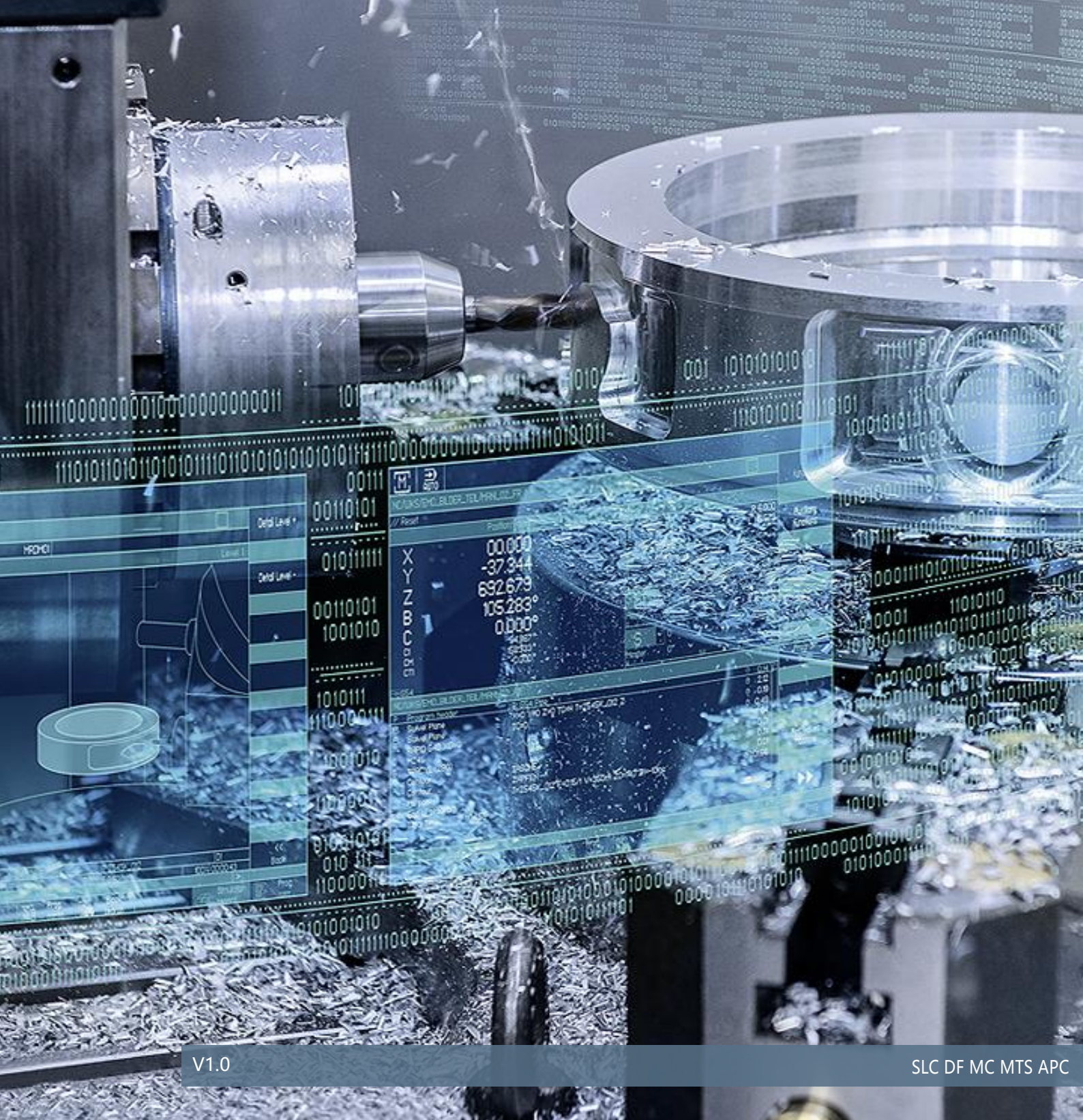




V1.0

SLC DF MC MTS APC

配置多通道显示菜单_ PCU50.5

SINUMERIK840D sl

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➤ 任务

在 PCU50.5 上配置多通道显示菜单。

1 测试条件

Version info: V45 SP3

2 配置文件 netnames.ini

2.1 PCU50.3 WIN XP

在 F:\hmis\siemens\sinumerik\hmi\template\下, 有 netnames.ini 文件的示例。

存储路径:

F:\hmis\oem\sinumerik\hmi\cfg or
F:\hmis\user\sinumerik\hmi\cfg

2.2 PCU50.5 WIN 7

2.2.1 文件存储路径

在 C:\Program Files (x86)\Siemens\MotionControl\siemens\sinumerik\hmi\template\cfg\下, 有 netnames.ini 文件的示例。

存储路径:

C:\ProgramData\Siemens\MotionControl\oem\sinumerik\hmi\cfg or
C:\ProgramData\Siemens\MotionControl\user\sinumerik\hmi\cfg

2.3 NETNAMES.INI 例子 1

在 netnames.ini 文件, 指定 HMI Operate 的 IP 地址, 指定 NCU 的 IP 地址, 通道名和指定通道号, 或者指定本地 NCU 的通道名和通道号, PCU50.3 连接到各个 NCU 的多个通道。

```
; netnames.ini
;F:\hmis\oem\sinumerik\hmi\cfg
;SHOULD KEEP THIS BLANK line
;*****
;          netnames.ini    - EXAMPLE -
; This is an example of a netnames.ini for 1:N NCU-switching in a configuration of
; 3 NCUs and a PCU50.
; And additional an example for local channel switching per channel menu.
; See also Comissioning Manual, IM9
;*****
[own]
owner = HMI
```



```

,*****
,
; ChanMenu
,*****
,
[chan HMI]
ShowChanMenu = true

,*****
;Channel-groups
;Correlation from channel-group to horizontal softkeys -> see config.ini of the TCU
;The section [T2M2N] can also be created in the netnames.ini file instead of
;config.ini file. This means that the channel menu is the same for all TCUs.
,*****
[T2M2N]
SK1 = CH_GRP_1
SK2 = CH_GRP_2
SK3 = CH_GRP_3
;SK7 = CH_GRP_7
;SK8 = CH_GRP_8

[CH_GRP_1]
;user-defined name for horizontal softkey
Text = 1. NCU

;user-defined channel name for vertical softkey
Member1.Text = NCU1%nChanne1 1
;DNS-Name or ip-address of external HMI (PCU) and NCU (see also mmc.ini)
;Member<VSK-Index>.Target = <HMI-address>.<NC-address>.#<channel-No.>
Member1.Target = 192.168.214.241.192.168.214.1.#1
;Member1.Target = MyPCU.NCU_1.#1

Member2.Text = NCU1%nChanne1 2
Member2.Target = 192.168.214.241.192.168.214.1.#2

Member3.Text = NCU1%nChanne1 3
Member3.Target = 192.168.214.241.192.168.214.1.#3

[CH_GRP_2]
Text = 2. NCU

Member1.Text = NCU2%nChanne1 1
Member1.Target = 192.168.214.241.192.168.214.2.#1

```

Member2.Text = NCU2%nChanne1 2
Member2.Target = 192.168.214.241.192.168.214.2.#2

[CH_GRP_3]
Text = 3. NCU

Member1.Text = NCU3%nChanne1 1
Member1.Target = 192.168.214.241.192.168.214.3.#1

Member2.Text = NCU3%nChanne1 2
Member2.Target = 192.168.214.241.192.168.214.3.#2

;local channel switching (channel 1 to 5)
[CH_GRP_7]
; user-defined name for horizontal softkey
Text = Channel%n 1..5

;channel name from machine data 20000 for vertical softkey
Member1.Text = \$MC_CHAN_NAME
;or user-defined channel name for vertical softkey
;Member1.Text = My NCU%nchannel 1
Member1.Target = #1

Member2.Text = \$MC_CHAN_NAME
Member2.Target = #2

Member3.Text = \$MC_CHAN_NAME
Member3.Target = #3

Member4.Text = \$MC_CHAN_NAME
Member4.Target = #4

Member5.Text = \$MC_CHAN_NAME
Member5.Target = #5

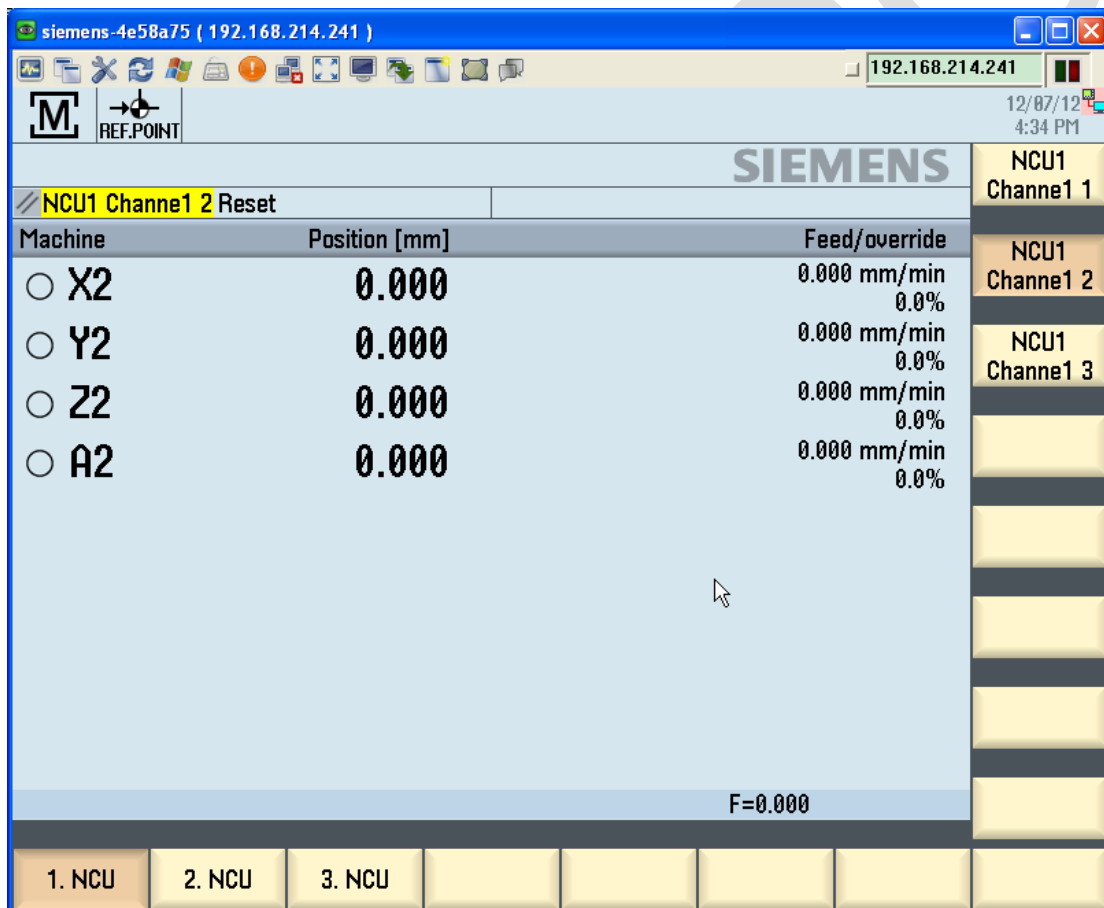
;local channel switching (channel 6 to 10)
[CH_GRP_8]
;Text = Channel%n 6..10
;Member1.Text = \$MC_CHAN_NAME
;Member1.Target = #6

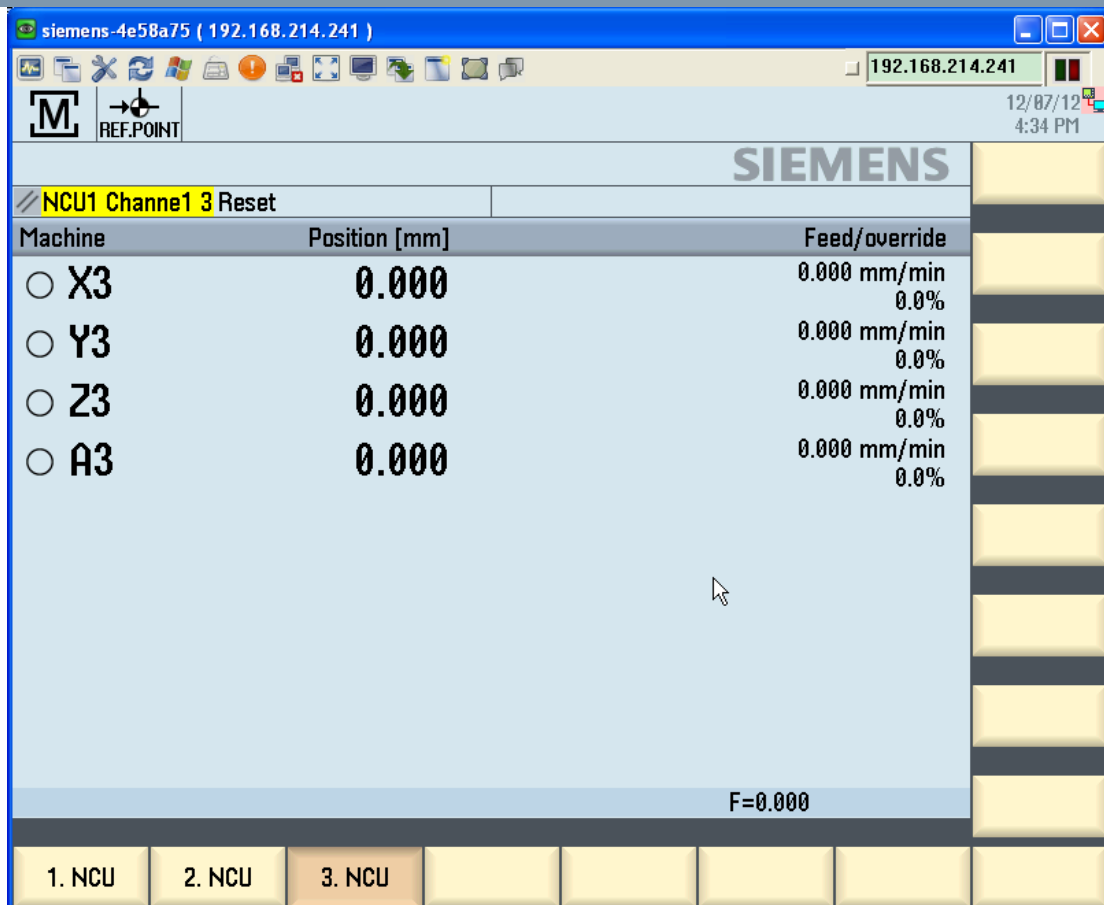
;Member2.Text = \$MC_CHAN_NAME
;Member2.Target = #7

;Member3.Text = \$MC_CHAN_NAME
;Member3.Target = #8

;Member4.Text = \$MC_CHAN_NAME
;Member4.Target = #9

;Member5.Text = \$MC_CHAN_NAME
;Member5.Target = #10





2.4 NETNAMES.INI 例子 2

; netnames.ini

;F:\hmis\oem\sinumerik\hmi\cfg

;SHOULD KEEP THIS BLANK line

[own]

owner = HMI

; ChanMenu

[chan HMI]

ShowChanMenu = true

[T2M2N]

;SK1 = CH_GRP_1

;SK2 = CH_GRP_2

;SK3 = CH_GRP_3

SK7 = CH_GRP_7

;SK8 = CH_GRP_8

;local channel switching (channel 1 to 5)
[CH_GRP_7]
; user-defined name for horizontal softkey
Text = Channel%n 1..5

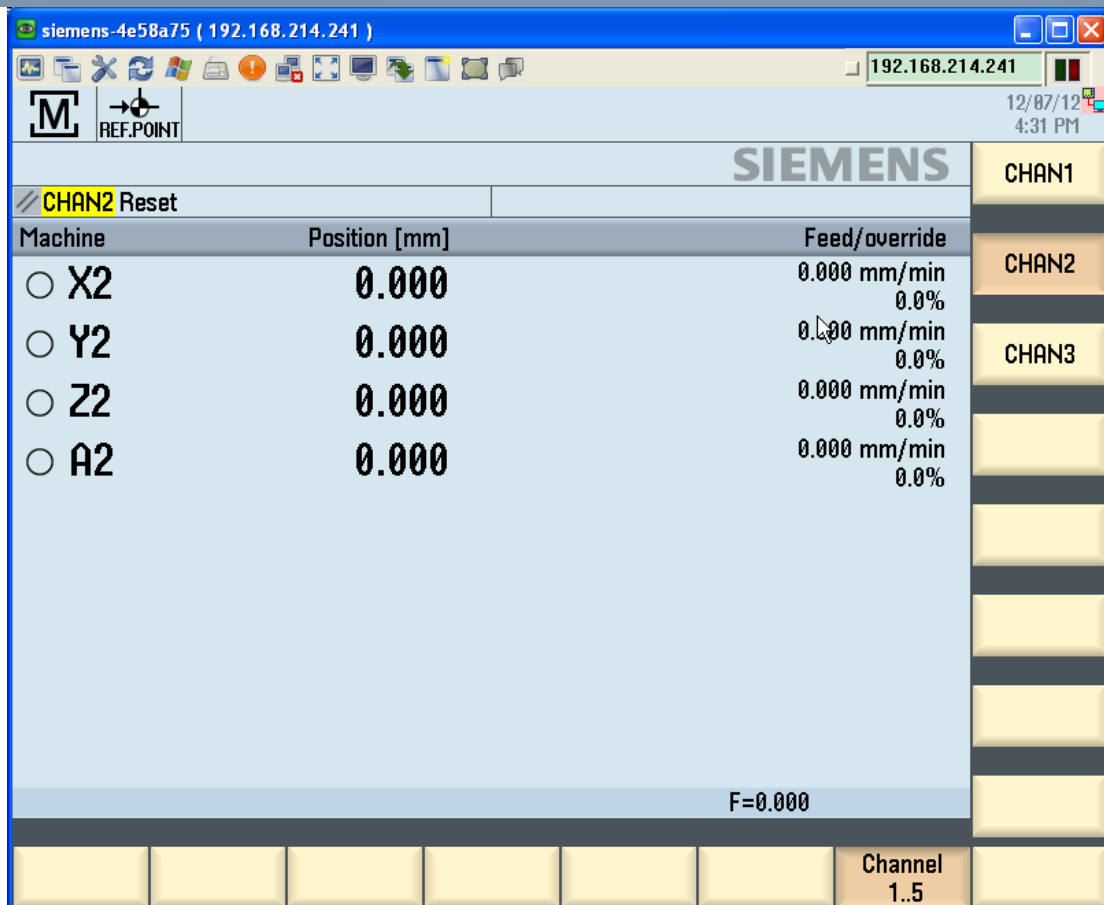
;channel name from machine data 20000 for vertical softkey
Member1.Text = \$MC_CHAN_NAME
;or user-defined channel name for vertical softkey
;Member1.Text = My NCU%nchannel 1
Member1.Target = #1

Member2.Text = \$MC_CHAN_NAME
Member2.Target = #2

Member3.Text = \$MC_CHAN_NAME
Member3.Target = #3

Member4.Text = \$MC_CHAN_NAME
Member4.Target = #4

Member5.Text = \$MC_CHAN_NAME
Member5.Target = #5



2.5 NETNAMES.INI 例子 3

在 netnames.ini 文件, 指定 HMI Operate 的 IP 地址, 指定 NCU 的 IP 地址, 和指定通道号, PCU50.3 连接到各个 NCU 的多个通道。

```
; netnames.ini
;F:\hmis\oem\sinumerik\hmi\cfg
;SHOULD KEEP THIS BLANK line
[own]
owner= HMI_1

;***** /* channel menu for TCUs
[chan HMI_1]
ShowChanMenu = true

[T2M2N]
SK1 = CH_GRP_1
SK2 = CH_GRP_2

[CH_GRP_1]
Text = Milling_1
Member1.Target = 192.168.214.241.192.168.214.1.#1
```

Member1.Text = Channel_1

Member2.Target = 192.168.214.241.192.168.214.1.#2

Member2.Text = Channel_2

Member3.Target = 192.168.214.241.192.168.214.1.#3

Member3.Text = Channel_3

[CH_GRP_2]

Text = Turning_2

Member1.Target = 192.168.214.241.192.168.214.1.#1

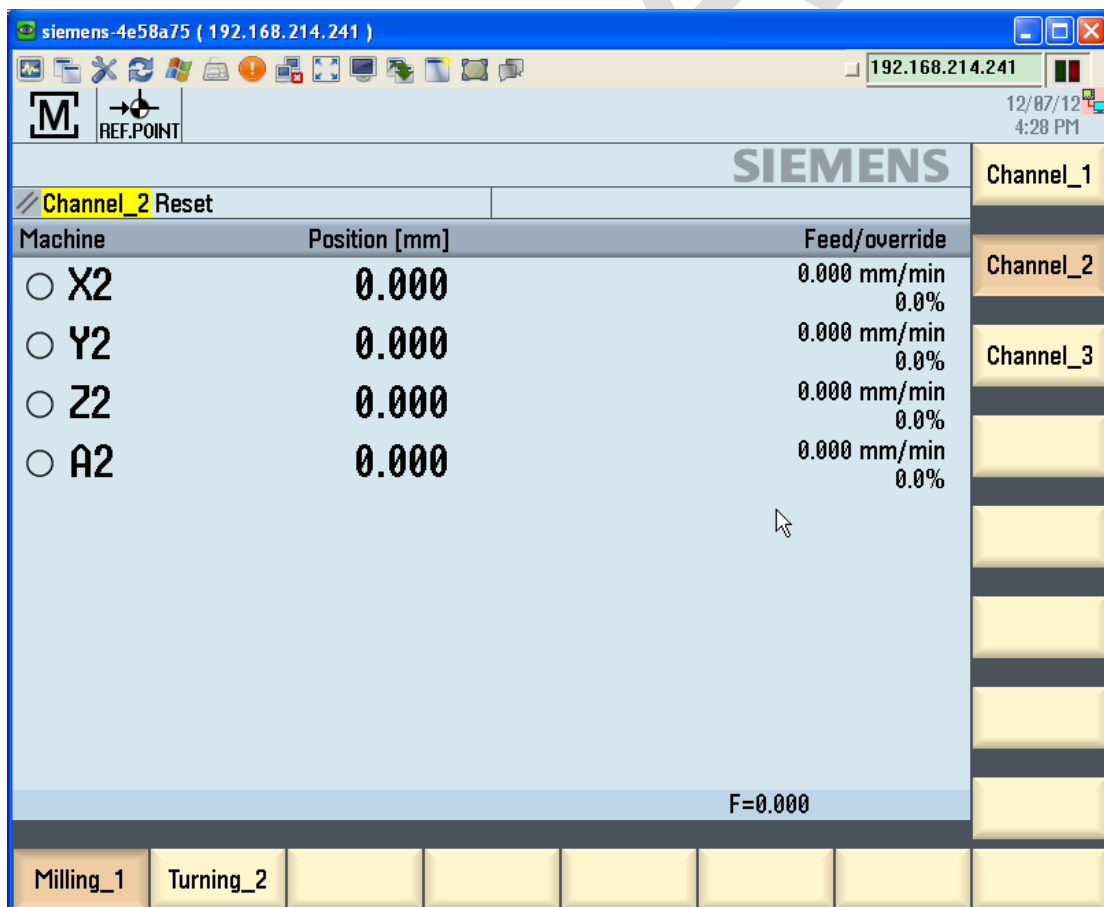
Member1.Text = Channel_1

Member2.Target = 192.168.214.241.192.168.214.1.#2

Member2.Text = Channel_2

Member3.Target = 192.168.214.241.192.168.214.1.#3

Member3.Text = Channel_3



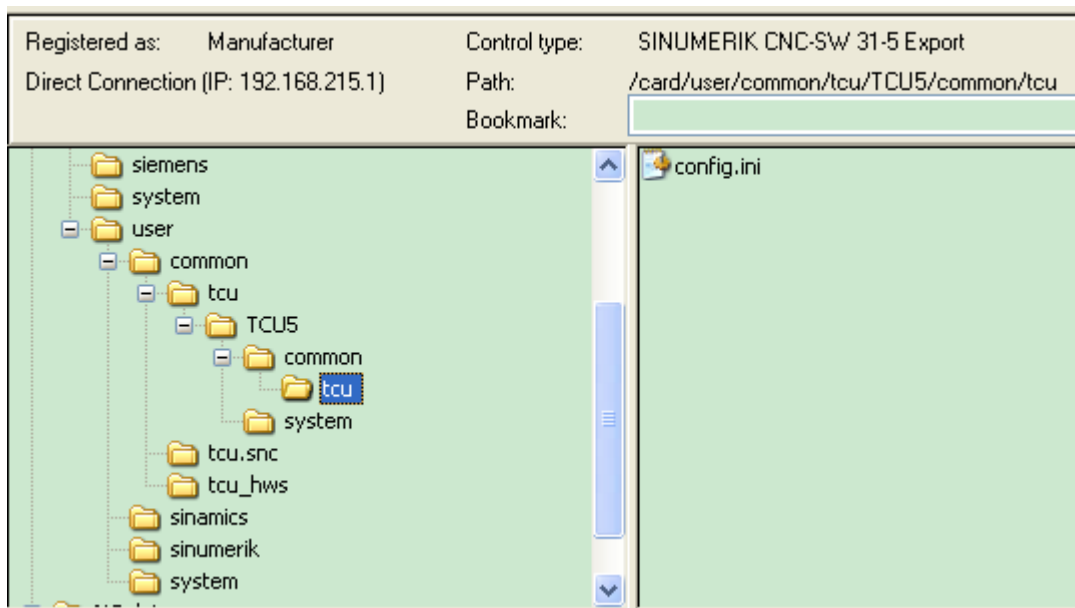
3 配置文件 config.ini

3.1 PCU50.3 WIN XP

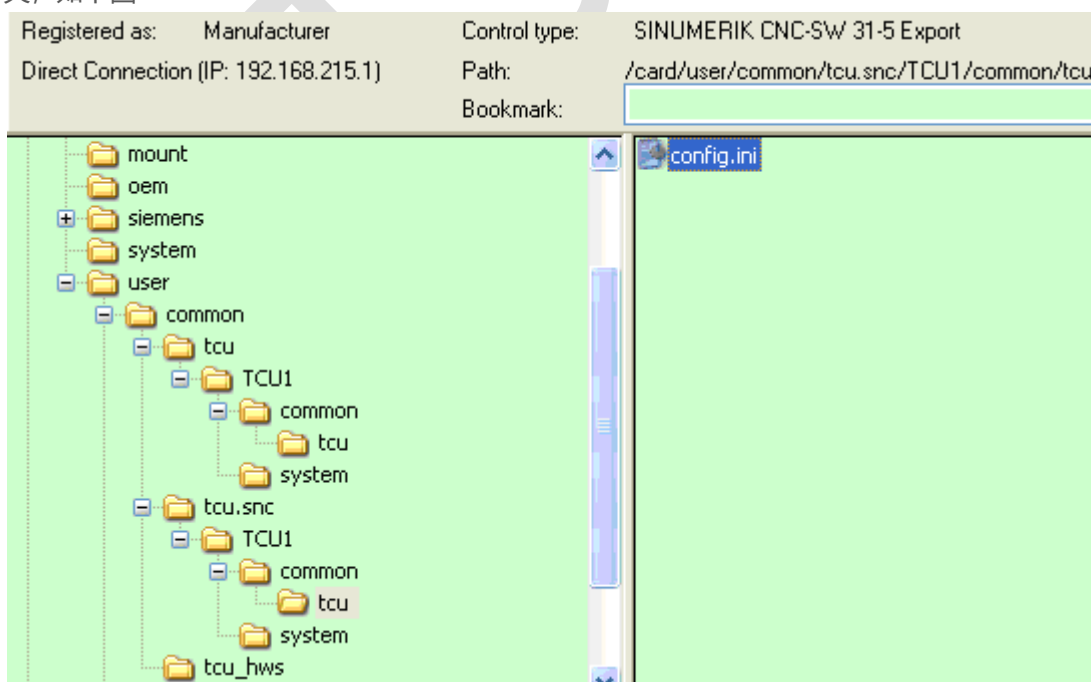
存储路径:

F:\user_base\common\tcu\<TCU name>\common\tcu\config.ini

其中, TCU name 在 TCU 第一次连接到 NCU 内置的 HMI Operate 时设定, 并在 /card/user/common/tcu/下生成如名为 TCU5 的文件夹, 如下图



或通过 SNC 修改后保存后, 并在 /card/user/common/tcu.snc/下生成如名为 TCU1 的文件夹, 如下图



3.2 PCU50.5 WIN 7

存储路径:

C:\ProgramData\Siemens\MotionControl\user\common\tcu\<TCU name>\common\tcu\config.ini

3.3 CONFIG.INI 例子

3.3.1 手动修改 config.ini

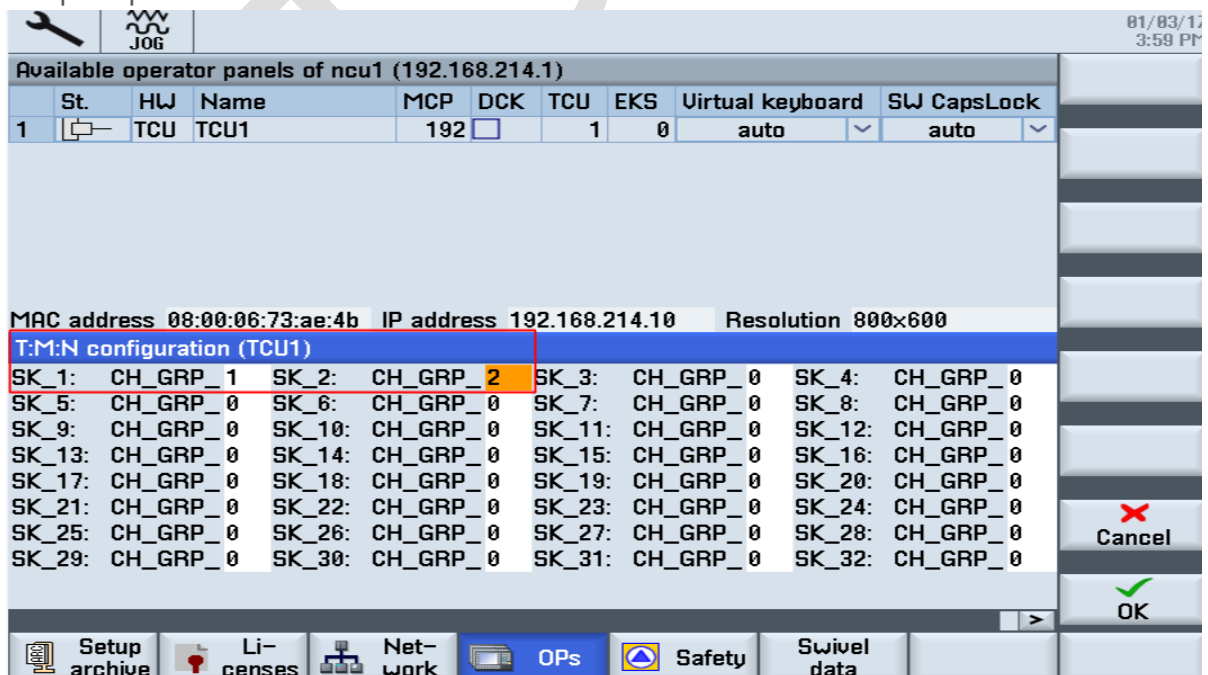
```
; config.ini
; /card/user/common/tcu/<TCU name>/common/tcu/config.ini
[Station]
mcplIndex=192
tcuIndex=1
eksIndex=0
dckEnable=0

[DEFAULT]
ChannelonFocus=2

[T2M2N]
SK1=CH_GRP_1
SK2=CH_GRP_2
```

3.3.2 使用 SINUMERIK Operate 修改 config.ini

Setup – Ops – T:M:N



4 作者/联系人

顾向清

2012-12-10

5 版本信息

版本	日期	修改内容
V1.0	2012.12.10	Created based PCU50.3 Win XP
V1.0	2016.09.10	Update file path for PCU50.5 Win 7