AMBIT Asset Decision Solutions
Stop working for your data and let the data work for you
The old-style digital oil field just doesn’t work

Cross-platform systems now simplify data management, enabling you to access quality information when and where you need it. With the right data in the right hands, you can make on-time, smart decisions to protect your assets and optimize production.

New systems offer significant advances:
- Quality data—organized and in context
- Real-time feedback—helping you make the right decision right now
- Outstanding reliability—web-based, secure, cross-platform performance
- Mobile and IT-ready—so you can stop making IT requests and start making better decisions

But the next generation does
AMBIT asset decision solutions

AMBIT™ asset decision solutions combine leading technology, accomplished experts, and commercial strategies to balance production rates and costs while improving ultimate recovery and reducing risk. Real-time production intelligence can be collected and processed around the clock, analyzed, and shared across experts and assets so you can make better decisions to improve production performance. AMBIT solutions are secure, automated, streamlined, and predictive—supplying the information you need at the right time to make the best decisions.

am·bit  

noun

1. circuit

2. A sphere of operation or influence; range; scope

3. solutions to protect your production assets
Baker Hughes starts with a scalable production software platform built on years of engineering experience, industry-standards consortium collaboration, and effective production data acquisition, control, and communication. This high-volume data platform manages massive data loads with intelligent compression, and contextualizes information so it can be directed and accessed where needed.

Flexible architecture supports a wide range of deployment scenarios, including embedded field data acquisition and communication systems, giving you access to real-time production and asset data from any location with an Internet connection.

The solution is cloud-based (proprietary, private, or public), and offers secure and efficient data management options. Now you can:

- Access contextualized information
- Find structured and unstructured data quickly
- Log in from anywhere, anytime, including from mobile devices
- Spend less time calling the IT helpline
- Personalize your user experience
- Build custom workflows, reports, and plans for your assets and goals
- Use a single application to manage filtration, compression, signal conditioning, and data quality
Domain-focused expertise

AMBIT asset decision solutions bring together experts from across disciplines and enable them to share knowledge and enhance production assurance. From downhole data collection, to processing and analytics, to physical and human networks, Baker Hughes provides the platform and information management architecture needed to drive intelligent, collaborative decisioning. AMBIT asset decision solutions provide:

- A network of experts in data acquisition, information management, reservoir and field optimization, and hydrocarbon production
- Advisory and data interpretation services
- Knowledge sharing and data flow capabilities
- Collaborative workflows and procedures
- Research and development (R&D) dedicated to advancing field automation, user experience, and data integration, management, and interpretation
- Custom asset monitoring and control solutions

Flexible deployment and commercial options

AMBIT asset decision solutions are built on a flexible platform that adheres to both oil and gas and IT data standards. With multiple possible configurations, you can use your own local or cloud-based data repositories, or Baker Hughes can securely host the system on cloud-ready data centers.

Whether you prefer to access the system on a subscription basis or through perpetual or enterprise license agreements, Baker Hughes has a commercial option to fit your business requirements.
Technology, analytics, and expertise work together to create a constantly improving production ecosystem that gets smarter and more efficient with time. Each piece of the system feeds off the next to improve your decision making, helping you strike the delicate balance between extending asset life and maximizing production.

**AMBIT solutions help build a healthy production system**

Intelligent systems use advanced sensors, controls, and software applications to connect you to well data like never before, helping you better understand the formation, the reservoir, and production.

The Baker Hughes processing and management platform analyzes data against existing production and recovery models, and feeds it into algorithms to continuously increase the type and number of solutions previously buried inside large volumes of data.

Experts work to further understand data sets and analytics, then use what they learn to achieve better results through constant improvement to systems, processes, and technologies.
Partnering with Baker Hughes gives you the streamlined data and expertise you need to make on-time decisions to protect your assets and drive production.

With constant pressure to increase production, improve efficiencies, and reduce risk, you need a dependable partner that can aggregate, process, interpret, and refine data into actionable information. AMBIT asset decision solutions offer production ecosystems that combine intelligent devices, systems, and decisioning to optimize asset performance and value while enhancing ultimate hydrocarbon recovery.

Visit BakerHughes.com/AMBIT to learn more about the latest changes in asset and field management.