

PRODUCT DATASHEET

Commercial Gas Applications

Comprehensive toolset to manage commercial activities for gas pipeline transporters and shippers

CGA interfaces the facilities and manages all commercial activities involved in production, transportation, storage and delivery, providing an end-to-end solution for leading gas pipeline companies and shippers.

CGA enables companies to conduct business in an entirely web-based environment using a reactive interface that provides a desktop-like experience inside standard browsers.

CGA supports easy two-way communication between shippers and the Pipeline Company. CGA deployment can be either on-premise or in public cloud environment. In either case, security architecture ensures that access is only granted to authorized users.



Comprehensive Value Chain Management

CGA leverages data from one area to empower other areas. For example, the system automatically augments data from the gas measurement and scheduling systems with field device measurements to calculate daily volumes and inventories. This makes it easy to generate customer balances and invoices.

Numbers generated here automatically flow into the financial accounting system, adding speed and accuracy as well.

CGA transforms reporting processes from slow batch processes to exception-based, real-time processes.



Flexibility

Easy configuration and customization – contract properties and business rules for nominations, tariffs, and other calculations are highly configurable and customizable.

Take advantage of the enhancements in new releases without rewriting your custom programming. To simplify the upgrade process, the system stores visual style elements and descriptions, vocabulary mappings, and business formulas as data points instead of embedding them in the programming.

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Integrated Portal

All-in-one portal for operator and customer interactions, system management and master data configuration



Contract Management

Execution information of Transportation, SPA & Service contracts



Capacity Management

Primary Capacity Booking and Allocation
Secondary Market Transaction



Nomination

Prioritize nominations for constrained capacity, following regulation rules and industrial standards



Measurement

Track transportation and storage quantities including receipt/delivery, line pack, tank inventory, and imbalance



Allocation

Distribute measured quantities with rule-based formulas to contract allocations and balance accounts



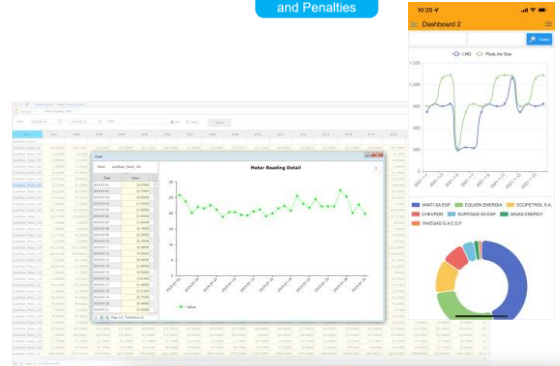
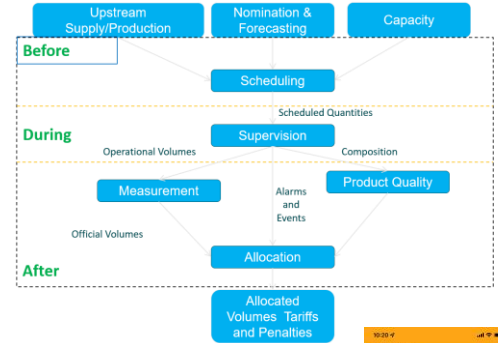
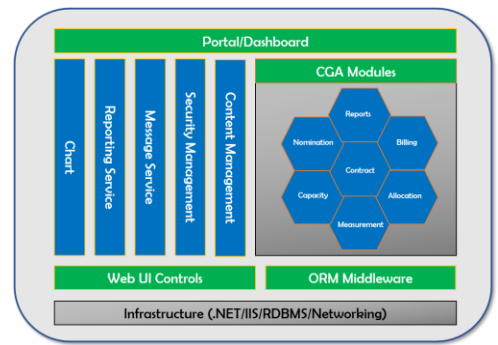
Settlement

Payment Advice generation, approval, adjustment, reverse, accounting system interface



Mobile

PWA Hybrid App, rapid development, look and feel of native app, zero footprint



Platform Supported

Windows/Linux/macOS
.NET 4.8 / .NET Core 6+
SQL Server/MySQL/Oracle/PostgreSQL
On-premise/AWS/Azure

