SIEMENS
Ingenuity for life

SIMOCRANE CMS

Crane Management System
The right information at the right time

siemens.com/cranes

Smart technologies

SIMOCRANE Crane Management System (CMS) is the centerpiece visual representation for cranes. Siemens' CMS combines the best technology available for crane operators, maintenance crew and managers to collect and disclose important information at the right time.

Connecting relevant operating and diagnostic messages along with an easy-to-use interface, the system empowers the operator to efficiently manage the crane. Maintenance crew and operators are supported with all possible operational, load cycle and service-relevant information. As result, crane downtimes are shortened and the availability of cranes and the complete terminal is enhanced.

Siemens' CMS combines excellent usability with smart engineering functionalities. From simple to complex architectures, CMS relies on the well-established SIMATIC product family resulting in the most advanced visualization application.

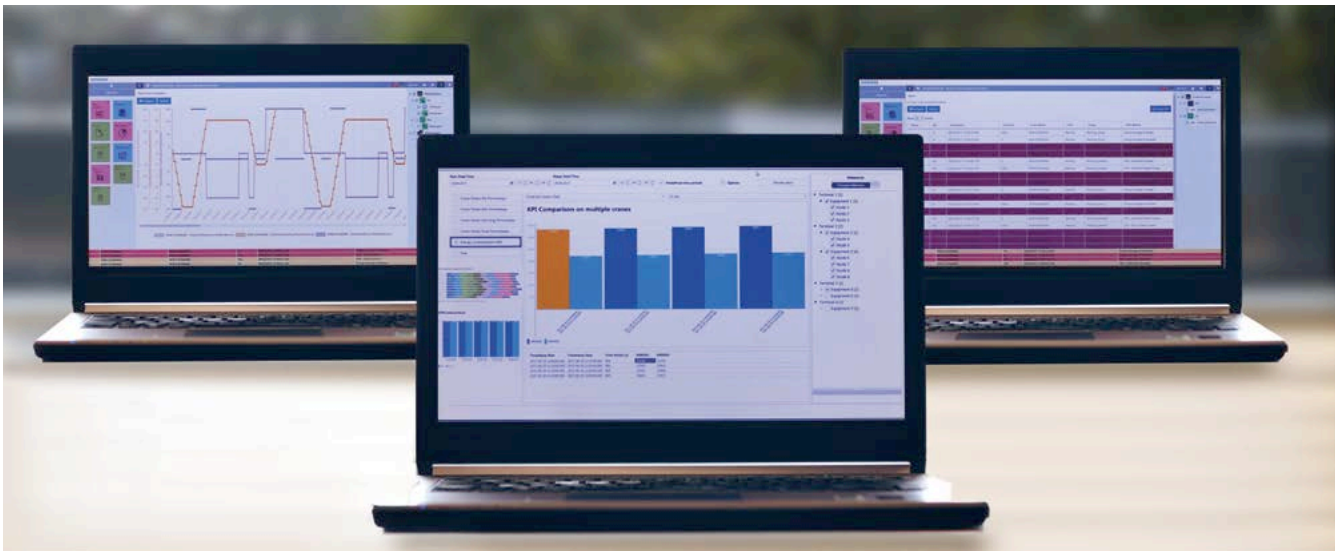
Intuitive interface to optimize crane operation

Siemens' CMS graphic interface is intuitive, engaging and tightly aligned to the work objectives and workflow on a day-to-day basis. The icons and colors form a smart interface leading the users to their target in just a few steps, transforming complex data in simple information.

Based on the right data, CMS enables the operator to take fast actions, minimizing crane downtime and optimizing its operation. It is possible to remotely access all this data by means of graphic representation via Remote Crane Management System (RCMS). A web-based remote overview of information that can easily be analyzed delivers the right information, at the right time.

SIMOCRANE CMS provides operating and diagnostic information by means of a intuitive navigation interface.

Next generation in the world of big data to get insight into the crane information.



Remote condition monitoring
Siemens' RCMS provides central monitoring of several cranes or the entire terminal from one or more access points. RCMS can be accessed via a secure wireless connection from the control room or from a monitoring location.

RCMS offers important information regarding KPI's, crane status, faults and equipment's codition monitoring minimizing the cranes' downtime

SIMOCRANE RCMS provides centralized data storage of all information from any CMS station. Valuable graphics can be extracted in seconds for purposes of terminal monitoring solutions or terminal-wide crane KPI's calculation.

Scalable and modular
Explore different configurations in a flexible way.

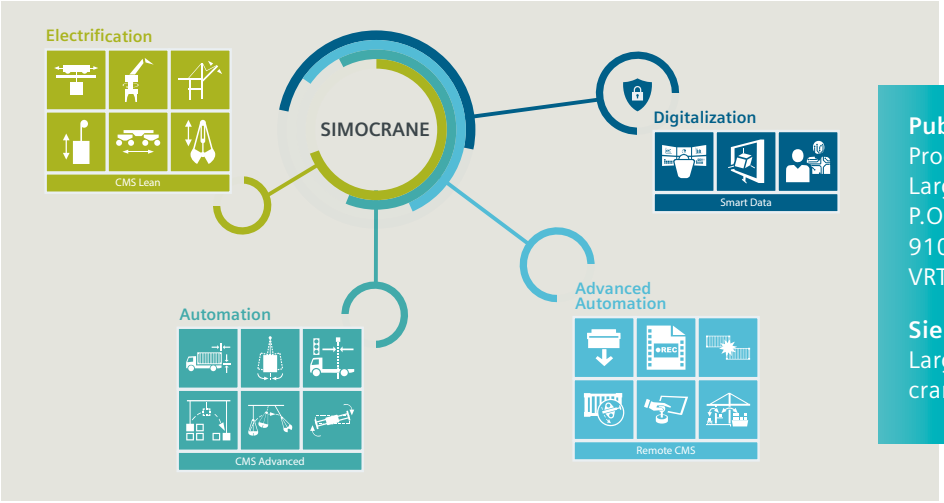
Open
Free to integrate to other systems easily.

Available and secure
Fully redundant database concept for availability.

Connected
Prepared to be integrated into various data collecting and cloud solutions.

Key performance indicators
KPI's: evaluate the crane performance effectively extracting the right values from central monitoring.

Secure remote access
Via a secure remote web-based connection, the right information can be easily accessed from everywhere.



Published by Siemens AG
Process Industries and Drives
Large Drives
P.O. Box 31 80
91050 Erlangen, Germany
VRTL-B10005-01-7600

Siemens AG
Large Drives Cranes
cranes.i@siemens.com