



SIEMENS SENTRON Portfolio for Power Monitoring Instructions

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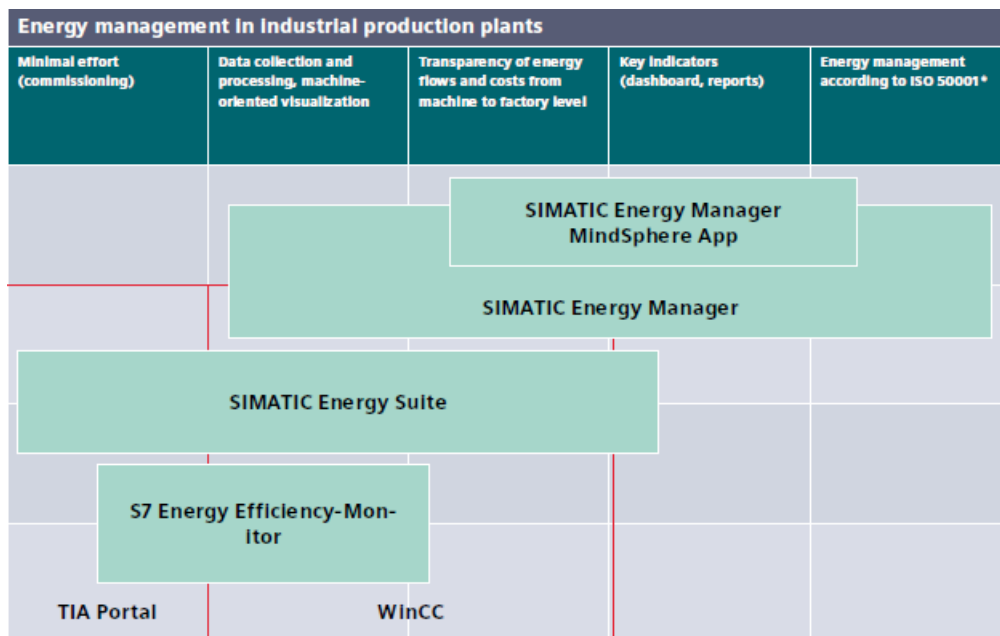
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SENTRON Portfolio for Power Monitoring

SENTRON & SIMATIC software solutions for power monitoring and energy management

Power monitoring In low voltage power distribution						
Minimal effort (commissioning)	System documentation and archiving	Transparency of energy flows and costs by data recording	Increase system reliability by continuous condition monitoring	Key Indicators (dashboard, reports)	Energy management according to ISO 50001 / 50003	
		SENTRON powermind				Location-independent use
			SENTRON powermanager			Location-wide use
SENTRON powerconfig		SENTRON 7KN Powercenter 3000				Use at the switchgear and production plant
			Web-Interface			On the device / the machine



SENTRON powerconfig



SENTRON powermanager



SIMATIC Energy Manager



SIMATIC Energy Suite





SENTRON powerconfig
Mobile App



SENTRON 7KN Powercenter



Data transformer	IoT data platform
7KN Powercable r 1000	7KN Powercable r 3000
	
Comprehensive data acquisition from communication and measuring capable circuit protection devices	Plug & operate solution for the digitalization of low-voltage power distribution
<ul style="list-style-type: none"> • High transparency in the branch circuit • Easy derivation of measures 	<ul style="list-style-type: none"> • Central interface into the switchboard • Up to 32 subterminal devices
Connection of up to 24 and devices & caching of selected data	Connectivity function for cloud-based applications (MindSphere)
<ul style="list-style-type: none"> • Complete data availability 	<ul style="list-style-type: none"> • Integrated, user-definable web-interfaces • Remote integration via SENTRON powerconly • Load profile record of connected devices
Integrated Bluetooth interface	Your benefits:
<ul style="list-style-type: none"> • Mobile data readout on-site via the SENTRON powerconly mobile app 	<ul style="list-style-type: none"> • Minimization of security efforts • Early detection and prevention of downtimes • Reduction of error frequency and duration • Early digitalization of brownfield projects • Basis for energy management (such as ISO 50001)
Integrated MODBUS TCP interface	
<ul style="list-style-type: none"> • Enables connection to SENTRON powerconly configuration software and SENTRON powermanager power monitoring software, for easy visualization and evaluation of data • Connection to cloud solutions (MindSphere) for data analysis with 7KN Powercable 3000 or with other cloud gateways 	
Compact design	
<ul style="list-style-type: none"> • Low space requirements in the distribution board (1MW) 	
	Ready for ISO 50001
	Ready for IoT
siemens.com/product7KN	siemens.com/product7KN

The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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References

- [S Siemens](#)
- [S Search Results - Industry Mall - Siemens WW](#)

Manuals+.