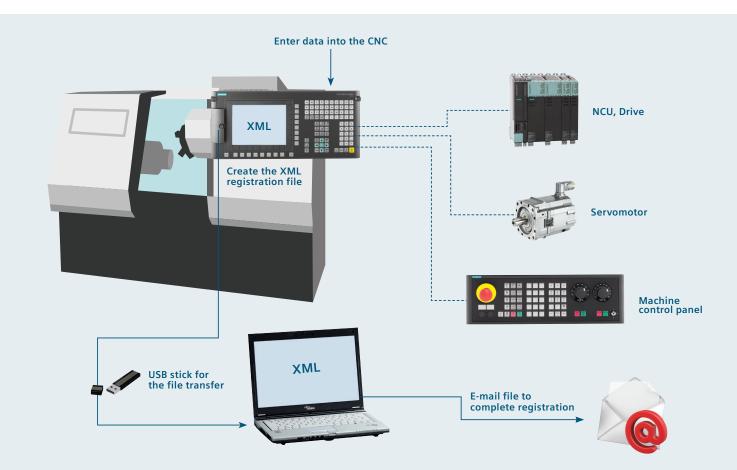


## Protect your investment SINUMERIK 840D SI/SINUMERIK 828D

Step-by-step machine registration guide

usa.siemens.com/cnc4you



# Machine registration step-by-step

Registering your Siemens CNC-equipped machine tool is quick and easy — and gives you peace-of-mind knowing that support is only a phone call or an e-mail away.

Your warranty period is validated with a start and end date, and a bill of materials is communicated to Siemens so we can provide the best service and support should you require them.

This guide will take you step-by-step through the process. Just follow these easy steps:

#### Enter the required information into the CNC

- Manufacturer (machine tool builder)
- Machine tool dealer
- End-user

Create the XML registration file

Save the XML registration file to a USB memory stick

E-mail the XML file from your PC to complete the registration

Your SINUMERIK CNC machine tool is now fully registered.

### Operator panel overview SINUMERIK 840D SI/SINUMERIK 828D

Depending upon the SINUMERIK CNC and operator panel you're using, the location of each hard-key may vary. The location of each soft-key, however, will remain the same. Pictured in the example on the right: SINUMERIK 840D sl OP12, 12-inch operator panel



#### Recall

This button allows you to go back to the previous screen.



#### Machine area

This button allows you to go to the main (home) screen of SINUMERIK Operate.



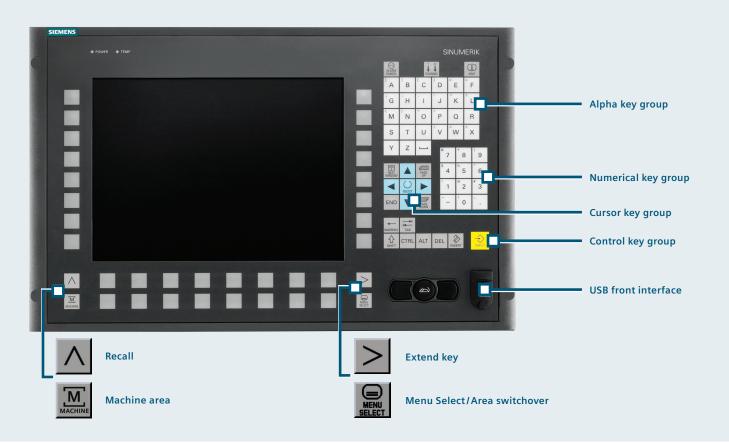
#### Extend key

This button allows you to advance to the next page of settings.



#### Menu Select/Area switchover

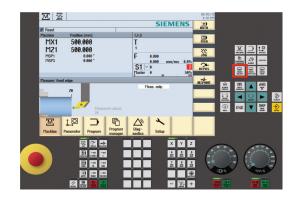
This button allows you to view the main soft-keys in SINUMERIK Operate.



To begin the machine registration process, you will need to collect some information.

Press the Menu Select. It is a hard-key located on the SINUMERIK operator panel.

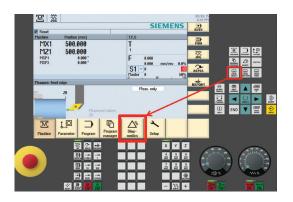




#### Step 2

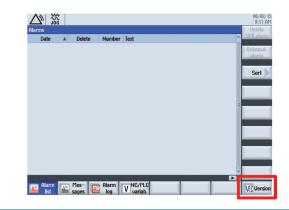
Next, press the Diagnostics — a soft-key found in the bottom of the screen.





In the lower-right corner, you will press the Version key.





#### Step 4

In the upper-right corner, you will press the Logbook key.



Internativersion: 64.65.83.88.694         Internativersion           Name         Actual version           Besexptime         64.65.83.88           Applications:         64.65.83.88           Digraphics:         94.65.83.88           Durpho         64.45.92.08           Activersion:         64.65.83.88           Activersion:         64.65.83.88           Activersion:         64.65.83.88           Activersion:         64.65.83.88           Contine:         64.65.83.88           Contine:         64.64.81.08           Details         94.49.10.89	Jersion: 04.05.	03.08		
Basesustem         04.95.93.08           Applications         04.85.93.08           Diopains         04.85.93.08           Zhopia         04.85.93.08           Diopains         04.85.93.08           Diopains         04.85.93.08           Diopains         04.85.93.08           Diopains         04.85.93.08           Datostart         04.95.93.08           Language files         04.94.91.08           Dinine help         04.94.81.08	nternalUersion	: 04.05.03.08.004		
Applications         04.45.93.88         300           Draphics         04.65.93.88         300           Draph         04.65.93.88         300           Draph         04.45.93.28         300           Autostart         04.45.93.88         300           Language files         04.45.100         300           Dimin help         04.43.100         300	Name	Actual version	Nominal version	
20 graphics         64.45.33.88           2lopia         64.45.83.88           2lopia         64.45.83.88           2lopia         64.45.83.88           anguage files         64.46.41.88           anguage files         64.46.41.88	Basesystem	04.05.03.08		
Atopia         04.45.92.09           Votosart         04.25.93.08           Anguage files         04.04.08           Anguage files         04.04.08           Anguage files         04.04.08	Applications	04.05.03.08		
ACE/TRO 6.1.2 Untrostart 04.65.03.08 Jonguage Riss 04.04.01.00 Jonine help 04.04.01.00	3D graphics	04.05.03.08		
Autostart 04.46.5.3.88 Language files 04.04.01.00 Jinline help 04.64.51.00	Otopia	04.05.02.00		
Language files 04.04.01.00 Dnline help 04.04.01.00	ACE/TAO	6.1.2		
Online help 04.04.01.00	Autostart	04.05.03.08		
	Language files	04.04.01.00		
Details				
				Details
Saue				Save

Next, press Change, which is also in the upper-right corner of the screen.



Machine	logbook			Change
No.	Date Time	Name Company/department	Error diagnostics/measure	
	name/no.			New
Machine				entry
Manufact	urer			
Dealer				Search
End user				
				Startup
				Machine installed

#### Step 6

Type in the following information as it relates to your machine tool:

 Machine model name, serial number and machine type

#### Navigate to empty field with cursor keys.



		08/03/15 8:43 AM
identSNAPSH0T	Serial number of CF card: ST-P120_H0ST	Import data
Machine name/no. 🎝	Type in machine name / no Machine Type	Jun
Address selection	Please select:	
Customer number Manufacturer's name Street		Manu- facturer
Post code / zip code		Dealer
Country	Please select:	
State/county Contact		End user
Phone Fax		× Cancel
Email WEB address		Galicer
Alarm Mes- Ala	rm NC/PLC	0K
🚔 list 📔 sages 📔 lo	g V variab.	Vi Uersior

#### Continue by entering the following information:

Manufacturer (machine tool builder)

Navigate to empty field with cursor keys



Press the Dealer key and continue by entering
the following information:

Machine tool dealer

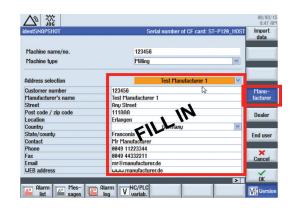
#### Navigate to empty field with cursor keys



Dealer

Manu-

facturer



entSNAPSHOT Machine name/no. Machine type Iddress selection Austomer number 12245	Serial number of CF card: ST-P120_HOST 123456 Milling V	Import data
Machine type Iddress selection	Milling V	
Iddress selection	Test Dealer 1	
Customer number 12345		
	i6	Manu-
)ealer's name Test D	lealer 1	facturer
Street This S	Street	
Post code / zip code 333CC		Dealer
ocation Dublin		Dealei
Country	El eland	_
State/county Dublin	FIF	End user
Contact Mr M	urpheo	
Phone 00353	98989898	
ax 00353	89898989	Cancel
mail mr@r	nurpheµie	Udificer
JEB address www.	murpheuie	
		OK

Press the End user key and continue by entering the following information:

End user

End-customer

Navigate to empty field with cursor keys



identSNAPSHOT	Serial number of	CF card: ST-P120_HOST Imp dat
Machine name/no.	123456	
Machine type	Milling	
Address selection	Test U	Jser 💌
Customer number	123456	Man
End user name	Test User	la factu
Street	Other Street	<b>۱</b>
Post code / zip code	444DDD	Deal
Location	Cork Cork Cork	Deal
Country	- Chand	
State/county	Cork	End u
Contact	Mr Finegan	
Phone	00353 67676767	
Fax	00353 76767676	Can
Email	mr@finegan.ie	Can
WEB address	www.finegan.ie	
		> 0k

#### Step 10

At any time, press the corresponding soft-key to go back to the Manufacturer, Dealer or End-user screens.



Otherwise, press OK to acknowledge the data you've just entered and continue.

End user name Test User Street Other Street Other Street Decation Cark Country Ireland State/Country Cork Contact Phr Finegan Phone 09353 6767677 Fax 09353 767676 Email mre%Enegan.le	JentSNAPSH0T	Serial number of CF card: S	-P120_H0ST	Import data
Address selection Test User   Address selection Test User  Customer number  123456  Customer number  123456  Customer Test User   Mann  factu  Customer  Contract  Co	Machine name/no.	123456		
Customer number 123456 End user name Test User Street Other Street Coation Cark Contry Cark End Contry Cark Contry Cark End Contry Cark End Co	Machine type	Milling	<b></b>	
End user name Tost User La factur Street Other Street Other Street Other Street Control Control Control Control Control Control Control Control Control Phone 09353 6767677 Fax 09353 7676767 Fax 09353 767676 Cancel Control	Address selection	Test User	~	
Street Other Street Pest code / zip code 444000 code code code code code code code code	Customer number	123456		Manu-
Pest code / zip code 444000 Deal Location Cork Ireland Cont State/county Cork Contact Phr Finegan Phone 08353 87876787 Fax 08353 7787676 Fax 08353 7877676 Fax 08353 7877676 Fax 08353 7877676 Fax 08353 7877676 Fax 08353 7877676 Cancer Contact Phr Finegan Is Contact	End user name	Test User	3	facturer
Location Cork Venancia Corta	Street	Other Street		
Location Cork Ireland ♥ State/comm/ Cork Contact Phree Contact Phr Finegan Phree Phree 04955 5767677 Fax 049555 7676767 Fax 049555 7676767 Email mr≪finegan.ie	Post code / zip code	444DDD		Dealer
State/county Cork End or Contact /1/r Finegan / Phone 060353 0767677 Fax 06035 3767676 Email mr@finegan.ie	Location	Cork		Doutor
Contact Mr Finegan Phone 08353 767677 Fax 08353 767676 Email mr@finegan.ie	Country	Ireland	$\sim$	
Phone 98353 67676767 Fax 98353 7676767 Email mr:Stinega.ie		Cork		End user
Fax 08353 7676766 Canc Email mr©finegan.ie	Contact			
Fax 00353 76767676 Email mr©finegan.ie Canc	Phone			~
Email mr@finegan.ie	Fax	00353 76767676		Cancel
		mr@finegan.ie		Current
WEB address www.finegan.ie	WEB address	www.finegan.ie		×

#### Press the Startup complete key.

Startup complete

Machine I				Change
No.	Date Time	Name Company/department	Error diagnostics/measure	
Machine n	name/no.		123456	New
Machine t		Milling		entry
Manufactu	Irer	Test Manufacturer 1		
Dealer		Test Dealer 1		Search
End user		Test User		Startup complete
End user		Test User		Startup complete Machine installed

#### Step 12

Confirm the Logbook entry by pressing OK.

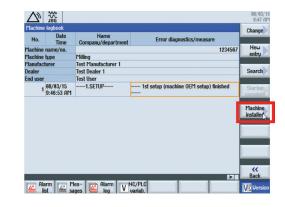


$\Delta$	30g				08/03/15 9:45 AM
Machine	logbook				
No.	Date Time	Name Company/department	Error diagnosti	cs/measure	
	name/no.			1234567	
Machine		Milling			
Manufac	urer	Test Manufacturer 1			
Dealer		Test Dealer 1			
End user		New logb	ook entry		
		08/03/15 Is this time to be specit (machine O	fied as end of 1st setup		6
					× Cancel
					ок

#### You're almost finished.

Press the Machine installed key.



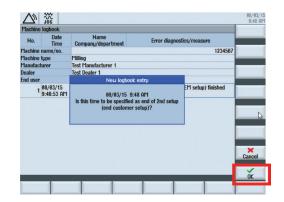


#### Step 14

The information appearing on this screen should be correct. Please note that the time/time-zone may vary.

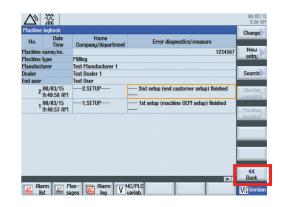


Press OK to acknowledge the information you've entered and continue.



Next, press the Back key to return to the previous screen and to save your data.





#### Step 16

Now you should see a series of green check marks indicating that everything is okay.



Press the Save key.

Uersion data			Logbook
SINUMERIK Op			
Uersion: 04.05.	03.08		
InternalVersion	: 04.05.03.08.004		
Name	Actual version	Nominal version	
Basesystem	04.05.03.08	$\checkmark$	
Applications	04.05.03.08	$\checkmark$	
3D graphics	04.05.03.08	$\checkmark$	
Qtopia	04.05.02.00	$\checkmark$	
ACE/TAO	6.1.2	*****	
Autostart	04.05.03.08	✓	
Language files		✓	
Online help	04.04.01.00	$\checkmark$	
			Details
			Save
			Gutt

Insert a USB stick into the USB port located on the front of the operator panel.

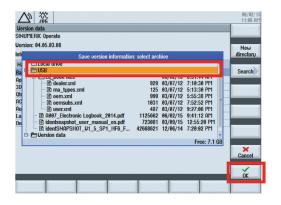
Using the cursor keys, navigate to USB.



Press the OK key.



OK



#### Step 18

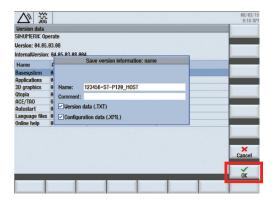
Enter the following information, when prompted:

- Filename of this registration (required)
- Comment (optional)

Select .XML and then press OK.

This will save your new registration file to the USB stick.





This is the screen you will see as the .XML file is being saved to your USB stick.



#### Step 20

Lastly, remove the USB stick and insert it into your PC.

To complete your machine registration, e-mail the .XML file to:

cncmachineregistrations.industry@siemens.com





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1-800-879-8079

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