ABB

The Spirit^{IT} Power Package
Solutions with Flow-X & eXLerate

Measurement made easy

Power Package
Combining the best

A Power Package is a pre-engineered automation solution based on the seamless integration of the Spirit IT Flow-X and eXLerate platforms.

Rich functionalities
Each Power Package comes fully loaded with application-specific, rich functionality and delivers the highest performance and best quality – an optimal Value Proposition for our users.

Cost-effective
Our packaged solutions are cost-effective. No duplicate configuration work or project-specific custom programming experiments, hence testing time is reduced and the trouble-shooting of issues is made easier. Since they are already implemented, tested and delivered, a repeatable and proven solution is achieved.

Continuous improvement program
Protect your investment ABB applies a continuous improvement program for all its products. We ensure full support and compatibility between our products and applications today and more importantly, in the future.

Great support
Best in documentation, training and support. All Power Package components are 100% developed, tested and supported by ABB. You are backed up by the ABB development and technical support team.
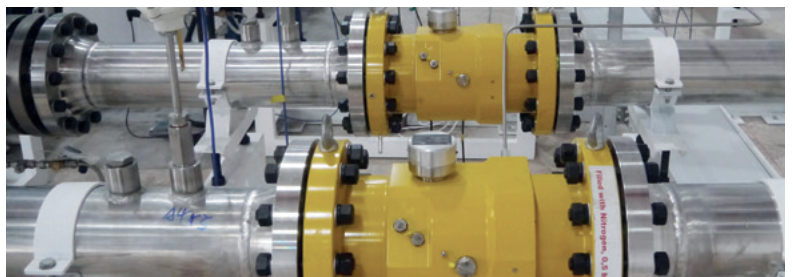

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Flow Metering
Fully Complete, Custody Transfer metering control systems with comprehensive functionality including true redundancy, comprehensive HMI, reporting, diagnostics and CBM (Condition Based Monitoring), VFC (Virtual Flow Computers), integrated instrument validation, flow computer report archive, and much more.

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Crude Gathering
The Spirit IT eXSite™ Product Suite is especially developed for LACT applications. It includes control, driver verification, electronic run tickets, HMI, meter diagnostics, proving and more. The Spirit IT eXSite™ Product Suite includes an available corporate database server, with a web-based portal for centralized audit trail, diagnostics and ticket data repository.

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Calibration Management
Complete solutions for calibration laboratories providing accurate meter pulse measurement, elaborate calculations, meter calibration, operational control, data management, certificate generation and data repository and compliant with ISO17025.

Full control from top ....
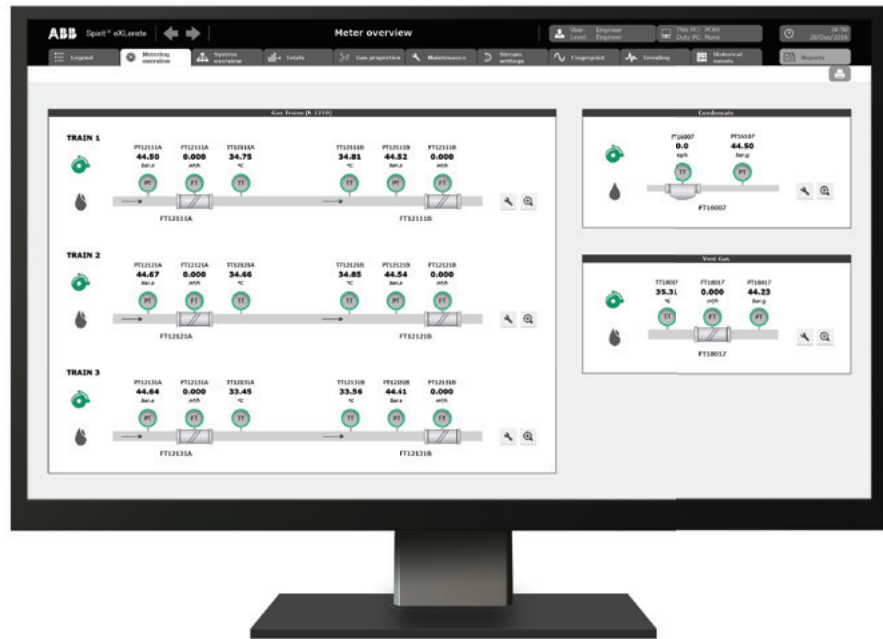## Spirit^{IT} eXLerate supervisory software

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Field-proven: Spirit^{IT} eXLerate has a large installed base in oil and gas measurement

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Synchronization of all actual and historical data between servers and clients

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Excellent technical support from ABB engineers who have extensive experience and expertise in many end-user applications.

Spirit^{IT} eXLerate is ABB's software platform to automate flow metering, crude gathering and flow calibration systems

System integrators and end-users share a need for accurate, secure and cost-effective automation solutions. eXLerate offers a comprehensive set of tools for the implementation of Human Machine Interface (HMI), supervisory control and measurement data management solutions. In the critical environment of custody transfer of oil and gas assets, redundancy is an essential feature. eXLerate offers fully synchronized and integrated redundancy, guaranteeing a consistent environment.

Key Features
• Accurate and flexible communication with measurement equipment
• Searchable measurement and audit historical data
• Sophisticated and flexible oil and gas production reports
• Extensive set of flow and fluid property calculations
• Embedded Virtual Flow Computing (VFC) functionality
• Integrated instrument Validation & Calibration functionality
• Fully integrated with the familiar MS Office™ environment

... till bottom
Spirit^{IT} Flow-X flow computer series

ABB challenges traditional flow-measurement technologies with a unique concept. The modular Spirit^{IT} Flow-X series offers advanced measurement technology together with powerful and flexible computation and communication capabilities.

The Spirit^{IT} Flow-X series is designed to compute and control liquid and gas flows to the highest measurement standards. The series is based on powerful single-stream modules, which can be combined in racks of up to eight. Each module offers real-time digital and analog signal processing, supporting the custody transfer of crude oil, natural gas, refined products, special gases and steam, among others.
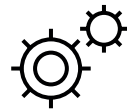
Key Features
- Highest degree of measurement and computational accuracy
- Complete gas and liquid applications in both metric and US units
- Certified in compliance with major international standards
- Multiple enclosure options, ranging from cost-effective to full-fledged
- Wide range of inputs, outputs and communication interfaces
- Large color touch-screen interface and on-board storage (1 GB per module)
- Highly secure embedded web server
- Unique emulation capabilities for seamless and cost-effective integration
- Personal user names and passwords for true traceability
- Unsurpassed software capabilities, flexibility, security and transparency
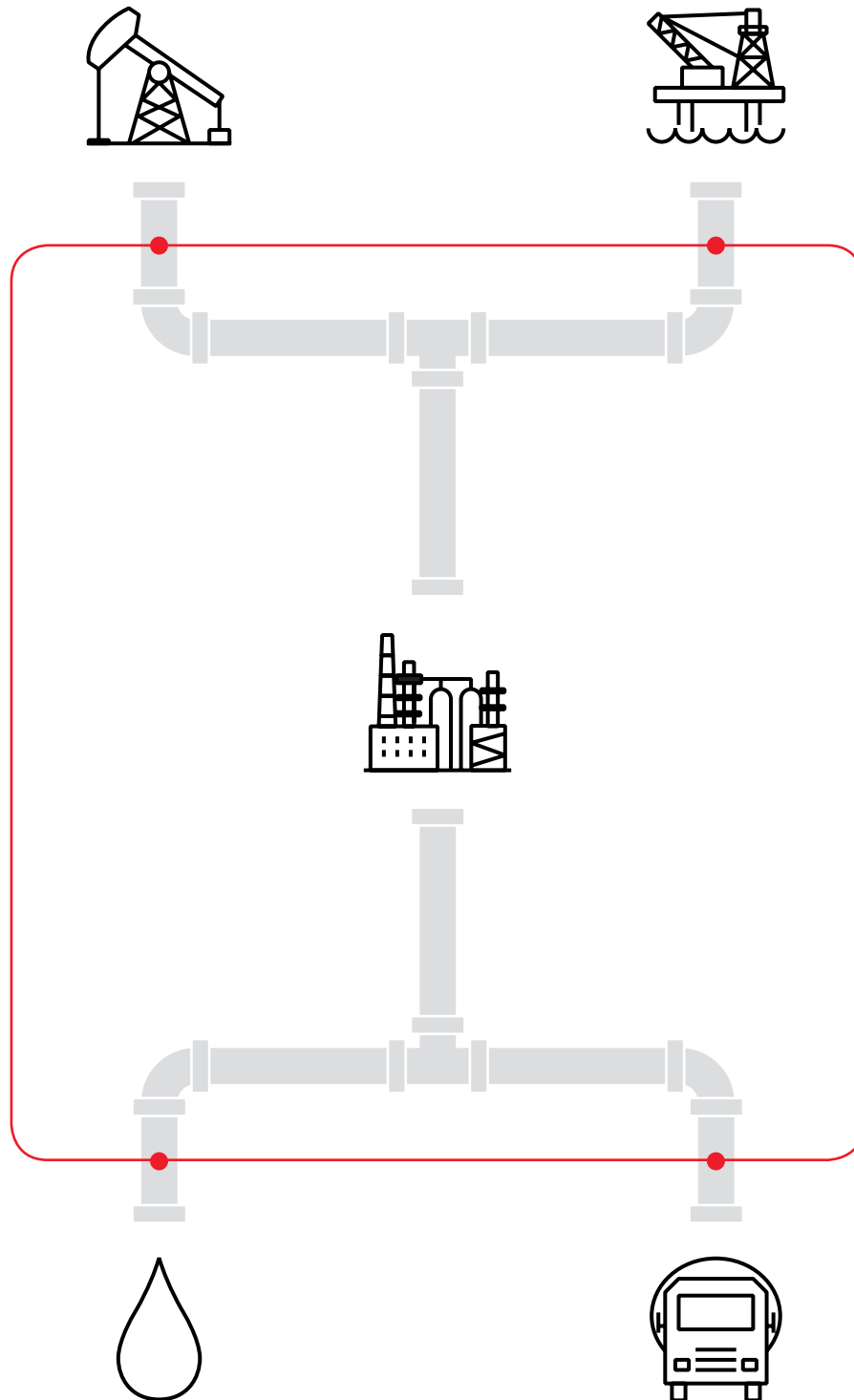
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Two-fold interface: User friendly touch-screen and remote Ethernet web connection.

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Web server interface with identical (multi-lingual) functionality.

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Includes the powerful Flow-Xpress configuration software, for easy configuration of vital parameters and custom features, and diagnosis of measurement data and computations.

THE COMPLETE PROCESS

The Power Package enables you to maintain a precise overview of your product(s) throughout the entire process chain, all the way from meter to invoice.

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