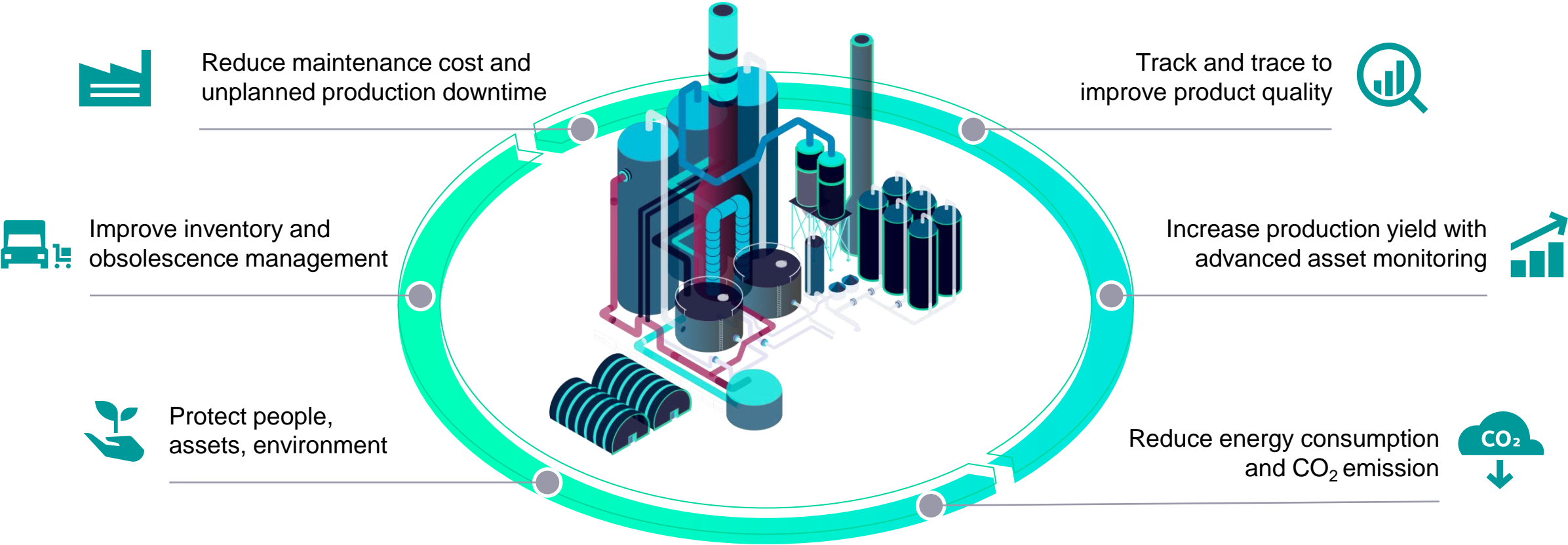


Lifecycle Management Suite

Optimal plant maintenance
with Lifecycle Management Suite



Maintenance of the DCS system is essential for the efficiency, upgradeability and availability of a plant and therefore the key to sustainable production



Optimal plant maintenance with the IT-based Lifecycle Management Suite

Operative challenges

- Compliance with the lifecycle maintenance strategy while optimizing the use of resources and costs
- The current status of the installed products and systems needs to be known at all times, in particular information on obsolescence
- Documentation on the performance of product-related services
- End-to-end data platform for comprehensive maintenance
- Use of innovative digitalization technologies in maintenance
- Updating of plant documentation in compliance with regulations

Optimized plant maintenance in terms of planning, implementation, and documentation of all service activities.

Required solution



Fast provision of all functions – with no installation or maintenance effort



Full transparency through regular evaluations of lifecycle and system status information, e.g., on obsolescence risks



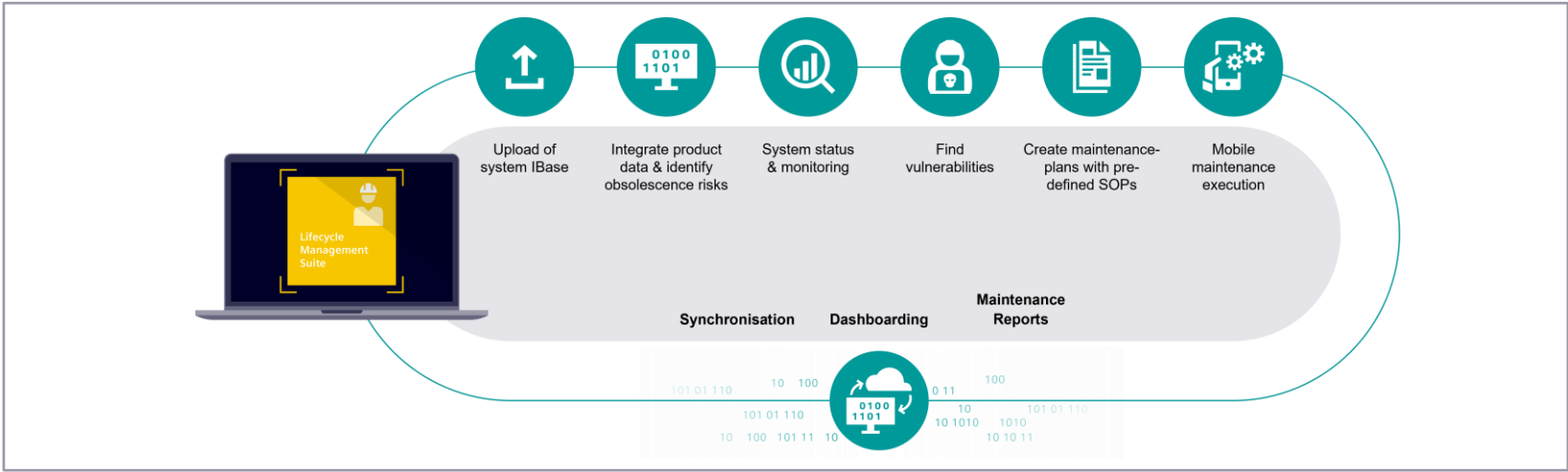
Optimal maintenance with complete asset lifecycle information and comprehensive service standards

Optimal plant maintenance with Lifecycle Management Suite



Solution

- Optimized plant maintenance in terms of planning, implementation, and documentation of all service activities
- Holistic, ready to use CMMS¹ provided as SaaS²
- Plan, execute and track maintenance in an easy-to-use comprehensive system
- Address obsolescence and cybersecurity risks



1 Computerized Maintenance Management System; 2 Software as a Service

Why should you choose Lifecycle Management Suite?



Provision of the system as online SaaS² offering allows **immediate use of all functions** – with no installation or maintenance effort



Efficient import and analysis functions create **full transparency** thanks to the regular evaluations of lifecycle and system status information, e.g., on obsolescence risks



Powerful CMMS¹ capabilities from COMOS MRO enable **optimal maintenance** with complete asset lifecycle information and comprehensive service standards

¹ Computerized Maintenance Management System; ² Software as a Service

Siemens Energy, Germany

Full transparency on maintenance with preconfigured system

Customer profile	<p>Siemens Energy is a global team of more than 91,000 dedicated employees. Together, they are responsible for meeting the growing energy demand while ensuring our climate is protected</p>
Customer objectives	<ul style="list-style-type: none"> • The central Siemens Energy Services organization for Silyzer plants needs to have transparency on their maintenance activities and asked for optimized maintenance of their Silyzer plants • It is important to have an overview of their entire installed base of their several plants in the field. Furthermore, they want to have a full transparency of the maintenance history and activities within a CMMS system over several plants in Germany • For a specific service project, the Lifecycle Management Suite based on COMOS MRO has been evaluated by the central Siemens Energy Services organization
Siemens solution	<ul style="list-style-type: none"> • Lifecycle Management Suite based on COMOS MRO and Consulting Services in order to fulfill the customer requirements were provided • The Lifecycle Management Suite optimizes the planning, execution and documentation of all service activities for plant maintenance. Based on COMOS MRO, the preconfigured cloud-based system provides Standard Operation Procedures (SOP) in the form of checklist items for lifecycle services associated with SIMATIC PCS 7 system components and Process Instrumentation devices • All necessary process engineering components as electrolysis cells, pumps, valves, heat exchanger etc. were integrated in one CMMS system incl. appropriate service activities for maintenance • During implementation a close collaboration with Siemens Energy Services including consulting services and project support for implementation of data into LMS/COMOS MRO was necessary. NEB Services specific functions like RDSPP for maintenance objects and spare part history were implemented
Customer value	<ul style="list-style-type: none"> • Implementation and control of maintenance plans and repair activities within one LMS instance • Link between material consumption of work orders and repair objects • Fast provision – only system setup allows the immediate provision of all functions without installation or maintenance effort • Full transparency – Efficient import and analysis functions create transparency – e.g., of obsolescence risks thanks to the regular evaluation of lifecycle and system status information
Why Siemens?	<ul style="list-style-type: none"> • COMOS was evaluated to support the whole Silyzer lifecycle as an integrated data management approach • Immediate availability of the cloud-based LMS solution • Experienced COMOS consultants were in place, with depth practical COMOS background

Reference ID: [24165](#)



Let us know if there is anything we can support you with!



You want to find out more?

Here you can find more information about Lifecycle Management Suite

www.siemens.com/lms

or contact the Siemens partner near you

[Siemens Contact Database](#)



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