

1 Overview

This product information contains additional information about the following product:

Summary

This document contains information about

- The NCM COM 1430 TF configuration tool. This is required to install, start up and test a SINEC CP1430 TF.
- The following communications processors

order number: 6GK1143-0TA00 and 0TB00
6GK1143-0TA01 and 0TB01
6GK1143-0TA02

This product information supplements the manual. It therefore provides you with information about characteristics of the product that could not be taken into account when the product manual went to print.

The product information deals with the following aspects:

- The scope of the product
- The environment required to operate the COM (devices and operating system)
- Conditions required for installation
- Compatibility with existing SINEC COMs
- Installation of the NCM COM 1430 TF

2 Scope of the Product NCM COM 1430 TF

- ✓ One 3 1/2" diskette with the files listed in Section 3 in MS-DOS format. .
- ✓ Documentation CP 1430 TF with NCM COM 1430 TF Volume 1 and Volume 2, order number 6GK 1970-1TA43-0AA0.
- ✓ This product information.

3 Content of the Diskette

The diskette contains NCM COM 1430 TF in compressed format, the installation batch file and the "read1430.me" file with up-to-date information. The diskette also contains function block FB103 for the program invocation services and several example programs.

Files on the Diskette:

a) Files belonging to the configuration tool

- * SINEC
- * READ1430.ME
- * INSTALL.EXE
- * INSTALL.STR
- * INSTALL.HLP
- * 1430001.DAT

b) Function blocks

- *FB103 \ S5CI50ST.S5D
 for the S5-115U with CPU942A/B to 944A/B (not CPU945)
 Order No.: P71200-S 5103-C-2

 \ S5CI29ST.S5D
 for the S5-135U with CPU922 and CPU928A/B
 Order No.: P71200-S 9103-C-1

 \ S5CI69ST.S5D
 for the S5-155U with CPU946,947 and CPU948
 (not with CPU 946/947R and CPU 948R)
 Order No.: P71200-S 6103-C-1

c) Sample files**– Introductory example for the transport interface**

- * ABU1AG1.CP1 (database file of the CP 1430 TF in the S5-135U)
- * ABU1AG2.CP2 (database file of the CP 1430 TF in the S5-155U)
- * AG1@@@ST.S5D (program file in the S5-135U)
- * AG2@@@ST.S5D (Program file in the S5-155U)

– Introductory example for the variable services

- * ABSPL.CLT(Database file of the CP 1430 TF in the S5-135U)
- * ABSPL.SRV (Database file of the CP 1430 TF in the S5-155U)
- * BSPC@@ST.S5D (Program file in the S5-135U)
- * BSP1S@ST.S5D (Program file in the S5-155U)

– Introductory example for the PI/domain services

- * ABSPL.CLT (Database file of the CP 1430 TF in the S5-135U)
- * ABSPL.SRV (Database file of the CP 1430 TF in the S5-155U)
- * BSPC@@ST.S5D (Program file in the S5-135U)
- * BSP2S@ST.S5D (Program file in the S5-155U)
- * SIMUL1S5.S5D (PG Load program/domain file)
- * SIMUL2S5.S5D (PG Load program/domain file)

– Introductory example for transparent data exchange with acknowledgment

- * ATDQ.CP1 (Database file of the CP 1430 TF in the S5-135U)
- * ATDQ.CP2 (Database file of the CP 1430 TF in the S5-155U)
- * TDQCP1ST.S5D (Program file in the S5-135U)
- * TDQCP2ST.S5D (Program file in the S5-155U)

4 Environment and Conditions for Operation

4.1 Operating system

The required operating system environment is S5-DOS/ST, Version 6.x

4.2 Devices on Which the Software Can Be Operated

The following devices are possible:

- > PG 720, PG 720 C, PG 740, PG760
- > PC IBM AT-compatible with the S5-DOS/ST2 PC package

Note on PCs with the V.24 interface:

- > for CP with order number: 6GK1143-0TA00 and 0TB00
ONLINE functions of COM 1430 TF using the V.24 interface and the adapter cable 6ES5 734-1BD20 to the CP 1430 TF are not possible. Instead, use the Köster box with the connecting cables as described in the manual for the S5-DOS/ST-PC package.
- > for CP with order number: 6GK1143-0TA01, -0TA02 and 0TB01
You can use the adapter cable 6ES5 734-1BD20

4.3 Memory Requirements, Device Configuration

Standard setting:

The standard settings (autoexec.bat and config.sys) created after installing S5-DOS/ST V6.x allow NCM COM 1430 TF to be operated.

Excerpt from the config.sys file: DEVICE = C:\DOS\EMM386.EXE NOEMS
I=B000-B7FF I=C800-DFFF x=E000-E0FF I=E100-F5FF

Using the MS-DOS command "**mem /c**", you can obtain information about the available memory.

The available working memory in a device with the standard configuration is as follows:

- > Conventional working memory: 593 Kbytes
- > Upper memory: 157 Kbytes