Advice about user registration before use

Before using the instrument, it is necessary to perform the user registration. This registration is needed to carry out the careful and plentiful support and service for the customers. Carry out the user registration by the following procedure.

Item to be prepared

- Product main unit   - PC/tablet terminal etc. that can be connected to internet
- e-mail address   - Registration information (you can check the instrument information with the display of instrument)

Step1 Register the user information.

Input the registration information on the Web site and get the activation code.

Access the TSshield Web site

https://tsshield.tierraservice.com/

You can access the TSshield Web site by shooting this mark with barcode reading function of your tablet terminal of smartphone.

● **A customer who uses the system for the first time**

Select **[New registration]**.

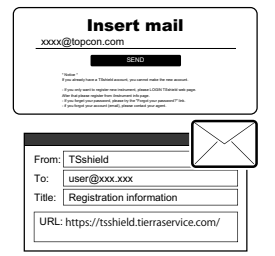* When you use TSshield, you need to agree with "license agreement".

● **A customer who has an account**

Log in to the TSshield Web site.

Login
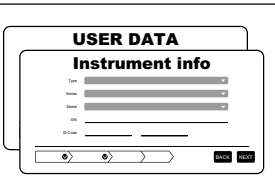
Register an e-mail address

Input the e-mail address used for creating an account.

An e-mail for actual registration will be sent to the e-mail address you input. Please access the described URL.
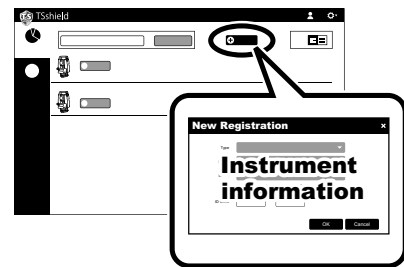
Insert mail

From: TSshield
To: user@xxx.xxx
Title: Registration information
URL: https://tsshield.tierraservice.com/

Input the registration information

Input the instrument information.

New Registration

Instrument information

Input the registration information
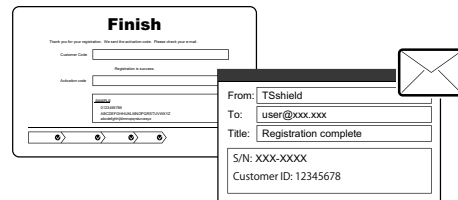
Input your information and instrument information.

USER DATA
Instrument info

Completion of registration

If the customer ID and the activation code are displayed on the screen, the user registration is completed. The registration completion e-mail will be sent to the registered e-mail address.
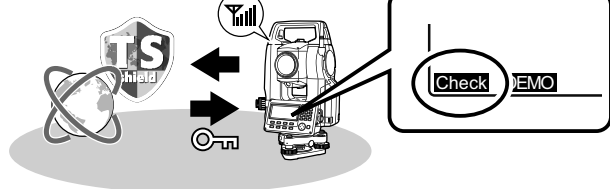
- Log in to the TSshield Web site with the registered e-mail address and the password.
- The Registration Complete e-mail contains the customer ID. Please save it.

Finish

From: TSshield
To: user@xxx.xxx
Title: Registration complete
S/N: XXX-XXXX
Customer ID: 12345678

Step2 Conduct the license activation

Conduct the license activation to release the demo mode.

● **Online activation**

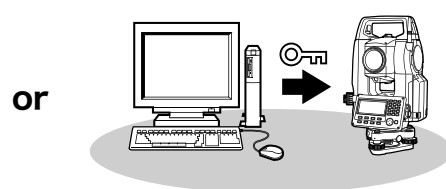**Check** DEMO

or

● **Offline activation**

Turn ON the power supply of instrument and click **[Check]** on the user registration screen. Communications are performed with a server and the registration is automatically confirmed.

*It may take approximately 10 minutes at maximum to confirm the registration depending on the condition of signal.
*The illustration shows an example of total station.

Input the activation code described on the registration completion e-mail in the instrument.

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1. Customer who signs up for the first time

When you use TSshield for the first time, register your information and instrument information.

If you have created an account, you can register the information by adding a newly purchased instrument to your account.

☞ Please refer to "Customer who has an account" on the rear page.

1. Access the TSshield Web site
Access URL shown below.

https://tsshield.tierraservice.com/

2. Start the registration
Click **[New Registration]**.

Login

+ New Registration   Forgot your password? >

English(English)
日本語(Japanese)
한국(Korean)
Português(Portuguese)
Русский(Russian)
Español(Spanish)

[Note] • When you use this Web site, please be sure to read the disclaimer on the lower part of the screen.

• You can change the displayed language from "Language" in lower right of the screen.

Check the displayed content. You can go to the next step by clicking **[I ACCEPT THE AGREEMENT]**.

Licence Agreement

Thank you for purchasing our products.

This product ("Product") has a capability of TSshield service ("TSshield service(s)"). (TSshield service offers both charged and uncharged services by using cellular phone connection. Please refer below for detail.)
All of our customers who bought our product must register before using. These users have to understand some information that is related this product is collected automatically. This information is used for only supplying larger support service from Topcon.

[User registration]
Before using this product, the customer has to register to our service.
All of the personal information that is registered at registration timing may be supplied to our subsidiaries and our business partners for only supplying TSshield service from these companies. At the anytime, these information MUST NOT be used for other purpose and these information also MUST NOT be supplied to another 3rd party.

[What is TSshield?]
TSshield services can offer various services both charged and uncharged based on collecting information from your Product. TSshield is a name of this service, and you can use the following services, but please note that we may

I ACCEPT THE AGREEMENT   **I DO NOT ACCEPT THE AGREEMENT**   **PRINT OUT**

3. Input the e-mail address
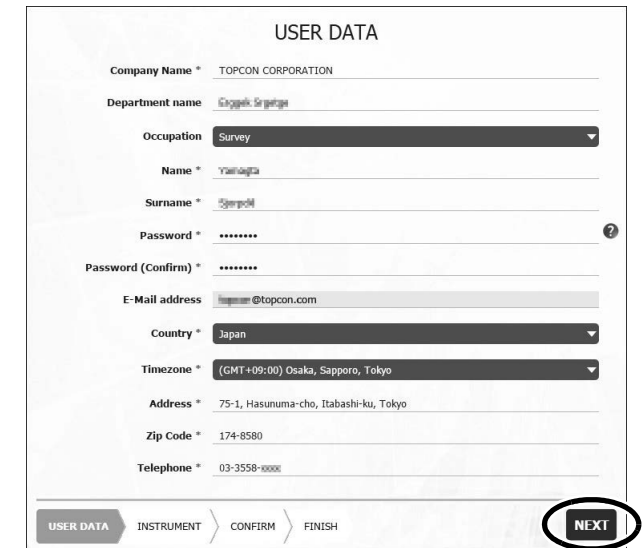Input the e-mail address and click **[SEND]**.

The e-mail on which URL for actual registration is described will be sent to the e-mail address you input. Please access the URL described on the e-mail.

Insert mail

topcon@topcon.com

SEND

* Notice *
If you already have a TSshield account, you cannot make the new account.

- If you only want to register new instrument, please LOGIN TSshield web page. After that please register from iInstrument info page.
- If you forgot your password, please try the "Forgot your password?" link.
- If you forgot your account (email), please contact your agent.

[Note] • The e-mail will be sent from tsshield@tierraservice.com. If you restrict the reception, carry out the setting to enable the reception of e-mail.

4. Input your information
Input the information required for creating an account and click **[Next]**.

USER DATA

Company Name *	TOPCON CORPORATION
Department name	
Occupation *	Survey
Name *	
Surname *	
Password *	
Password (Confirm) *	
E-Mail address *	@topcon.com
Country *	Japan
Timezone *	(GMT+09:00) Osaka, Sapporo, Tokyo
Address *	75-1, Hasunuma-cho, Itabashi-ku, Tokyo
Zip Code *	174-8580
Telephone *	03-3558-xxxx

USER DATA   INSTRUMENT   CONFIRM   FINISH   **NEXT**

[Note] • The e-mail address can be automatically input (cannot be changed).

Password
- Password should be at least 8 characters and can be up to 32 characters in length.
- Password should include both characters (alphabetic letters and symbols) and numbers.
- The same string of a whole e-mail address or former part of the address cannot be used for password.
- Keep the registered password by yourself.

5. Input the information of instrument.
Input the information required for registration and click **[NEXT]**.

Instrument info

Type *	Total station
Series *	FX
Model *	FX-105
S/N *	808658
ID Code *	

USER DATA ✓   INSTRUMENT   CONFIRM   FINISH   BACK   **NEXT**

[Note] • Model name, serial number (S/N), and ID code will be displayed by turning ON the power supply of instrument.

21403 99081

6. Check the content you input

If there is no problem in the input content, click **[CON-FIRM]**.

Confirm

Company Name	TOPCON CORPORATION
Department name	
Occupation	Survey
Name	
Surname	
Password	••••••••
E-Mail address	@topcon.com

USER DATA ✓ INSTRUMENT ✓ CONFIRM FINISH   BACK **CONFIRM**

7. Completion of registration

Customer ID and activation code will be released on the screen. At the same time, an e-mail on which activation code is described will be sent.

Finish

Thank you for your registration. We sent the activation code. Please check your e-mail.

Customer Code

Registration is success.

Activation code

SAMPLE
0123456789
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

USER DATA ✓ INSTRUMENT ✓ CONFIRM ✓ FINISH ✓   **OK**

[Note] • At the lower part of the screen, a sample of character (number/alphabet) will be displayed. Compare the mistakable characters with the sample.

● Continuously, release the demo mode.

2. Release the demo mode

The demo mode can be released in two methods; release by performing communications from instrument to server (online activation) and release by inputting the obtained activation code in the instrument (offline activation).

[Note] • If the condition of signal is not good and you cannot conduct the online activation, conduct the offline activation.

• The operation procedure shown below is described with an example of a representative product with a display. The procedure for a instrument that has no display is different.

☞ For details on the method for releasing the demo mode, refer to TSshield instruction manual for each product.

Online activation

1. Turn ON the instrument

2. Press [CHECK] on the user registration screen

```
User registration
XX-103
S/N XXXXXX
ID Code   : XXXX-XXXX
Unlock cd :

CHECK DEMO        Unlock
```

If communications are performed with a server and the registered content is checked, the demo mode is released.

```
Confirming to the server

Confirming the activation.
Please wait a minute.

                          Cancel
```

```
Confirming to the server

Thank you for the activation!

                          Cancel
```

[Note] • It may take approximately 10 minutes at maximum to confirm the registration depending on the condition of signal. If the registration is not completed in 10 minutes or more, the condition of signal may not be good. Conduct the offline activation.

Offline activation

1. Turn ON the instrument

2. Input the activation code and press [Unlock] *

If you input a correct activation code by one-byte alphanumeric characters, the demo mode is released.

```
User registration
XX-103
S/N XXXXXX
ID Code   : XXXX-XXXX
Unlock cd :

CHECK DEMO        Unlock
```

```
User registration
XX-103

Thank you for the activation!

CHECK DEMO        Unlock
```

* [OK] may be displayed for some instruments.

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3. Customer who has an account

If you have an account, you can log in to the system for a new instrument with the existing account.

1. Log in to the TSshield Web site

2. Click [New Registration]

3. Input the information of instrument

Input the information required for registration and click **[OK]**.

New Registration

Type	Total station
Series	
Model	-103
S/N	
ID Code	

OK Cancel

[Note] • Model name, serial number (S/N), and ID code will be displayed by turning ON the power supply.

4. Completion of registration

The activation code will be displayed on the screen. At the same time, an e-mail on which activation code is described will be sent.

Finish

Thank you for your registration. We sent the activation code. Please check your e-mail.

Customer Code

Registration is success.

Activation code

SAMPLE
0123456789
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

USER DATA ✓ INSTRUMENT ✓ CONFIRM ✓ FINISH ✓   **OK**

5. Release the demo mode
☞ "2. Release the demo mode"

Examples of the questions asked by the customers

1. Why does the system operate in the demo mode only though the instrument is turned on?

Before using the instrument, it is necessary to perform the user registration. This registration is needed to carry out the careful and plentiful support and service for the customers. As referring to this document, perform the user registration.

2. What procedure do we need?

When purchasing the instrument, it is necessary for you to perform the easy user registration. The registered information is necessary for our company to send the update and maintenance information to you. Perform the registration on the Internet browser in the personal computer connected to Internet.

3. Is it possible to perform the user registration where signal are not good or in a place out of the proper sphere?

You can perform the registration by using a personal computer connected to Internet. Entering the unlock code is necessary to cancel the demo mode of the instrument. You can perform this work even out of the proper sphere. If your place is out of the Internet environment, you can ask the engineer of the office or your dealer to perform the registration. When you receive the unlock code issued from our company by telephone, it is possible to execute the activation.

4. Can we perform the user registration where it is not possible to connect to Internet?

When it is not possible to connect to Internet, you can ask the engineer of the office or your dealer to perform the registration. When you receive the unlock code issued from our company by telephone, it is possible to execute the activation.

5. Can we perform the user registration without a mail address?

Mail address is a requirement. Please prepare your mail address because our company needs it to send the software update, maintenance and other information to you as quickly as possible. You can use a free mail address. If you already have a mail address and usually use it, please register the address.

6. We don't know the serial number. How do we check it?

You can check the serial number (S/N) and model on the screen when the instrument is turned on.
As for the instrument without the display unit, information including serial number can be found in attached "Instrument Information".

The instruction manual for TSshield is stored in the USB memory or CD-ROM included with the product as a manual you can check on the screen of PC.

TOPCON CORPORATION