



INTEGRATED PRODUCTION AUTOMATION DIGITAL SOLUTION

ABB Ability™ Wellhead Manager and Enovate Upstream's ADA AI™ Production Series have partnered up to create Integrated Production Automation (IPA), a fully automated and scalable digital oilfield solution. Our IPA solution maximizes the value of assets by connecting field operations with automated reservoir and production engineering workflows via ABB's Ability Wellhead Manager and Enovate's ADA AI™ Digital Platform.

IPA is a cloud-based solution that provides energy producers insight into onshore upstream production assets. This includes reservoir analysis, using a cloud-based supervisory control and data acquisition system (SCADA) and predictive analytics platform from anywhere, any time, on any device.

IPA is backed by artificial intelligence (AI) technology and fast physics-based models. When combined, it gives customers the opportunity to understand reservoir and well performance in real time. Enabling better decision-making while providing financial performance assessment and capital management.

Key benefits of IPA:

- Cloud-based multi-disciplinary collaborative environment
- Real-time automated workflows for production optimization and forecasting
- Integration capability with commercial production optimization packages, such as PETEX® GAP™
- AI-based prescriptive maintenance for artificial lift systems

As demand for digital automation continues to increase, ABB and Enovate Upstream are creating an opportunity to further advance the collective goal of digital transformation. The combined expertise of the two entities aligns core beliefs that collaboration and digitalization are necessary for project value improvements across the energy sector.

OPERATIONS

- Production asset management
- Digital production platform for enterprise Dintegration
- Field device agnostic
- Embedded mobility
- Scalable and adaptable cloud architecture
- Cyber security by design
- Autonomous control

RESERVOIR

- Accurate, fast, and scalable production workflows
- Seamless integration between reservoir and wellbore models
- Accurate financial performance metrics
- Intuitive real-time production and financial KPI's
- Advanced data analytics and artificial intelligence

PRODUCTION

- Fast and accurate estimation of downhole conditions
- Virtual flow metering and production back-allocation
- Assessment of artificial lift performance
- Prescriptive maintenance of electric submersible pump (ESP) lift systems

FOR MORE INFORMATION ABOUT ENOVATE UPSTREAM



FOR MORE INFORMATION ABOUT ABB

