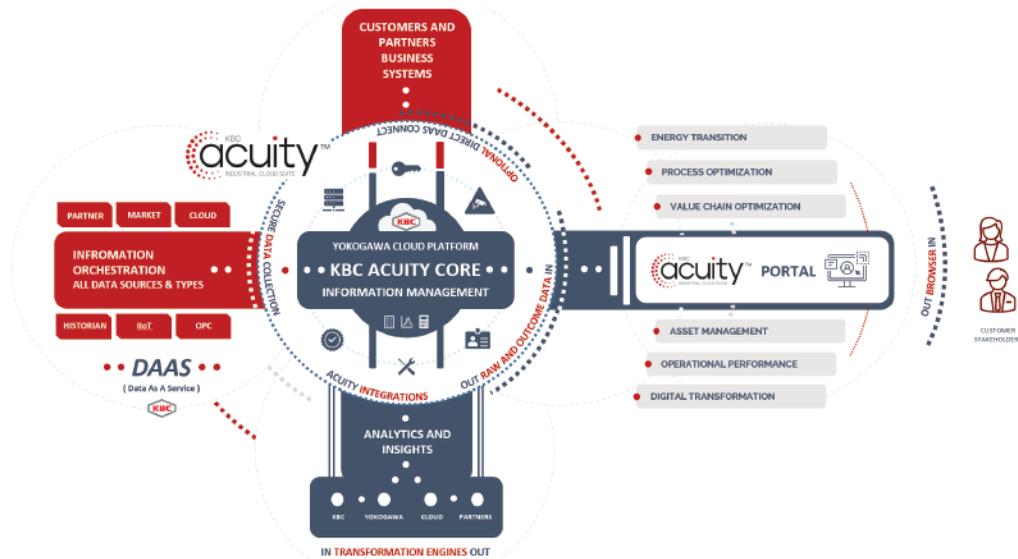
In an era of digitalization, embracing advanced technology is essential. KBC Acuity enhances B2B data sharing, automates work processes, and offers unmatched scope for integration. Our solutions are simple, scalable, and designed to drive significant business impact.

Bringing
DECARBONIZATION
to Life



Introducing KBC Acuity Industrial Cloud Suite

KBC Acuity, powered by the Yokogawa Cloud platform, offers numerous benefits to your oil and gas business operations. Experience enhanced scalability, seamless accessibility, robust security, and cost efficiency, all delivered through a flexible SaaS model. Our cloud-based technology enables businesses to tackle complex, integrated challenges. With KBC Acuity, analytics results are accessible to a broader range of users and processes, driving smarter, faster decisions across your firm.



Value

The key features and benefits of KBC Acuity are:

Data Management

Centralized platform shapes the large amount of data generated from production operations into valuable insights.

Single Pane of Glass

Visualizes the analyzed data and results on one screen to improve productivity, as searching and calculating data can occupy 70 percent of your time.

Analytics Tooling

Processes data in real-time or near-real-time, then augments it with smart alerts, basic and advanced analytics, simulation tools, and AI/ML data science for informed decision making.



Alerts Management and Framework

Provides early warnings of production anomalies in near real-time.

Native Integration of KBC Tools

Seamlessly integrates with KBC's simulation software - Petro-SIM®, Maximus®, Multiflash®, and Visual MESA® - for scalability and simplifying complex solutions.

Collaboration

Data driven companies need to easily collect, manage and share data from a wide range of sources. Then, the data may be consumed by internal stakeholders, analytics applications and business partners to create value.

KBC Acuity Solutions

KBC Acuity offers Oil and Gas upstream businesses an integrated environment for solving their key business challenges across the upstream value chain. Utilizing proven process simulation, real-time data analytics, and modern cloud infrastructure, digital twins incorporating advanced analytics can be deployed to monitor and optimize operations to deliver improved operational efficiency.

KBC Acuity Operations Monitor

KBC Acuity Operations Monitor provides foundational services for data collection, basic production analytics, visualization reporting, alerting, and seamless data sharing with partners and collaborators. Secure data collection and integration are accomplished simply and without complex and expensive to maintain IT infrastructure. The cloud native foundations of KBC Acuity Operations Monitor makes it simple to add advanced analytics, such as simulation models, that support decision making workflows – all in the same secure, easily accessible environment.

KBC Acuity Energy Emissions Twin

Take control of your energy use. This tool seamlessly integrates into a digital twin framework to continuously compare real-time energy data against optimal models. By identifying deviations, it allows operators to make timely corrections and enhance energy efficiency while reducing Scope 1, 2, and 3 emissions.

KBC Acuity Digital Process Twin

KBC Acuity digital twin technology is based on proven KBC engineering tools artificial intelligence, and machine learning that integrate seamlessly in the KBC Acuity digital platforms to create complete solutions. Now engineers can model, analyze, optimize, manage and scale upstream operations with precision. Model production assets, implement flow assurance, add KBC Acuity Virtual Flowmeter and model key equipment items as an integrated system to meet operations and analytics decision making workflow requirements.

KBC Acuity Process Twin Pro

An advanced version of your digital twin with auto-tuning capability that adds value by keeping models up-to-date to meet production plans. This cloud-based, AI-powered application continuously monitors the health of your digital twins in real time to optimize efficiency, profitability, and sustainability.

KBC Acuity Addresses Your Biggest Challenges

Ignite industrial efficiency and innovation with integrated solutions. By combining advanced technologies and services, we help refiners optimize energy production, elevate operational performance, and streamline your entire value chain.

Energy Transition

Designed to optimize your energy production, enhance efficiency, and integrate renewable energy sources.

Operations Performance

Assesses and enhances the efficiency, effectiveness, and reliability of industrial processes and systems.

Value Chain Optimization

Improves the entire value chain within industrial operations by leveraging advanced analytics, process simulation, and digital tools to enhance efficiency, reduce costs, and maximize value across production and distribution.

Asset Management

Improves the reliability and performance of energy assets through predictive maintenance and advanced monitoring solutions.

Process Optimization

Enhances the efficiency and performance of existing energy systems through advanced analytics and simulation technologies.

Digital Transformation

Implements digital tools and platforms that enable real-time monitoring, data analysis, and decision-making to support sustainable energy practices.

Cybersecurity Commitment

KBC and its parent company, Yokogawa, prioritize security and safety, adhering to the highest global security standards. Our multi-level, cloud-based cybersecurity network protects your infrastructure and operations against threats while ensuring compliance and governance regulations.

