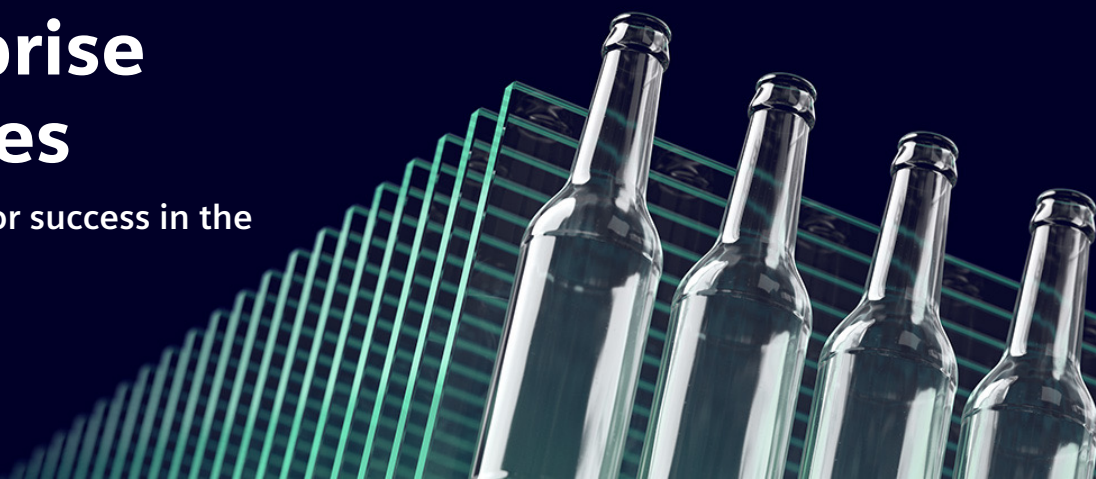




Digital Enterprise Services

The formula for success in the
glass industry



The Challenge

In the past years, glass has increasingly gained importance in our lives – and this trend will continue in the future. Although the actual glass production has not changed in years, the plant productivity is a crucial factor for success among global competition. Machines and plants must run continuously and reliably, so that you are able to meet requirements quickly, flexibly, efficiently and with the highest quality. The challenges facing manufacturing companies are as diverse as the products they produce.

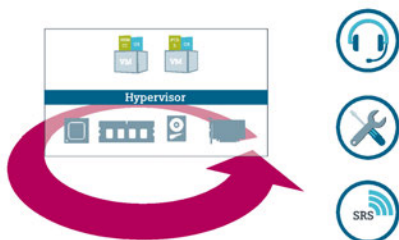
The Solution

With our comprehensive range of services, we support you in the glass industry with our unique service and support offering to ensure and optimize the plant availability throughout the entire lifecycle.

SIMATIC Virtualization as a Service

offers a preinstalled and preconfigured virtualization system with all associated hardware and software components, including the necessary lifecycle services like spare parts and online support – all perfectly coordinated and from a single source.

SIMATIC Virtualization as a Service



Managed System Services

are modularly structured lifecycle services that focus on providing comprehensive system support with innovative and proactive contents.

The core of this portfolio element consists of a comprehensive system inventory, centralized coordination of all service activities by a Support Manager, and regular reports. A setup is performed to obtain precise knowledge of the products and systems in use and their lifecycle status.

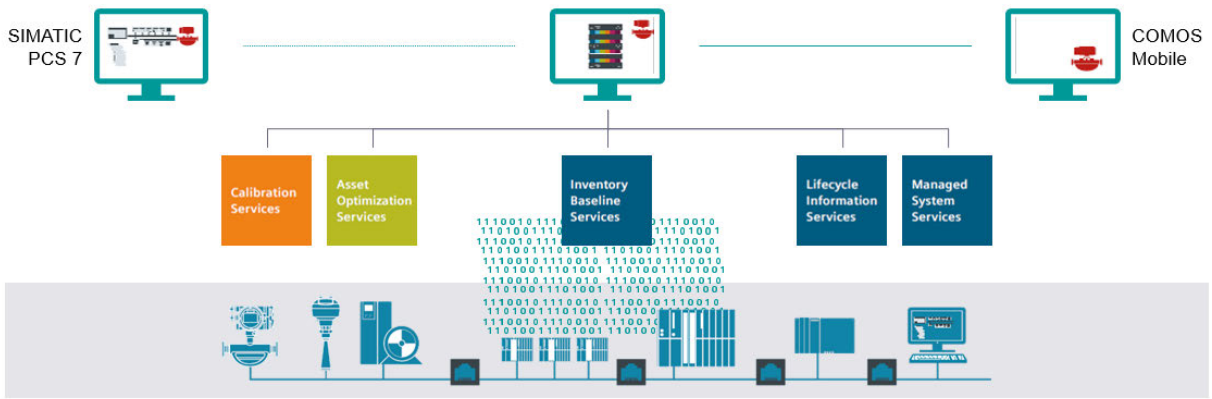
The current service organization, relevant partner companies, and existing maintenance processes and plant documentation are also included.

After the completion of setup, information on service execution, communication, and IT access are supplied, along with an initial Lifecycle Status Report.

Advantages of Digital Enterprise Services

- Reduced expenditures for system upgrades/updates
- Optimization of plant availability
- Guaranteed serviceability
- Long-term investment protection
- Predictability and reduced modernization and service costs
- Project management from a single source for the entire contract term

Lifecycle Management Suite – based on COMOS MRO



The **Lifecycle Management Suite** based on COMOS MRO creates a consistent database with a fully digitalized workflow across all functional levels and systems – including on-site on mobile terminals. The LMS lets you plan, implement, and document all service activities based on a smart mapping of system data that includes maintenance objects, system and lifecycle status, product data, and service standards – all in a single database.

Power Control Integration Services enable a flexible, homogeneous integration of electrical switchgear with devices for protection and control functions in small plants into the SIMATIC PCS 7 process control system via software.

They also permit performance-oriented integration into existing systems using additional hardware. This is performed independent of the protection devices' manufacturers by applying the IEC61850 standards.

Advantages of the Lifecycle Management Suite

- Reduced maintenance resources and costs
- Current lifecycle status of products and systems
- Orders can be accessed, their performance documented, and feedback given at any time by uploading to the Lifecycle Management Suite via tablet PCs

Advantages of the Power Control Integration Services

- Simple, end-to-end integration of IEDs, from the field level to the operator station
- Integration of Siemens switchgear and protection devices as well as devices from third-party manufacturers
- Professional service concept that's optimally adapted to your individual requirements

Available Service Portfolio	Additional Information
Managed System Services	siemens.com/mss
SIMATIC Virtualization as a Service	siemens.com/sivaas
Lifecycle Management Suite	siemens.com/lms
Power Control Integration Services	siemens.com/pcis

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