

COMMERCIAL AND TECHNICAL STORAGE MANAGEMENT FOR NATURAL GAS STORAGE OPERATORS

gas-x¹®



Natural gas storage facilities and storage operators (SSO) are an **integral part of the gas market**.

The market for controlling and balancing energy and the Guidelines for Good Third Party Access Practice for Storage System Operators (GGPSSO) are both key factors in organising the market for storage capacities.

These new market conditions have a major impact on the number of storage customers, the duration of storage contracts and the way storage products are represented as well as how storage accounts are managed.

GAS-X Storage by Sopra Steria Consulting is an all-in-one solution for all your commercial and technical storage management needs. Plan, fulfil and manage commercial storage capacities per customer, storage facility, network connection or contract. Monitor the technical parameters of your storage facilities.

The solution

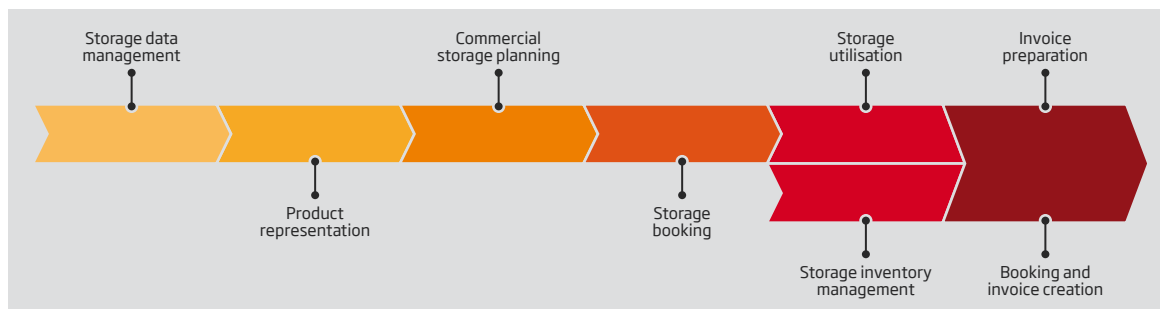
Rely on GAS-X Storage to plan storage products as well as storage marketing and to conduct storage transactions with gas traders. Manage your commercial and technical storage data as well as all your storage capacity bookings. Manage the accounts of your customers up to network level and use the data to generate highly informative reports for your customers or institutions.

It's all at your fingertips

GAS-X Storage provides diagrams that make it easy to monitor the utilisation of your storage facilities based on marketed and marketable storage capacities. Monitor storage load per customer account by importing nomination data and use GAS-X Billing to charge for the storage utilisation.

Storage expansion products

GAS-X storage enables you to save current and future storage projects. Monitor the development of your projects based on technical parameters and investment data.



Storage management features

Product planning and product marketing with the storage model

- Record commercial and technical master data
- Control product marketing by introducing technical characteristics for injection rates and withdrawal rates depending on the working gas volume
- Let prices adjust automatically on a target date based on index references within a defined fee
- Define and assign bundled and unbundled storage capacities to storage facilities

Contract model

- Create representations of storage contracts and storage contract elements
- Set automatic calculation of fees for specific contract terms
- Use the escalation feature to adjust prices centrally for all contracts

Storage capacity model

- Aggregate marketed storage capacities per storage, customer, contract or network connection
- Manage commercial and technical storage based on processed nomination data and mapping of resulting storage capacities per customer account
- Fuel gas determination and processing of technical parameters as hourly, daily or monthly values

Invoice preparation

- Consolidate storage capacities for invoicing purposes
- Use the contract model to prepare the invoicing process

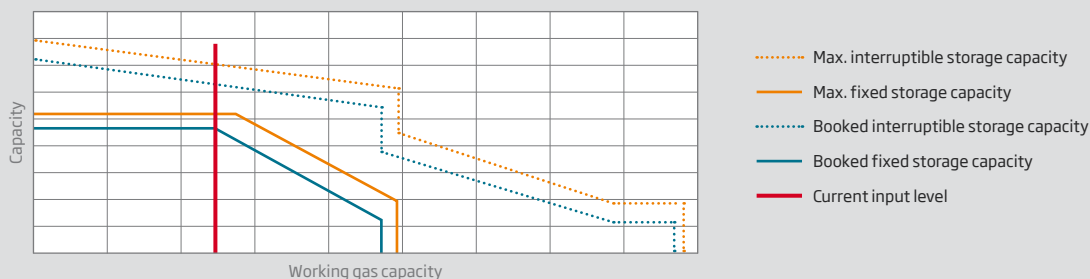
Booking and invoice creation

- Determine fees per contract element based on the term and marketed storage capacity
- Calculate variable costs depending on nominated storage entry and storage exit quantities
- Consolidate storage contract elements in invoice definitions
- Prepare invoices for downstream systems such as GAS-X Billing

Storage technology and storage project status

- Map of active and planned storage projects and expansion stages with technical parameters, curves and investment data as well as historisation and versioning for a complete documentation

Example: Commercial storage curves



About Sopra Steria
(www.soprasteria.com)

Sopra Steria, a European leader in digital transformation, provides with more than 37,000 professionals in over 20 countries one of the most comprehensive portfolios of end to end service offerings in the market: Consulting, Systems Integration, Software Development, Infrastructure Management and Business Process Services. Sopra Steria is trusted by leading private and public organisations to deliver successful transformation programmes that address their most complex and critical business challenges. Combining high quality and performance services, added-value and innovation, Sopra Steria enables its clients to make the best use of information technology.

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