



Function module FM 452



Communications processor CP 443-1  
Advanced with Gigabit interface

## Communications

Communication processors are used for connecting S7-400 to the different bus systems / communication networks as well for point-to-point coupling.

### Communications processors

Bus system / communication network	Module
PROFIBUS DP <sup>1)</sup>	CP 443-5 Extended
PROFIBUS FMS <sup>1)</sup>	CP 443-5 Basic <sup>2)</sup>
PROFINET/ Industrial Ethernet <sup>1)</sup>	CP 443-1 <sup>2)</sup> CP 443-1 Advanced <sup>2)</sup>
Point-to-point connection	CP 440 CP 441-1, CP 441-2

<sup>1)</sup> Further information can be found in the brochure Industrial Communications and on the Internet at [www.siemens.com/automation/simatic-net](http://www.siemens.com/automation/simatic-net)

<sup>2)</sup> As SIPLUS extreme component also for corrosive atmosphere/ condensation (for further details, see page 98 or [www.siemens.com/siplus-extreme](http://www.siemens.com/siplus-extreme))

### The CP 443-1 Advanced provides the following additional functions:

- HTTP communication for access to process data via user-configured web pages
- E-mail client function for sending of e-mails direct from the user program
- FTP communication for program-controlled FTP client communication as well as access to blocks via an FTP server
- Gigabit connection including IP routing functionality for network separation
- Access protection by means of IP access list