

1.5.4 Integration into SINUMERIK HMI Advanced

Introduction

The following SINUMERIK configuration files must be adjusted to enable screens configured with WinCC flexible to be displayed correctly in the SINUMERIK HMI environment:

- Oemframe.ini
- Regie.ini
- Language\re_*.ini
- netnames.ini (only for m:n configuration)

These settings are made during setup. However, the entries in the "Regie.ini" file are only examples and must be adjusted accordingly. The configuration files are located in directory Add_On.

If a "Regie.ini" file already exists in the Add_On directory, setup will store a corresponding file as "Regie.bsp".

Entries in Oemframe.ini

```
[HmiRTm]
fSearchOnlyForTaskWindow=0
fKeepPlacement=1
fForceTaskFocus=1
nSleepTimeFL=150
nSleepTimeA=250
```

Entries in Regie.ini

```
[TaskConfiguration]
Task7=name:=Oemframe,Cmdline:="E:\\Program Files\\Siemens\\Simatic
WinCC Flexible\\WinCC flexible 2007 Runtime\\HmiRTm.exe
F:\\ADD_ON\\pro.fwx",TimeOut:=4000,HeaderOnTop:=false,Preload:=false,
ClassName:="HmiRTm",GimmeKeys:=0,DisableKeys:=196863
```

In other words:

- On triggering Task7 (= softkey HSK7), the WinCC flexible RT software with the created project, e.g., "pro.fwx" (freely-selectable project name), is started.
- "E:\\Program Files\\Siemens\\Simatic WinCC Flexible\\WinCC flexible 2007 Runtime\\HmiRTm.exe" is the path name in which you have installed WinCC flexible RT (this path may contain blanks).
- "F:\\ADD_ON\\pro.fwx" is the path name in which you saved the configuration (this path must **not** include any blanks).
- In "GimmeKeys := <bitmask>", the bits in the bit mask have the following effect:
 - Bit 1 set -> F11 (channel switchover) is delivered to the application directly
 - Bit 2 set -> ESC (alarm acknowledgment) is delivered to the application directly
- The DisableKeys:=196863 entry enables the left softkey range and the second horizontal softkey range.

Note

For more setting options for parameterizing the program call, please consult Appendix A.3 Description of section [TaskConfiguration].

Language\re_*.ini

```
[HsoftkeyTexts]
HSK7="application"
```

netnames.ini

If m:n is set, then the following must be observed in the file "netnames.ini" in order that alarms and NC messages function:

In the file "netnames.ini" the name of the connection and the name within the section - e.g. "param NCU_RECHTS" must be the same, e.g.:

Connection:

```
Conn_1=NCU_RECHTS
```

Section:

```
[param NCU_RECHTS]
name=NCU_RECHTS
```

See also

- M:N configuration with WinCC flexible (HMI PC devices) (Page 27)

1.5.5 WinCC flexible RT without HMI Advanced**Introduction**

WinCC flexible RT can be operated without HMI Advanced.

General procedure

In this case, the servers required to enable communication with SINUMERIK are started by means of a master control subsystem.

The master control subsystem is configured in a **subsystem** INI file in the WinCC flexible RT directory. The table below shows which subsy*.ini file (depends on the SINUMERIK HMI installed) is used to start the master control subsystem:

SINUMERIK HMI	SINUMERIK powerline	SINUMERIK 840D sl
V7.1	subsy_71p.ini	subsy_71s.ini
V7.2 and higher	subsys_pl.ini	subsys_sl.ini