# Capacity marketing and transport handling teamed up

## Standardisation of processes for gas transportation

System operators continuously face changes emerging from the standardisation of processes for gas transportation. They are required to adjust their business processes to **fluctuations in capacity marketing** as well as the latest cooperation agreement. They must also assume financial **responsibility towards authorities** by adhering to schedules and data quality requirements in daily processes such as dispatching allocation data in due time.

As a result, the overall process has significantly **increased in complexity**, particularly for system operators. Further **changes in European regulation and harmonisation** are already visible.

## Integrating IT as a factor for success

**Increasing complexity** and **higher data volumes** in combination with the requirement to meet schedules in hourly processes present **new challenges for system operators regarding**
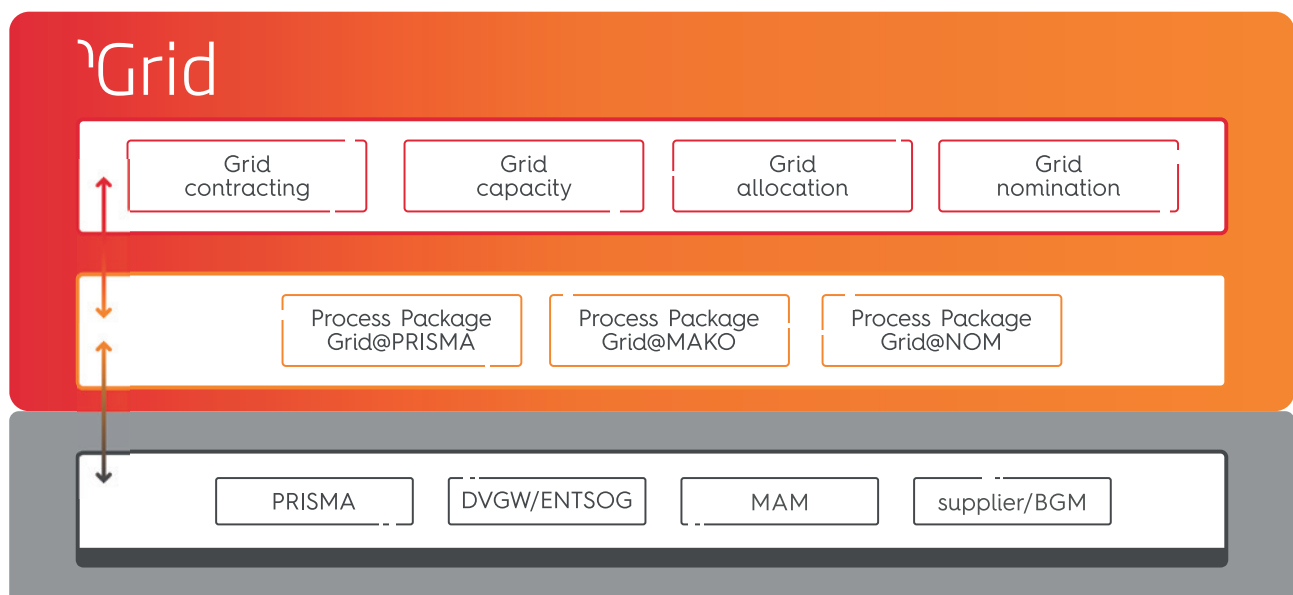
**process automation, processing efficiency and transparent monitoring**. Market participants must be provided with different data in different qualities at different points in time and on time.

System operators play a key role in this complex market process. The overall process comes to a halt if the necessary data determined by the system operator are not provided to gas shippers and market area managers.

The costs incurred may lower profits and may not be part of the regulating fee. The outcome is a prospective direct cost risk for system operators, only manageable with efficient IT and automated processes.

## Integrating solution GAS-X Grid – specialised module for system operators

With GAS-X Grid, Sopra Steria connects measures for the necessary optimisation of implemented market processes with the extended requirements of the German Federal Network Agency and European harmonisation. GAS-X Grid executes all main market processes in energy data management via a uniform system and contract model.



Grid

| Grid contracting | Grid capacity | Grid allocation | Grid nomination |

| Process Package Grid@PRISMA | Process Package Grid@MAKO | Process Package Grid@NOM |

| PRISMA | DVGW/ENTSOG | MAM | supplier/BGM |

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## GAS-X Grid features:

_ Management of all contracts, balancing groups, gas distribution points and energy data

_ Management of transport capacities in the commercial network model

_ Direct connection to all European marketing platforms: PRISMA/GSA/RBP

_ Support of capacity marketing via auctions and FCFS booking

_ Support for case groups and declaration processes

_ Allocation of quantities for gas shippers and balancing groups

_ Surplus and shortfall quantities determination

_ Grid account management and monitoring

_ Billing preparation (fees and quantities determination)

_ Technical market communication (for GABi Gas, GeLi Gas, KARLA Gas, etc.)

_ Technical market communication via GAS-X APM (EDIFACT reception/dispatch, CONTRL/APERAK, additional workflows, monitoring)

_ Design as a highly available 24/7 system architecture

## Discover the benefits of GAS-X Grid:

_ Comprehensive solution portfolio for transport system operators dealing with contract, capacity and energy data management

_ Resolution of data redundancies (network model, capacities, partners, business transactions, fees)

_ Consolidated system solution with close interaction of marketing, settlement and billing processes

_ Release of contract, capacity, declaration and transport quantity figures for the participating market partners and customers with an integrated portal solution

_ Increase of process quality due to fewer system interfaces

_ Increase of reliability by reducing the number of required IT systems

_ Increase of data quality through integrated market communication

_ Increase of efficiency by process automation

_ Modern, service-oriented, scalable GAS-X system architecture

Connect automated specialised processes directly with the necessary market communication processes in import and export using GAS-X Grid. Central monitoring ensures transparent supervision of marketing, EDM and communication processes which have to be performed daily by system operators. Provide data to market participants and gas shippers such as time series and documents via an integrated web portal.

Main upstream interfaces include the energy determination system for providing energy quantities per metering point and nomination management for receiving transport nominations. GAS-X Grid comprises a detailed billing system and an automated interface to GAS-X Billing for issuing invoices to gas shippers and market area managers.

GAS-X Grid accompanies you on your journey to a European domestic market today and in the future and enables you to react optimally to the upcoming standardisation of national and European regulations.

# Benefit from our experience for your success

As one of the leading companies for management and IT Consulting, Sopra Steria provides one-stop concepts, solutions and services for companies of the energy market. GAS-X is the leading IT product for handling the core processes of different market roles in the transport and supply sector. Our teams of experienced consultants are capable of meeting your requirements quickly and precisely.

gas-x ®

ener-gx ®

## About Sopra Steria

As a leading European management and technology consulting company with 46,000 employees in 25 countries, Sopra Steria supports its clients in driving the digital transformation and achieving concrete and sustainable results. Sopra Steria offers comprehensive end-to-end solutions including consulting, digitalisation and software development that make large companies and government agencies more competitive and efficient – based on in-depth industry expertise, innovative technologies and a collaborative approach. The company puts people at the centre of its activities to take advantage of the vast potential of digital technologies and creating a positive future for its customers.

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