SICLIMAT™ S7 WEB

Browser-based operating and monitoring for SIMATIC S7

S7 Web sets a new standard for operating and monitoring in building automation and control. It is possible to operate and monitor SIMATIC S7 automation stations (SIMATIC S7-300/S7-400) from the LAN, intranet, or Internet via standard web browsers (e.g. Internet Explorer). The standard communication processors CP343-1 IT and CP443-1 IT are used as a standard hardware platform.

Operation occurs via standardized dialog boxes in html format. Using TCP/IP communication allows for operating and monitoring the heating, ventilating, and air conditioning plants on any standard PC via the web browser.
Operation and monitoring, based on standard web browsers for SIMATIC S7, features the following system and product properties:

- Modern, future-oriented concept.
- Independent of platform (html/java technology).
- Tool-assisted engineering.
- Plug and play for standard functionality.
- Standardized display.
- User-friendly operation through harmonized and intuitive operation applied to the graphics hierarchy and the operator philosophy.
- Operator assistants for centralized alarm displays.
- Setup of standard SIMATIC industrial hardware.
- Sending of e-mails.
- Graphical plant pictures.
- Use of standard web browser.
Performance features

Internet technologies increasingly influence the market for operator systems and create the desire to be able to operate and monitor units across different networks in building automation and control. Web technologies allow for operating heating, ventilating, and air conditioning plants by using the latest and most innovative technology. The S7 WEB provides innovative operation and service.

S7 Web illustrates this well by its use of standard SIMATIC hardware, java/html technology, TCP/IP, and standard Internet browser as operator interface. Consequent application of TCP/IP standard communication allows to operate and monitor the HVAC plants from any PC within the company network. This requires neither special network investments nor the purchase of special terminals. Each PC with a web browser can be used as an operating and monitoring station. Furthermore, radio technology can be used to provide even higher levels of mobility for local operation.

The most modern units are used as operator interfaces. This includes devices from a Hightech Thin Client PC to a portable webpad. As a result, high mobility coupled with the latest operator units are provided to the operator.

Access to the S7 WEB is password-protected. The user administration is an integral part of the SIMATIC S7 communication processor.

S7 Web operation is integrated in the SICLIMAT engineering workflow. The philosophy—complete engineering using the SICLIMAT X Engineering Manager—also includes the SIMATIC S7 Web. This guarantees full compatibility to existing plants.
Engineering

S7 WEB has full tool support. A tool is used to retrieve the data objects and structure from the engineering data and convert them to HTML format. The data are loaded to the communication processor via file transfer.
Access to the process data during operation and monitoring is restricted by means of user identification (password) set up via the SIMATIC S7 Manager during engineering. All entries are password-protected, provided the associated user identifications and rights are configured.

Ordering

When ordering, please specify the quantity, product name, and type code.

<table>
<thead>
<tr>
<th>Type</th>
<th>Order no.</th>
<th>Service specification no.</th>
</tr>
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<tbody>
<tr>
<td>S7 WEB runtime license</td>
<td>6FL6214-4ND10</td>
<td>12/27238</td>
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Please refer to the A&D intranet or the catalog CA01 to order the communication processor.

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>S7 WEB runtime license</th>
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<tbody>
<tr>
<td>System requirements</td>
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<tr>
<td>Software</td>
<td>SICLIMAT X from version 3.1 with service pack &quot; S7 WEB&quot;</td>
</tr>
<tr>
<td>Protocols</td>
<td>ISO – TCP/IP – FTP - HTTP</td>
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<tr>
<td>Rate of transmission</td>
<td>10/100 Mbps</td>
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<tr>
<td>Connection</td>
<td>ITP / RJ45 / AUI</td>
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<tr>
<td>File system storage</td>
<td>10 MB with AS 300 – 16 MB with 400</td>
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