

SICAM PAS - Bundle RT large incl. IEC61850 client, supporting control direction, automation, 2 protocols, 3 protocols; download; software, documentation and license(s) for download. Specification of an email address (consignee) for delivery is essential .



General technical data	
target system	substation automation - IEDs (bay controller, protection device,)
national language / of the software	German / English
Product details	
product description	power automation system
product feature / connection of third-party devices	Yes
Model	
product designation	SICAM PAS - base module
Product Functions	
user interface info texts can be translated into any national language	Yes
Unicode support for process data	Yes
diagnostics function	Yes
communication function	Yes
project planning function	No
evaluation function	No
parameterizing function	Yes
automatic scanning and detection of PQ devices in the network	No
querying and storing of PQDIF files with IEC 61850	No
querying/read-in of PQDIF files from hard disk	No
querying and storing of fault records via IEC 61850	Yes
querying and storing of fault records via FTP	No
querying and storing of fault records via SIPROTEC 4 service interface	Yes
evaluation of fault records	Yes
fault location (with regard to fault records)	No
parameterization of PQ devices	No
automatic reading in of PQDIF files (from third-party devices)	No
storing of events in the archive	Yes
forwarding of operating data (messages, measured values) to HMI SICAM SCC, forwarding with SIMATIC WinCC	Yes
forwarding of operating data (messages, measured values) to control centers via telecontrol protocols	Yes
time synchronization for connected devices	Yes
Display and operation	
horizontal image resolution / of the graphics card	1 280 pixel
vertical image resolution / of the graphics card	1 024 pixel
Requirements	
number of colors / of the graphics card	65 536
design of the drive/storage medium / required / DVD drive	No

operating system / usable / Windows 7	Yes
operating system / usable / Windows 10	Yes
operating system / usable / Windows 2012 Server	Yes
operating system / usable / Windows 2016 Server	Yes
operating system / usable / Windows Server 2019	Yes
processor clock frequency / minimum	2 GHz
storage capacity / on hard disk / required	100 Gbyte
storage capacity / of the main memory or RAM / minimum	16 Gbyte

Cybersecurity

type of access control / role-based access control (RBAC)	Yes
product function / firmware identifier	Yes
cyber security / secure communication	Yes
cyber security / data integrity	Yes

Time synchronization

type of time synchronization	SNTP
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Further information

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information- and Downloadcenter (catalogues, leaflets,...)

<https://www.siemens.com/energy-automation>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MD9000-3AL05-8AA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6MD9000-3AL05-8AA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MD9000-3AL05-8AA0

Tender specifications

<https://www.siemens.com/specifications>

Power Academy - Your training and consulting partner in the area of power transmission and distribution

<https://www.siemens.com/poweracademy>

