SINUMERIK ONE
NCU 1750 (MLFB 6FC5317-5AA0-0AA1)

Inhalt

Siemens observes standard data protection principles, in particular the principle of privacy by design. For this product, this means:

The product does not process or store any personal data, only technical function data (e.g., time stamps). If the user links this data with other data (e.g., shift schedules) or if he/she stores personal data on the same medium (e.g., hard disk), thus personalizing it, he/she has to ensure compliance with the applicable data protection stipulations.

1 PRECONDITION

1.1 Software

- Sinumerik Service System >= V06.20.59.00
- OnboardSW (InitNCU) Image >=V06.20.58.00

2 NOTES AND RESTRICTIONS

2.1 General information

2.2 Specific hints

- SINUMERIK ONE STEP7 Toolbox >= V17 Update 12 is recommended.

- Limitations when using <= V17 Update 12
  - When using a SINUMERIK ONE STEP7 Toolbox <= V17 Update 10, a message appears when downloading the project:
    6FC5 518-4FP00-5AB0 in the project
    6FC5 518-4FP00-5AB1 at the finish (NCU)
    => This note must be acknowledged.

  - Commissioning of safety functions at <= V17 Update 11
    - When using module NCU1750 (6FC5317-5AA00-0AA1) in SINUMERIK Safety Integrated (F-PLC) operating mode, safety operation cannot be deactivated for diagnostic purposes

    - If the access levels in the PLC are activated with password and an incorrect password is used to legitimize itself on the module, the TIA Portal may sporadically stop responding to operating inputs. A restart of the TIA Portal may be necessary.

    - If PLC access levels are activated, the access level password for "Full access incl. fail-safe" must be entered when downloading with a change in the safety program. If an incorrect password is entered here, a checksum error occurs during loading.
      In this case, the passwords stored in the TIA Portal must be deleted via the corresponding menu entry in the TIA Portal "Online" menu, so that the password can be entered again.

- SINUMERIK Service System (eboot):
  - The menu item, for example." Update system software from USB stick without system restore point":
    When installing a CNC-SW (GIV) <V6.20, the restore point is always recreated or overwritten, regardless of the selection (with/without restore point).

  - Sporadically, USB 3.0 sticks are not recognized. As a workaround, the controller must be restarted.

- When installing a CNC-SW (GIV) via the SINUMERIK Service System, the "ReadMe_OSS_NCU_HW.htm" file in the SINUMERIK Data/siemens/readme-oss folder is deleted.
  In this case, the file can be restored with the SINUMERIK Service System via the menu item "Diagnosis—Copy Firmware Readme_OSS".