

# SoftBank 403ZT

## User Guide



# SoftBank 403ZT User Guide Contents

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## Introduction

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### Before You Begin

Read "[Safety Precautions](#)" and this guide thoroughly beforehand for proper usage.

Accessible services may be limited by contract conditions.

### Guide Usage Notes

Most operation descriptions are based on default settings.

### Other Descriptions

This product is referred to as "USB modem" in this guide.

## Operating Environment (Compatible OSs)

Use USB modem in any of these operating environments. Use outside these environments may affect performance. Operating environment (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For PC support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.
- The information for operating environment (compatible OSs) listed here is the current information for USB modem sold as of April 2015. Check [ZTE Japan Customer Support Web Page](#) (Japanese) for the latest information in regards to operating environment.

| Item  | Description                                    |
|---|--|
| Compatible Operating Systems                            | Windows Vista Home Basic (32-bit or 64-bit)    |
|   | Windows Vista Home Premium (32-bit or 64-bit)  |
|   | Windows Vista Business (32-bit or 64-bit)      |
|   | Windows Vista Enterprise (32-bit or 64-bit)    |
|   | Windows Vista Ultimate (32-bit or 64-bit)      |
|   | Windows 7 Home Basic (32-bit or 64-bit)        |
|   | Windows 7 Home Premium (32-bit or 64-bit)      |
|   | Windows 7 Professional (32-bit or 64-bit)      |
|   | Windows 7 Enterprise (32-bit or 64-bit)        |
|   | Windows 7 Ultimate (32-bit or 64-bit)          |
|   | Windows 8 (32-bit or 64-bit)                   |
|   | Windows 8 Pro (32-bit or 64-bit)               |
|   | Windows 8 Enterprise (32-bit or 64-bit)        |
| Windows 8.1 (32-bit or 64-bit)                          |  |
| Windows 8.1 Pro (32-bit or 64-bit)                      |  |
| Windows 8.1 Enterprise (32-bit or 64-bit)               |  |
| Mac OS X 10.6 to 10.10                                  |  |
| Compatible with Japanese and English Operating Systems. |  |
| Memory Requirements                                     | Windows Vista: 512 MB+ (1 GB+ recommended)     |
|   | Windows 7: 1 GB+ (32-bit)/2 GB+ (64-bit)       |
|   | Windows 8: 1 GB+ (32-bit)/2 GB+ (64-bit)       |
|   | Windows 8.1: 1 GB+ (32-bit)/2 GB+ (64-bit)     |
|   | Mac OS X: 512 MB+ (1 GB+ recommended)          |
| Hard Disk Capacity                                      | 400 MB+ recommended (200 MB+ required)         |
|   | (common to all Operating Systems listed above) |
| Interface   | USB 2.0  |

## Package Contents

The following items are included in the package. Please confirm package contents before use. Contact [SoftBank Customer Support](#) for missing items.

Keep accessories including Warranty in a safe place.

- 403ZT (USB modem)
- クイックスタート (Japanese)
- お願いとご注意 (Japanese)
- Warranty (USB modem)

## Usage Conditions

- USB modem supports Software Update. Use USB modem with the latest version software.
- Communication speed may become slow or communication may not be available because of connection congestion or communication environment.
- This model USB modem is designed for corporate users, and allows its functionality to be regulated by administrators. Depending on how functions are regulated, settings or operations as described herein may not be available.
- The access point which corresponds to the predetermined flat-rate plan is configured by USB modem and SoftBank 403ZT Utility (factory default configuration). Appropriate access points conduct bandwidth controls via SoftBank's network.

## Trademarks

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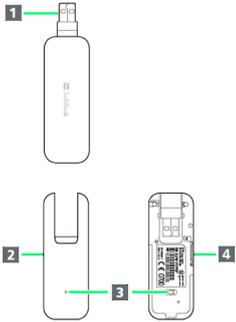


## Getting Started

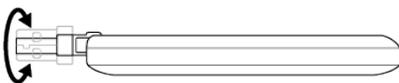
|                        |   |
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## Parts & Functions

### USB Modem



| Name                     | Description   |
|--------------------------|---|
| <b>1</b> USB Connector   | Connect to PC USB port                                  |
| <b>2</b> Cover           | Protects USIM Card                                      |
| <b>3</b> LED Status Lamp | Color and lighting pattern Indicate status of USB modem |
| <b>4</b> USIM Card Slot  | Insert USIM Card  |



Position USB Connector vertically, horizontally, or rotate it as shown in illustration.

### LED Status Lamp

LED Status Lamp lights or flashes to indicate communicator status, abnormal status, etc.

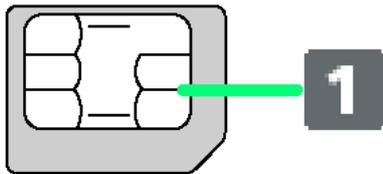
| LED Status Lamp                             | Network Connection Status   |
|---|---|
| Lights in Red                               | <ul style="list-style-type: none"> <li>· Activating</li> <li>· Searching for network</li> <li>· Registering network</li> <li>· Out of service area</li> <li>· Overheated to 70 degrees or more</li> </ul> |
| Flashes in Red (at even intervals)          | <ul style="list-style-type: none"> <li>· USIM locked</li> <li>· USIM error</li> </ul>   |
| Flashes in Red (on long, flashes briefly)   | <ul style="list-style-type: none"> <li>· Waiting for PIN entry</li> <li>· Waiting for PUK entry</li> </ul>  |
| Lights in Blue                              | 4G communicating  |
| Flashes in Blue (at even intervals)         | Overheats to 60 degrees or more while 4G communicating  |
| Flashes in Blue (on long, flashes briefly)  | 4G available (except while communicating, and when inside service area)   |
| Lights in Green                             | GSM/3G communicating  |
| Flashes in Green (at even intervals)        | Overheats to 60 degrees or more while GSM/3G communicating  |
| Flashes In Green (on long, flashes briefly) | GSM/3G available (except while communicating, and when inside service area)   |

## USIM Card

USIM Card contains customer information, including phone number.

### Handling USIM Card

- SoftBank Mobile Corp. is not liable for damages resulting from inserting USIM Card in other-brand IC card reader etc.
- Always keep IC chip clean.
- Clean USIM Card with a dry, soft cloth.
- Do not attach labels on USIM Card. May cause malfunction.
- For handling, see USIM Card user guide (Japanese).
- USIM Card is the property of SoftBank Mobile Corp.
- You will be charged for reissue of lost or damaged USIM Card.
- Return USIM Card to SoftBank Mobile Corp. when canceling contract.
- Returned USIM Card will be recycled for protection of the environment.
- Specifications and capabilities are subject to change without notice.
- Keep a copy of information saved to USIM Card. SoftBank Mobile Corp. is not liable for damages incurred due to loss of saved information.
- In case USIM Card or USB modem (USIM Card inserted) is lost or stolen, urgently request to have usage suspended. Contact "[Customer Service](#)," General Information.
- Power off USB modem before removing/installing USIM Card. Removing USIM Card while it is being used might cause malfunction.
- When installing/removing USIM Card, be careful not to touch the IC or damage it.
- A dedicated USIM Card is required for USB modem. The dedicated USIM Card for USB modem is not usable in mobile telephone handsets.



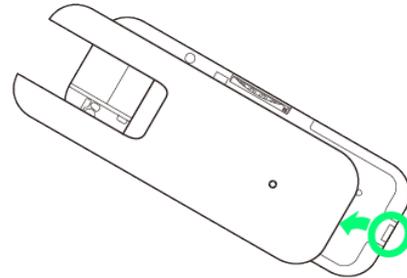
**1** IC chip

## USIM Card Installation

Remove modem from PC in advance.

**1**

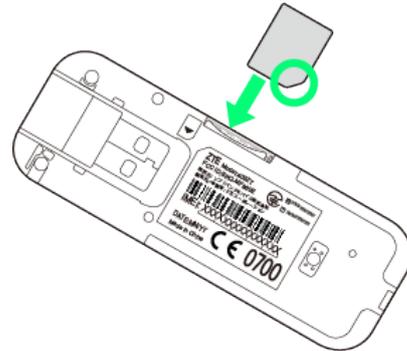
Remove Cover



- Put your fingernail into indentation (○) in cover, and lift it up.

**2**

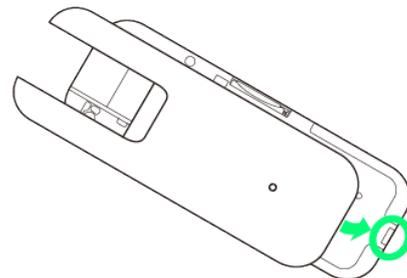
Insert USIM Card into USIM Card Slot



- Pay attention to notch's (○) orientation, and insert USIM Card into Slot in direction of arrow with IC chip down.
- Do not touch or scratch IC chip when installing USIM Card.

**3**

Replace Cover



 USIM Card installation is complete.

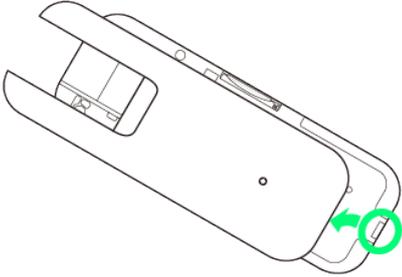
- Check that USIM Card is completely installed.

## Removing USIM Card

Remove modem from PC in advance.

**1**

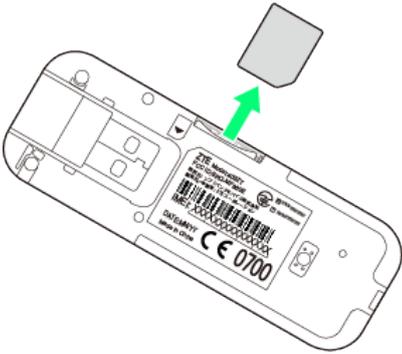
Remove Cover



- Put your fingernail into indentation (○) in cover, and lift it up.

**2**

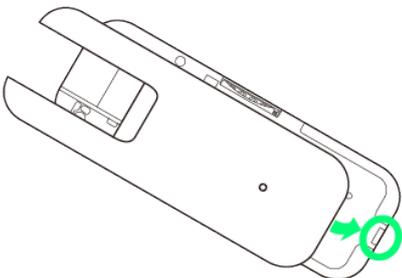
Remove USIM Card from USIM Card Slot



- Push USIM Card lightly until it clicks; when it pops out, remove it.
- Do not touch or scratch IC chip when installing USIM Card.

**3**

Replace Cover



🚩 USIM Card removal is complete.

## Setup (Windows PC)

|   |    |
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| Software Installation (Windows PC).....       | 11 |
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## Device Recognition/Removal on Windows PC

### Device Recognition (Windows PC)

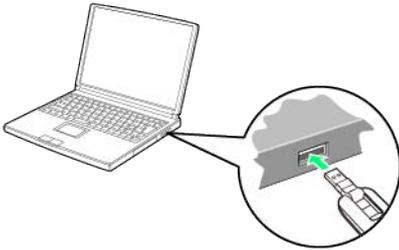
When connecting USB modem to a PC for the first time, driver software is automatically installed.

1

Power on PC

2

Connect USB modem to PC USB port



PC recognizes USB modem (it takes a while).

#### Does not auto-install

If driver does not auto-install on your PC, installation selection window may appear. Click "Setup.exe" to install driver.

### Device Removal (Windows 8.1/Windows 7)

Make sure that data transmission is finished and SoftBank 403ZT Utility is exited before removing USB modem.

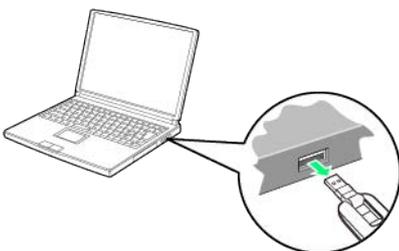
· For Windows 8 users, screenshots and messages in Windows 8.1 may differ.

1

on Task Tray → Eject CD Drive 403ZT

2

When message indicating safe removal appears, remove USB modem



Device removal is complete.

### Device Removal (Windows Vista)

Make sure that data transmission is finished and SoftBank 403ZT Utility is exited before removing USB modem.

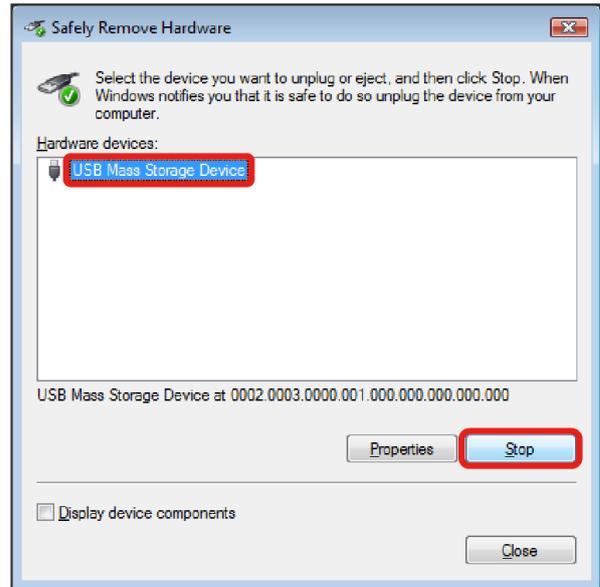
1

Double-click on Task Tray

"Safely Remove Hardware" appears.

2

USB Mass Storage Device → Stop

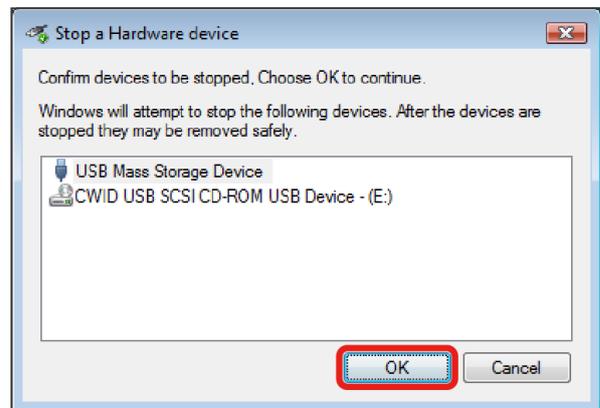


"Stop a Hardware device" appears.

· If multiple USB devices are connected to PC, make sure to select USB modem.

3

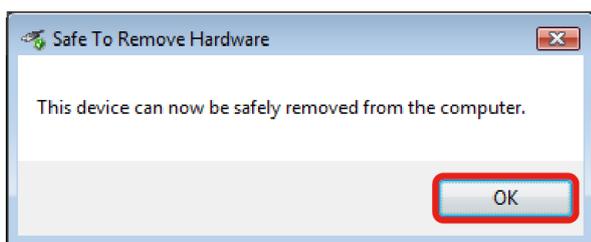
OK



Message indicating safe removal appears.

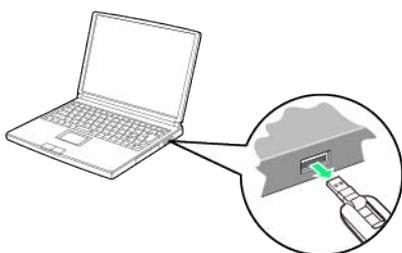
4

OK



5

When message indicating safe removal appears, remove USB modem



🚩 Device Removal is complete.

### ! Notes on USB modem Removal

#### Operation While in Standby/Sleep Mode

USB modem may malfunction if PC goes into standby (suspend/resume) or Sleep (hibernation) mode with it connected. Make sure to remove USB modem before PC goes into standby or Sleep mode. USB modem may malfunction if PC restarts or turns on with it connected. Remove USB modem before activating PC.

#### SoftBank 403ZT Utility

Exit SoftBank 403ZT Utility before removing USB modem from PC. Do not remove USB modem from PC during data communication.

## Software Installation (Windows PC)

When connecting USB modem to a PC for the first time, driver software is automatically installed.

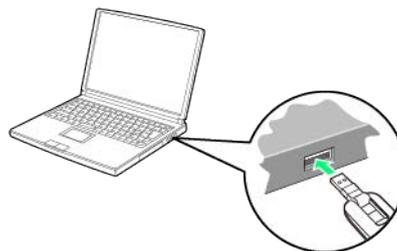
### Installing Device Driver for Windows 8.1

Start PC in advance.

- For Windows 8 users, the screenshots and messages in Windows 8.1 may differ.

1

Connect USB modem to USB port of PC



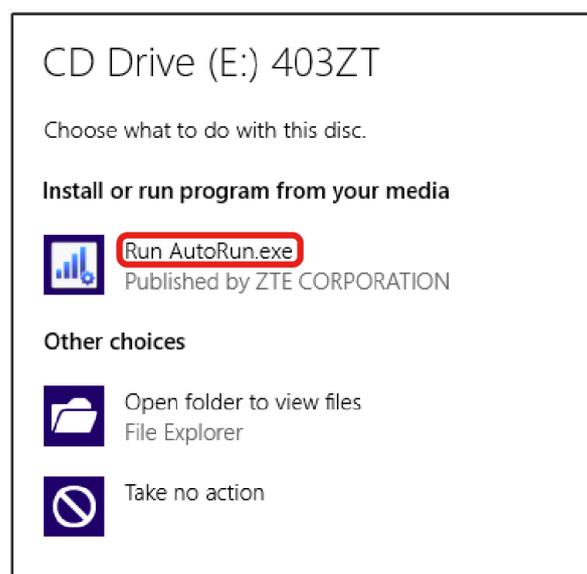
2

"403ZT"

CD Drive (E:) 403ZT  
Tap to choose what happens with this disc.

3

Run AutoRun.exe



🚩 "Choose Setup Language" dialog box appears.

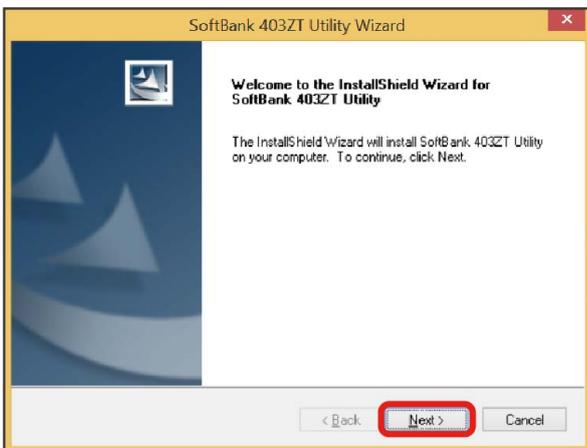
4

English → OK



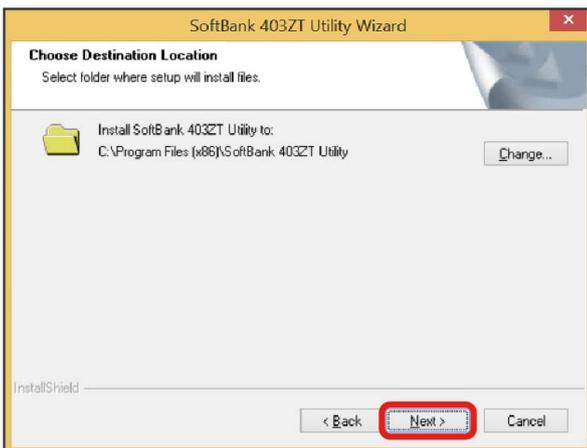
5

Next



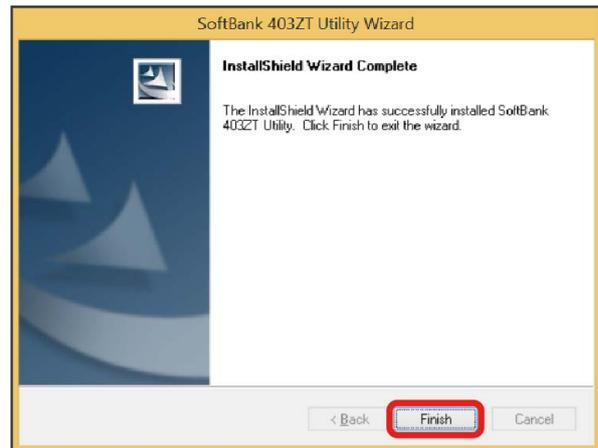
6

Specify a folder → Next


 Installation starts.

7

Finish

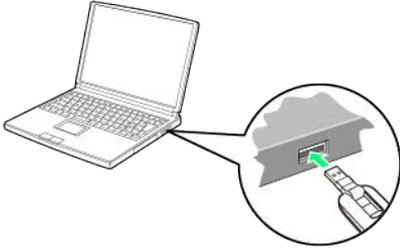

 When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

# Installing Device Driver for Windows 7

Start PC in advance.

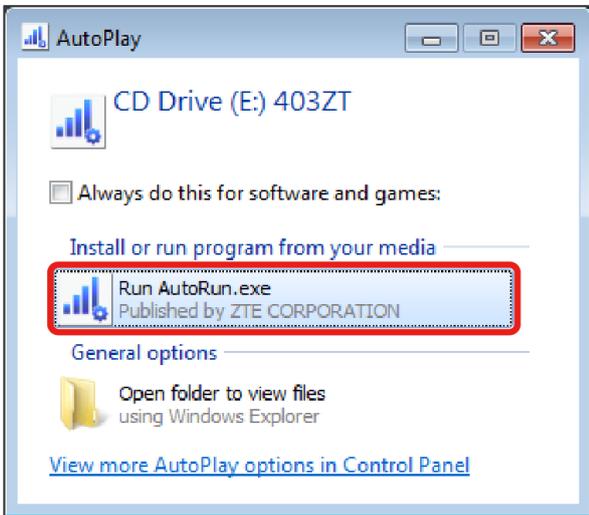
1

Connect USB modem to USB port of PC



2

Run AutoRun.exe



"Choose Setup Language" dialog box appears.

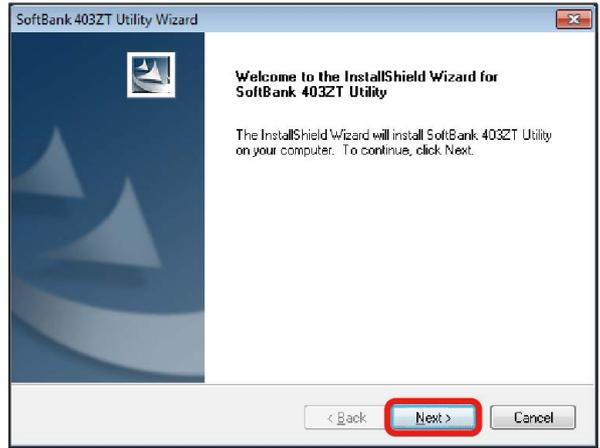
3

English → OK



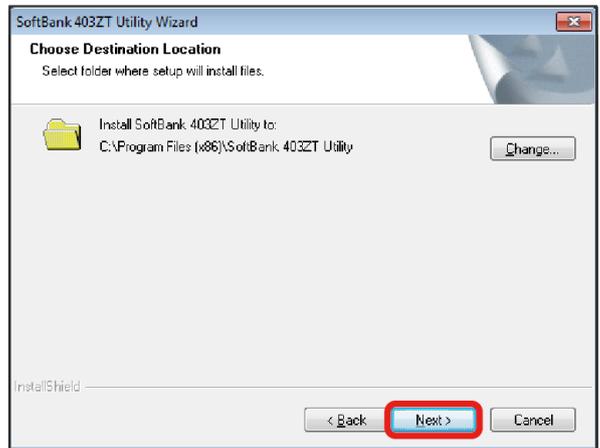
4

Next



5

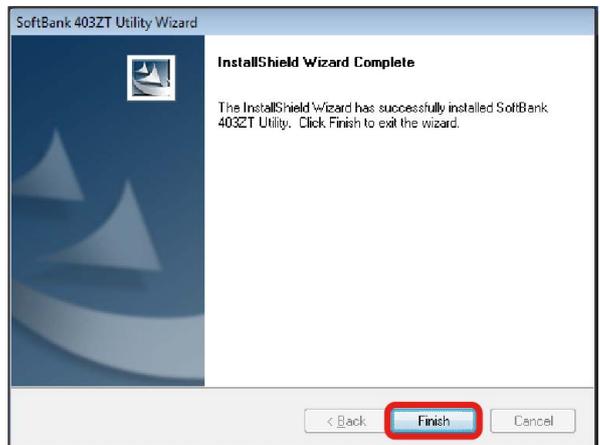
Specify a folder → Next



Installation starts.

6

Finish



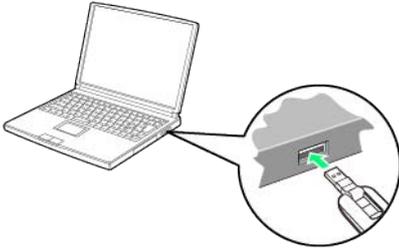
When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

## Installing Device Driver for Windows Vista

Start PC in advance.

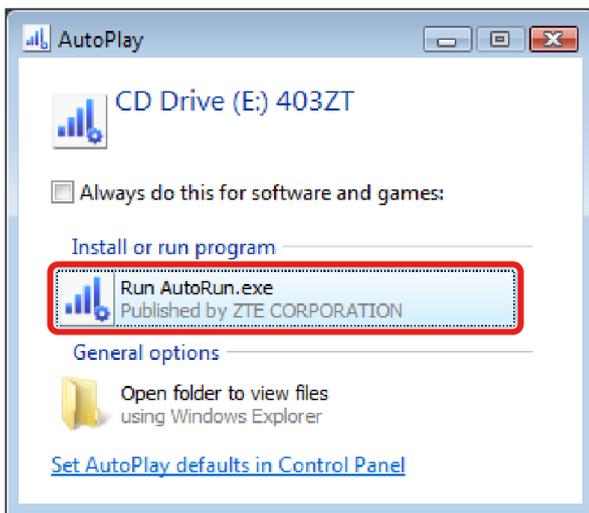
1

Connect USB modem to USB port of PC



2

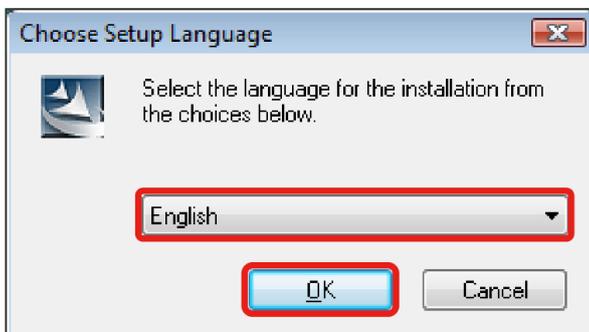
Run AutoRun.exe



"Choose Setup Language" dialog box appears.

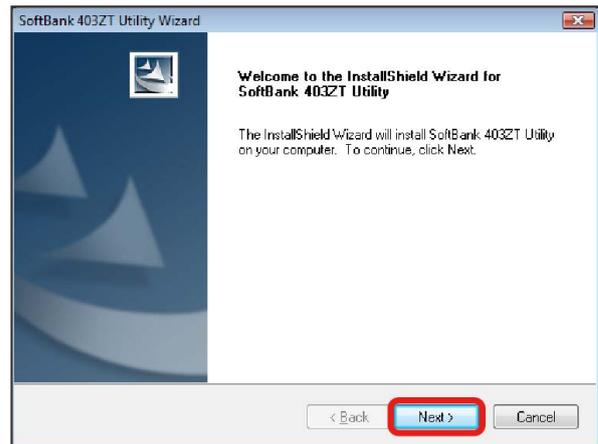
3

English → OK



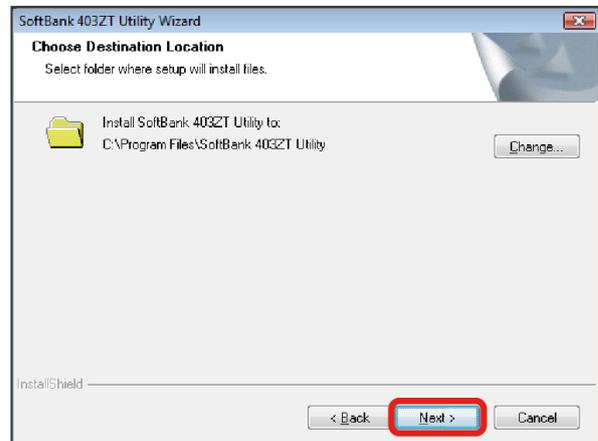
4

Next



5

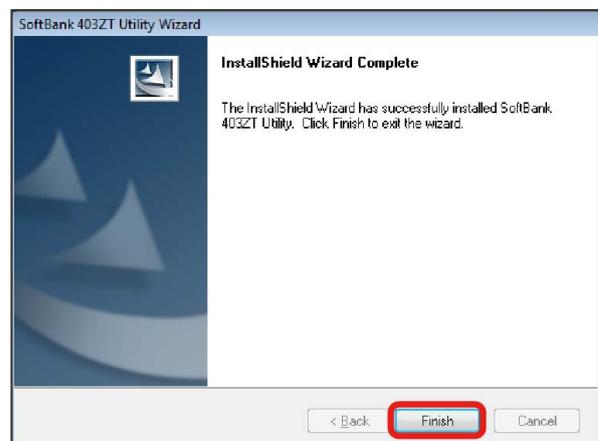
Specify a folder → Next



Installation starts.

6

Finish



When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

## Manual Installation (Windows 8.1)

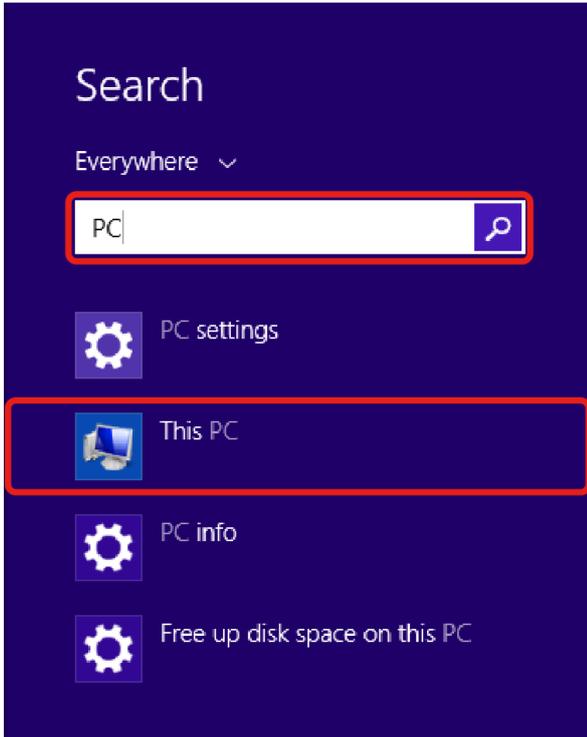
If installation fails to start automatically after connecting USB modem, follow these steps.

- For Windows 8 users, screenshots and messages in Windows 8.1 may differ.

1

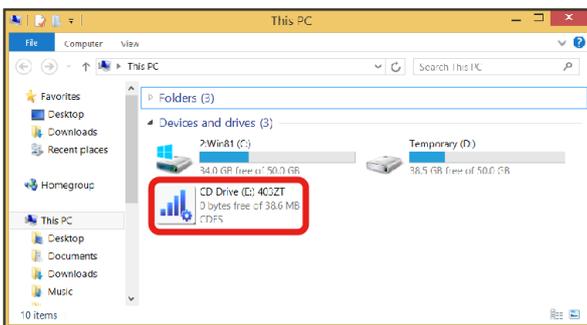
Swipe in from right edge (with mouse, move your pointer into upper-right corner) →  charm → Input "PC," 

This PC



2

"403ZT"



3

Perform step 3 and onward for "Installing Device Driver for Windows 8.1"

 When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

## Manual Installation (Windows 7)

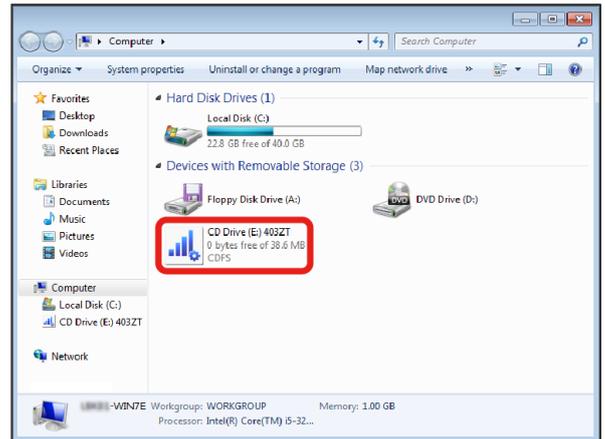
If installation fails to start automatically after connecting USB modem, follow these steps.

1

Start →  Computer

2

Double click "403ZT"



3

Perform step 2 and onward for "Installing Device Driver for Windows 7"

 When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

## Manual Installation (Windows Vista)

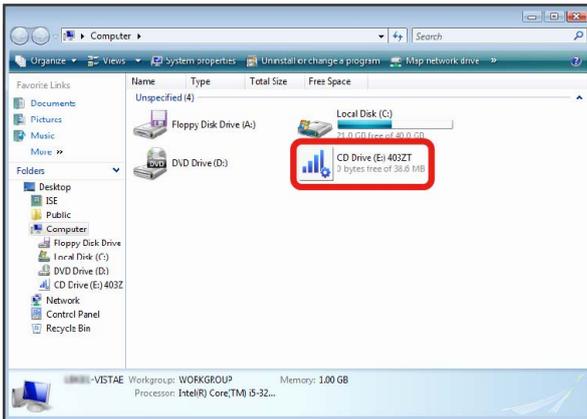
If installation fails to start automatically after connecting USB modem, follow these steps.

1

Start → Computer

2

Double-click "403ZT"



3

Perform step 2 and onward for "Installing Device Driver for Windows Vista"

When "SoftBank 403ZT Utility" shortcut icon appears on desktop screen, installation is complete.

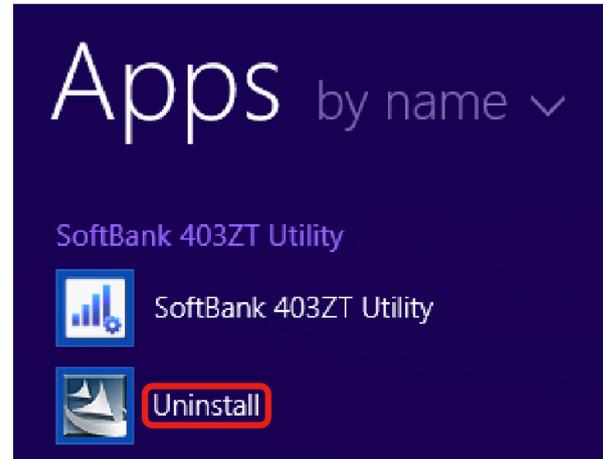
## Uninstalling Driver (Windows 8.1)

Remove USB modem from PC in advance.

For Windows 8 users, screenshots and messages in Windows 8.1 may differ.

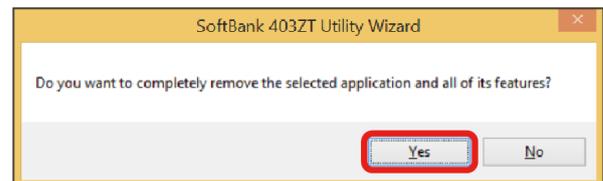
1

Uninstall SoftBank 403ZT Utility



2

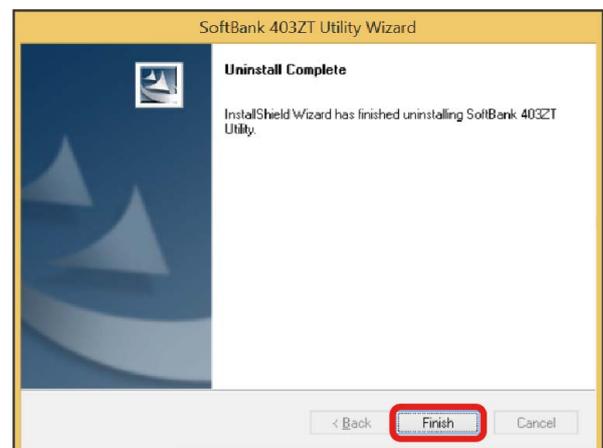
Yes



Uninstallation starts.

3

Finish



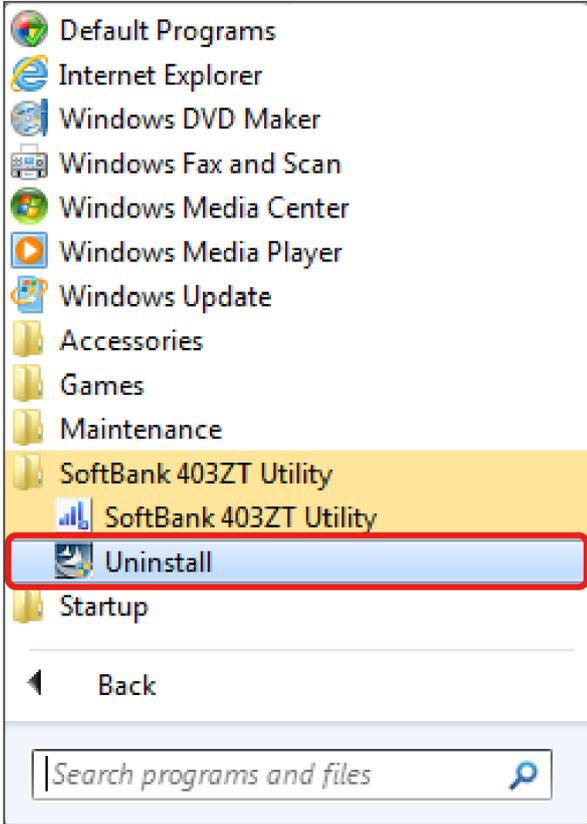
When "SoftBank 403ZT Utility" shortcut icon disappears from desktop screen, uninstallation is complete.

## Uninstalling Driver (Windows 7)

Remove USB modem from PC in advance.

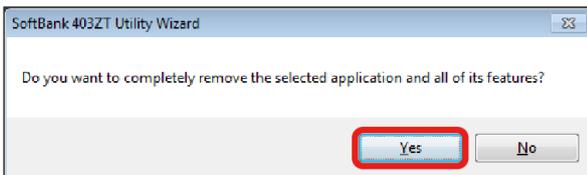
1

Start → All Programs → SoftBank 403ZT Utility → Uninstall



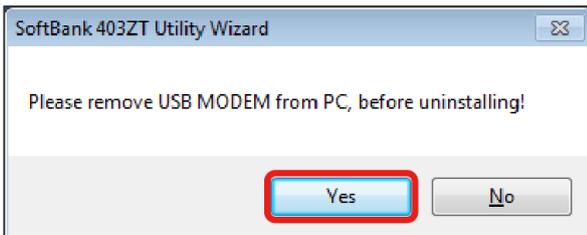
2

Yes



3

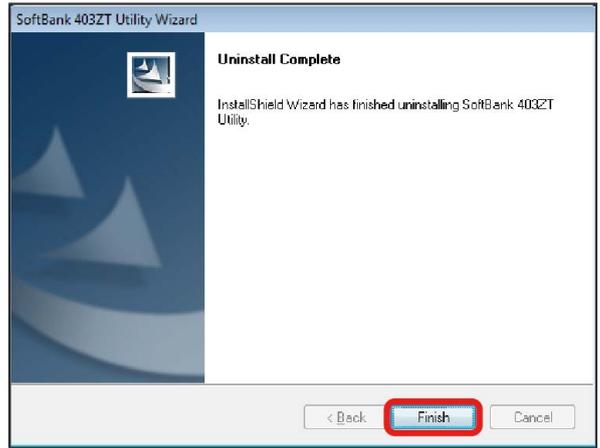
Yes



Uninstallation starts.

4

Finish



When "SoftBank 403ZT Utility" shortcut icon disappears from desktop screen, uninstallation is complete.

## Uninstalling Driver (Windows Vista)

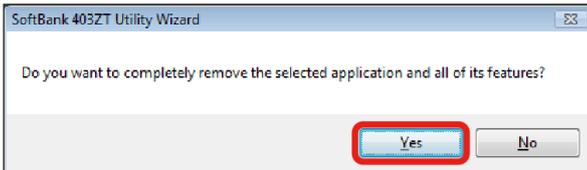
Remove USB modem from PC in advance.

1

Start → All Programs → SoftBank 403ZT Utility → Uninstall

2

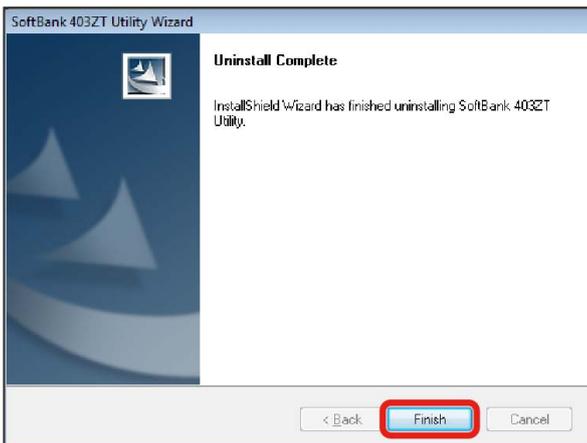
Yes



Uninstallation starts.

3

Finish



When "SoftBank 403ZT Utility" shortcut icon disappears from desktop screen, uninstallation is complete.

### ! Notes on Installation/Uninstallation

#### Removing

Do not remove device during installation/uninstallation. May cause failure of installation/uninstallation, system shutdown or other abnormality.

#### Administrative Privileges

Log in as Administrator.

#### User Account Control

"User Account Control" dialog box may appear depending on OS settings. Select "Yes" or "Allow," to continue operations.

#### Language Displays when Installing

Language of installer conforms to Windows OS language setting. The language is changeable during installation.

## Dial-Up Connection (Windows PC)

Phone number and account information for the access point are required to set a new dial-up connection. Contact internet service provider (ISP) or network administrator to get information in advance.

SoftBank 403ZT Utility is not available while connected to the Internet via a dial-up line.

Also, Internet connection is not available via IPv6 when using a Windows dial-up connection.

### Dial-Up Connection (Windows 8.1)

For Windows 8 users, the screenshots and messages in Windows 8.1 may differ.

1

Power on PC and activate operating system

2

Control Panel → Network and Internet → Network and Sharing Center → Set up a new connection or network

3

Select "Connect to the Internet" as a connecting option, then Next

4

Dial-up as method

- A device selection dialog box appears if other modems or terminal adapters are installed. Select USB modem ("Modem - ZTE Proprietary USB Modem").

5

Enter phone number and account information provided by ISP or network administrator, then Connect

6

In connection dialog box, Skip → Close

7

In "Network and Sharing Center," Change adapter settings → Select created access point icon, then Properties

8

In "Options"/"Security"/"Networking"/"Sharing" tabs in Properties dialog box, configure necessary settings for connection as provided from ISP or network administrator

9

In "General" tab in Properties dialog box, check that "Connection using" is "Modem - ZTE Proprietary USB Modem," and that "Phone number" is correctly set as entered in step 5, then mark "Use dialing rules," Dialing rules → Save/ edit location information, then OK → OK in Properties dialog box

10

charm → → Connect in Dial-up connection

11

In connection dialog box, Dial

USB modem connects via dial-up line.

## Dial-Up Connection (Windows 7)

1

Power on PC and activate operating system

2

Start → Control Panel → View network status and tasks → Set up a new connection or network

3

Select "Connect to the Internet," then Next

4

Dial-up

5

Enter phone number and account information provided by ISP or network administrator, then Connect

6

In connection dialog box, Skip → Close

7

In "Network and Sharing Center," Change adapter settings → Right-click created access point icon → Properties

8

In "Options"/"Security"/"Networking"/"Sharing" tabs in Properties dialog box, configure necessary settings for connection as provided from ISP or network administrator

9

In "General" tab in Properties dialog box, check that "Connection using" is "Modem - ZTE Proprietary USB Modem," and that "Phone number" is correctly set as entered in step 5, then mark "Use dialing rules," Dialing rules → Save/edit location information, then OK → OK in Properties dialog box

10

Right-click created access point icon in Network Connection dialog box → Connect

11

In connection dialog box, Dial

 USB modem connects via dial-up line.

## Dial-Up Connection (Windows Vista)

1

Power on PC and activate operating system

2

Start → Control Panel → View network status and tasks → Set up a new connection or network

3

Select "Set up a dial up connection," then Next

4

Enter phone number and account information provided by ISP or network administrator, then Connect

5

In connection dialog box, Skip → "Set up the connection anyway," then Close

6

In "Network and Sharing Center," Manage network connection → Right-click created access point icon → Properties

7

In "Options"/"Security"/"Networking"/"Sharing" tabs in Properties dialog box, configure necessary settings for connection as provided from ISP or network administrator

8

In "General" tab in Properties dialog box, check that "Connection using" is "Modem - ZTE Proprietary USB Modem," and that "Phone number" is correctly set as entered in step 4, then mark "Use dialing rules," Dialing rules → Save/edit location information, then OK → OK in Properties dialog box

9

Right-click created access point icon in Network Connection dialog box → Connect

10

In connection dialog box, Dial

 USB modem connects via dial-up line.

## Setup (Mac)

|  |    |
|--|----|
| Device Recognition/Removal on Mac..... | 22 |
| Software Installation (Mac).....       | 23 |

## Device Recognition/Removal on Mac

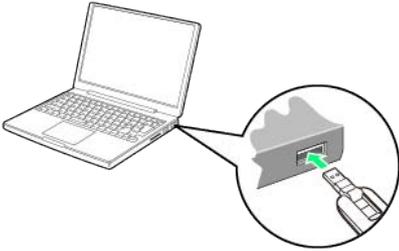
### Device Recognition (Mac)

1

Power on Mac

2

Connect USB modem to USB port of Mac



Mac recognizes USB modem (it takes a while).

### Device Removal (Mac)

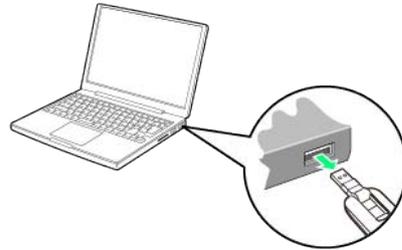
1

Devices → Click eject icon ( ) for USB modem



2

Remove USB modem from Mac



Device removal is complete.

### Notes on USB modem Removal

#### Operation While in Sleep Mode

USB modem may malfunction if Mac goes into Sleep mode with it connected. Make sure to remove USB modem before Mac goes into Sleep mode. USB modem may malfunction if Mac restarts or turns on with it connected. Remove USB modem before activating Mac.

#### SoftBank 403ZT Utility

Exit SoftBank 403ZT Utility before removing USB modem from Mac. Do not remove USB modem from Mac during data communication.

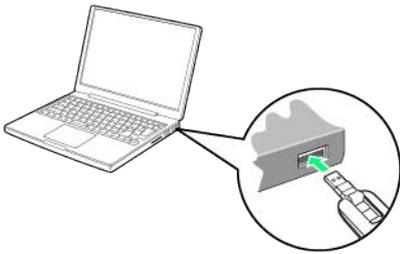
# Software Installation (Mac)

All screenshots and steps based on Mac OS X 10.10. Depending on OS version, screens and messages shown may differ.

## Installing Device Driver (Mac)

1

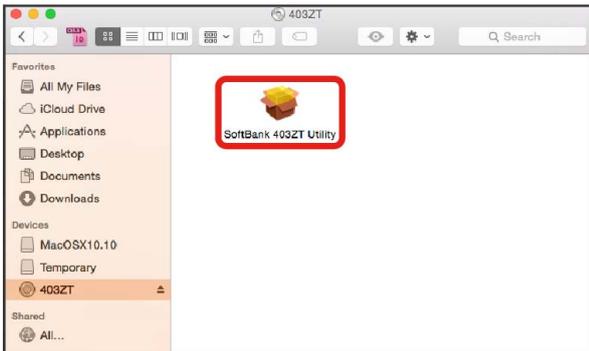
Connect USB modem to USB port of Mac



Shortcut icon appears on desktop and "SoftBank 403ZT Utility" folder automatically opens.

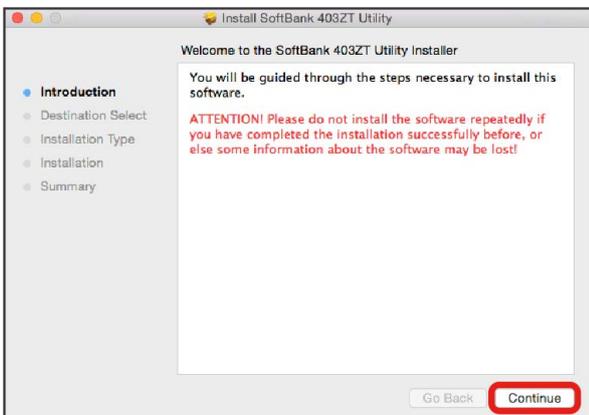
2

Double click "SoftBank 403ZT Utility"



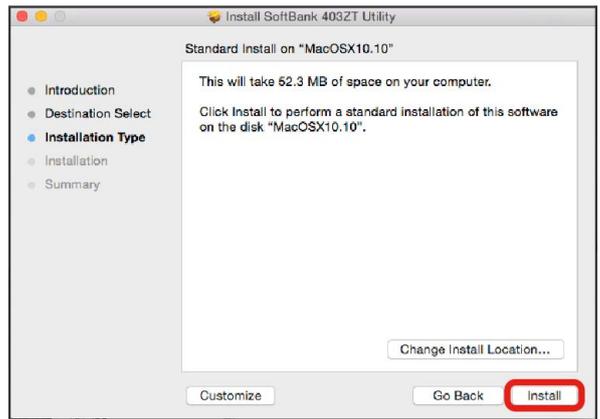
3

Continue



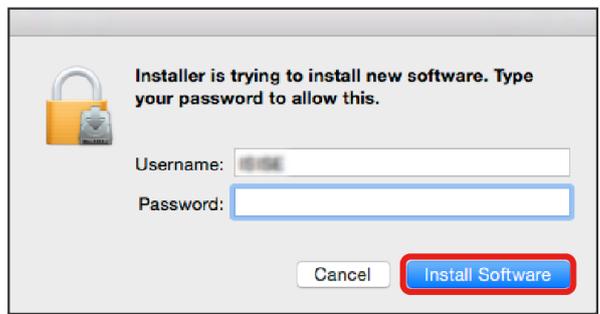
4

Install



5

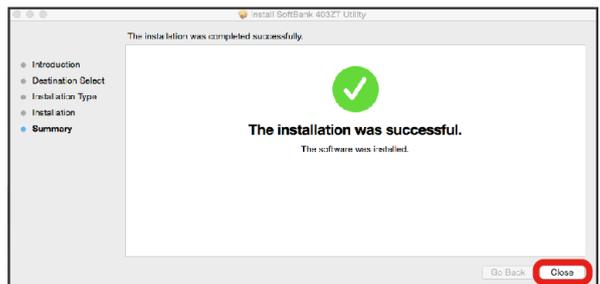
Enter Username and Password → Install Software



Installation starts.

6

Close



When "SoftBank 403ZT Utility" shortcut icon appears on Dock, installation is complete.

## Manual Installation (Mac)

If installation fails to start automatically after connecting USB modem, follow these steps.

1

🖱️ ➔ Devices ➔ Click "403ZT"

2

Double-click "SoftBank 403ZT Utility"



3

See " [Installing Device Driver \(Mac\)](#) " step 3 and onward

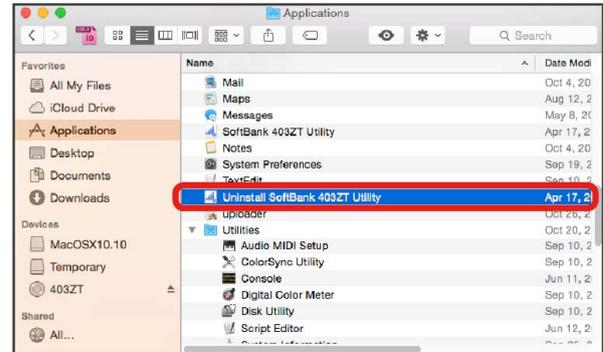
🚩 SoftBank 403ZT Utility shortcut icon appears on Dock.

## Uninstalling Driver (Mac)

Follow these steps to uninstall (delete) "SoftBank 403ZT Utility" from Mac if you do not need it any more.

1

🖱️ ➔ Applications ➔ Uninstall SoftBank 403ZT Utility

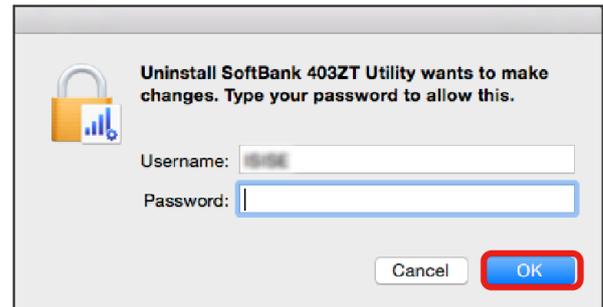


2

Uninstall

3

Enter Username and Password ➔ OK



🚩 Uninstallation starts.

4

Close

🚩 When "SoftBank 403ZT Utility" shortcut icon disappears from Dock, uninstallation is complete.

### ! Notes on Installation/Uninstallation

#### Removing

Do not remove USB modem during installation/uninstallation. May cause failure of installation/uninstallation, system shutdown or other abnormality.

#### Administrative Privileges

Log in as Administrator.

---

### Language during Installation

Language on installer depends on language setting of Mac OS. Language is unchangeable.



## Using SoftBank 403ZT Utility

|  |    |
|--|----|
| SoftBank 403ZT Utility Overview.....         | 28 |
| Connect/Disconnect to/from the Internet..... | 28 |
| Setting via SoftBank 403ZT Utility.....      | 30 |

## SoftBank 403ZT Utility Overview

"SoftBank 403ZT Utility" is software for connecting/disconnecting to/from the Internet.

A dial-up connection is not available while using SoftBank 403ZT Utility to connect to the Internet.

### Activating SoftBank 403ZT Utility

Setting up "SoftBank 403ZT Utility" on PC automatically activates "SoftBank 403ZT Utility" when USB modem is connected to PC USB port.

- If SoftBank 403ZT Utility does not activate automatically, select SoftBank 403ZT Utility icon. Select SoftBank 403ZT Utility icon from task bar (menu bar for Mac) as well.

### Layout



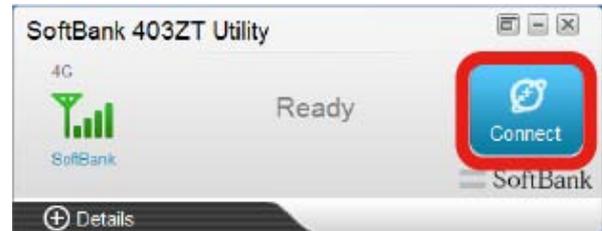
| Item                        | Description  |
|-----------------------------|--|
| <b>1</b> Status             | Indicates device information, sets language, minimizes and exits utility   |
| <b>2</b> Status Indication  | Indicates reception, type of connected mobile network and name of network<br>LTE : Connected to SoftBank 4G LTE<br>4G : Connected to SoftBank 4G<br>3G : Connected to SoftBank 3G<br>GSM : Connected to GSM<br>R : Roaming |
| <b>3</b> Connect/Disconnect | Connects/disconnects to/from network   |
| <b>4</b> Details Icon       | Opens menu for accumulation data and settings  |

## Connect/Disconnect to/from the Internet

### Connect

**1**

In SoftBank 403ZT Utility main screen, **Connect**



 PC is connected to Internet.

### Disconnect

**1**

In SoftBank 403ZT Utility main screen while connected to Internet, **Disconnect**



 PC is disconnected from Internet.

## Checking Communication History

Check Communication History and accumulation data for specified time periods.

- Changing time set on PC during connection may affect connection time indicator.
- History is provided for reference only. Actual connection data may differ from history.

### 1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

- Check day and month's total upload capacity, total download capacity and total connection time.

### 2

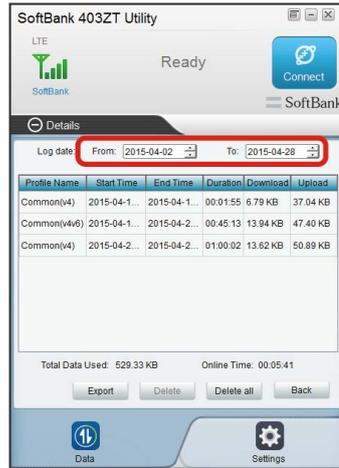
#### Records



 Connection history appears.

### 3

 of "From" and "To"



 Connection history in between "From" and "To" appears.

- Select multiple lines of communication history, or delete all of the items.
- Select **Export** to write communication history results to HTML.

## Setting via SoftBank 403ZT Utility

### Setting Auto Connection

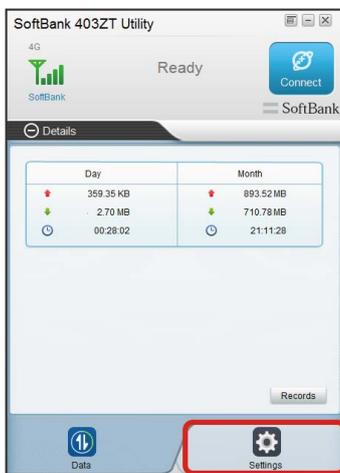
At the same time SoftBank 403ZT Utility is activated, PC connects to the Internet access point that has been set.

1

In SoftBank 403ZT Utility main screen, 

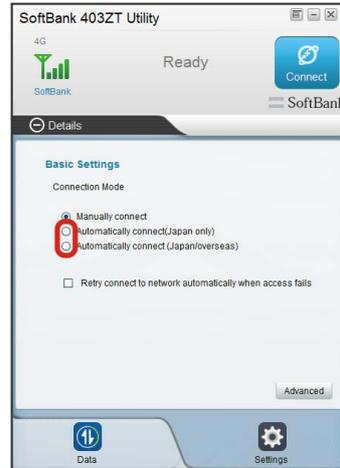
 Details screen appears.

2



3

Automatically connect (Japan only) / Automatically connect (Japan/overseas)



 Connection Mode becomes "Automatically connect."

- If "Automatically connect (Japan only)" was selected, PC does not automatically connect to overseas network. To connect to access point overseas, connect manually.
- If "Automatically connect (Japan/overseas)" was selected, "International data roaming. Manage your mobile broadband data connection. Continue?" shows. If selecting **Yes**, PC automatically connects abroad as well as in Japan.
- If **Retry connect to network Automatically when access fails** was selected, PC continues trying to connect until it connects to the Internet.

## Showing Details Settings

1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

2



3

Advanced



 List of available connection settings shows.

## Creating Connection Settings

1

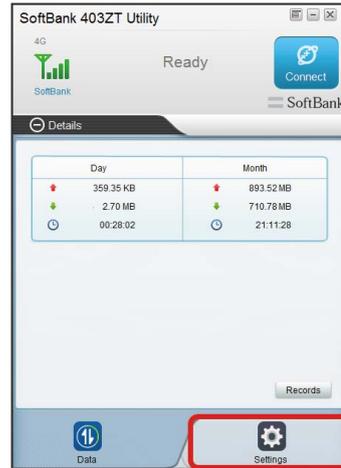
Connection is not available via IPv6 when connection type is set to RAS.

1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

2



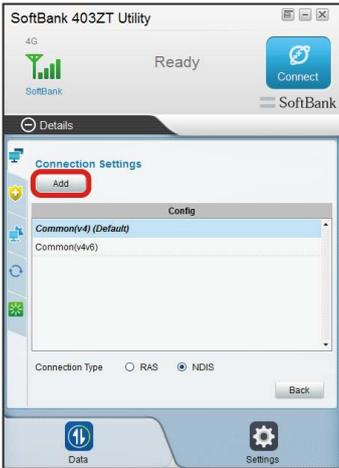
3

Advanced



4

Add



New Access Point (Basic) screen appears.

5

Set each item → Save



New access point is added in the list of connection settings.

- Please be sure to enter Profile Name and APN.
- If the settings are for DNS, select **Advanced**.

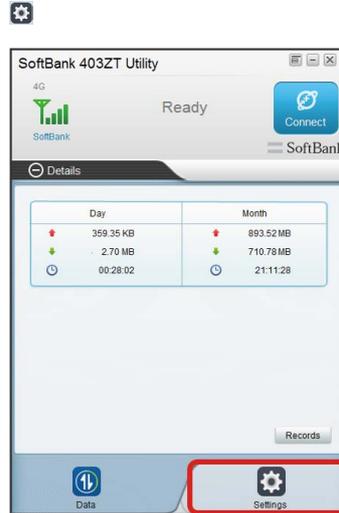
Setting Connection Settings as Default

1

In SoftBank 403ZT Utility main screen, ⊕

Details screen appears.

2



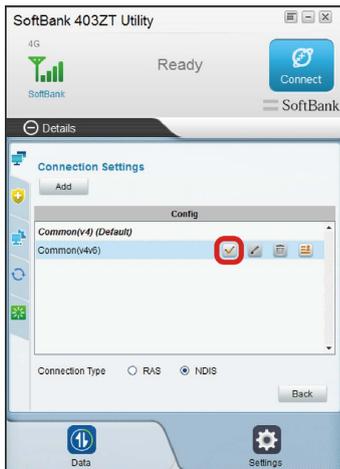
3

Advanced



4

Point cursor to connection setting to set as default → ✓



Selected connection setting is set as default. "(Default)" appears.

#### Network connection retry default

If "Common(v4v6)" is set as the default connection setting, "Profile has been set for IPv4/IPv6. Retry the network connection is enabled." appears, and **Retry connect to network Automatically when access fails** on Basic Settings screen is selected. See "[Setting Auto Connection](#)" for Basic Settings screen details.

## Editing Connection Settings

1

In SoftBank 403ZT Utility main screen, ⊕

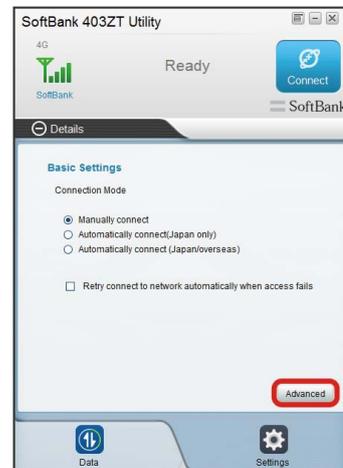
Details screen appears.

2



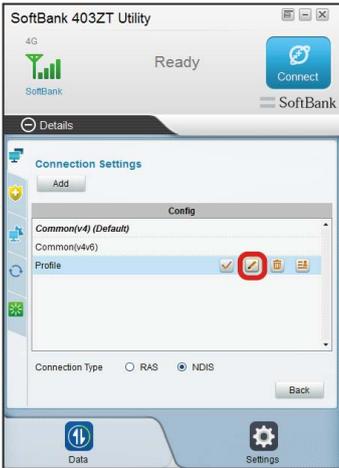
3

#### Advanced



4

Point cursor to connection setting to edit → ✎



Access Point (Basic) screen appears.

- Editing is not available for connection setting that is set as default.

5

Edit each item → Save



Updated to edited connection setting.

- To edit DNS, select **Advanced** .

Deleting Connection Settings

1

In SoftBank 403ZT Utility main screen, ⊕

Details screen appears.

2



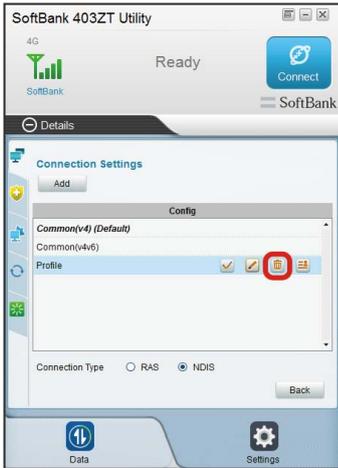
3

Advanced



4

Point cursor to connection setting to delete → 



· Deleting is not available for connection setting that is set as default.

5

Yes



 Connection setting is deleted from list of connection settings.

## Enabling PIN Authentication

1

In SoftBank 403ZT Utility main screen, 

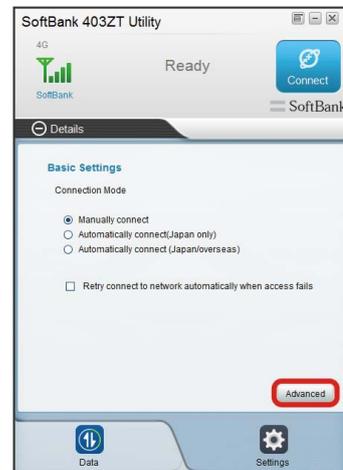
 Details screen appears.

2

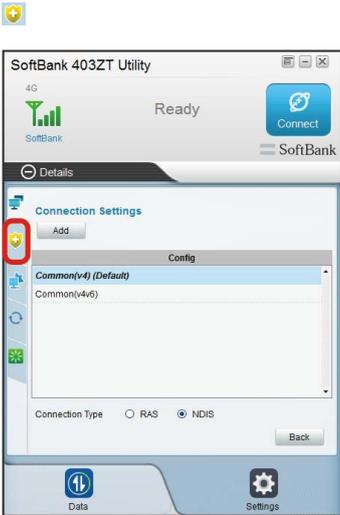


3

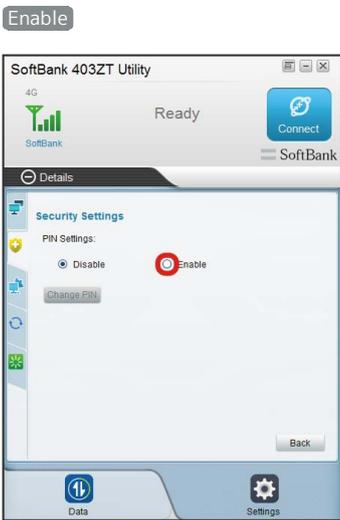
Advanced



4



5



6

Enter PIN → OK



· USIM PIN is set to "9999" by default.

7

OK



Screen returns to Security Settings screen.

# Disabling PIN Authentication

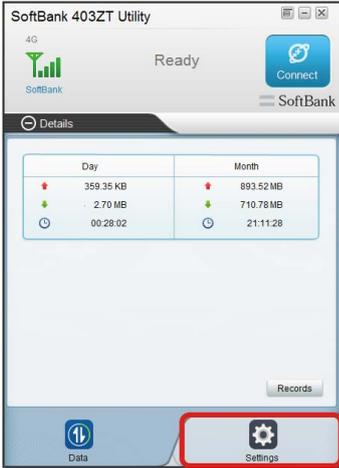
1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

2





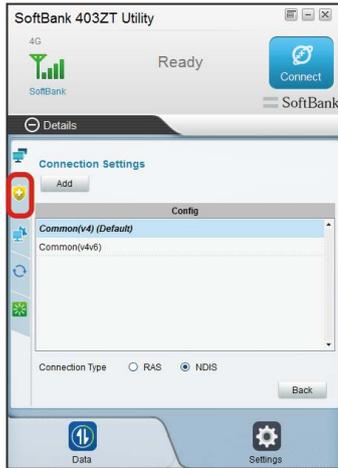
3

Advanced



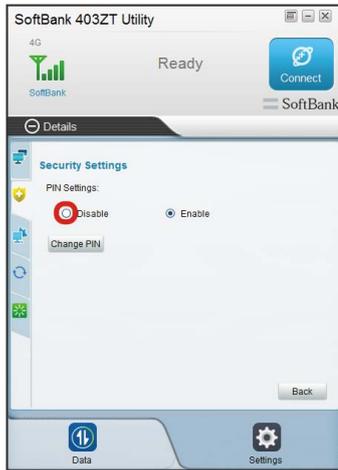
4





5

Disable



6

Enter PIN  



7

OK



Screen returns to Security Settings screen.

## Changing PIN

PIN is changed only when PIN authentication is enabled.

1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

2

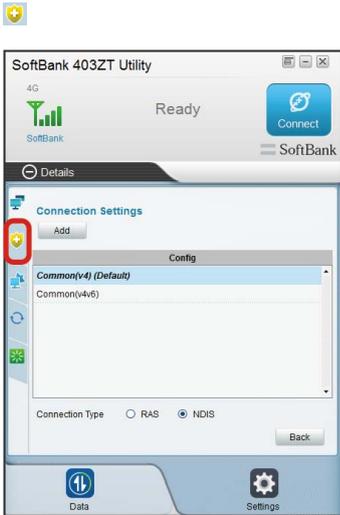


3

### Advanced

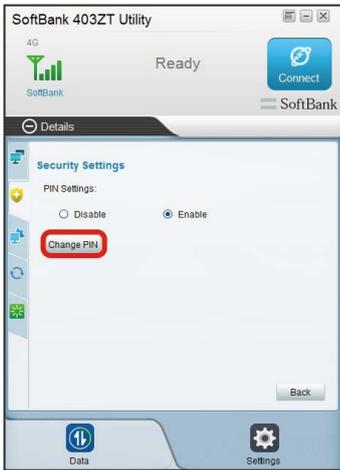


4



5

Change PIN



6

Enter old PIN/new PIN/new PIN (again) → OK



7

OK



Screen returns to Security Settings screen.

### Verifying PIN

If PIN authentication is enabled, Verify PIN dialog box appears when USB modem is reconnected to PC and recognized.

1

Enter correct PIN in Verify PIN dialog box → OK



PIN is verified, and SoftBank 403ZT Utility main screen appears.

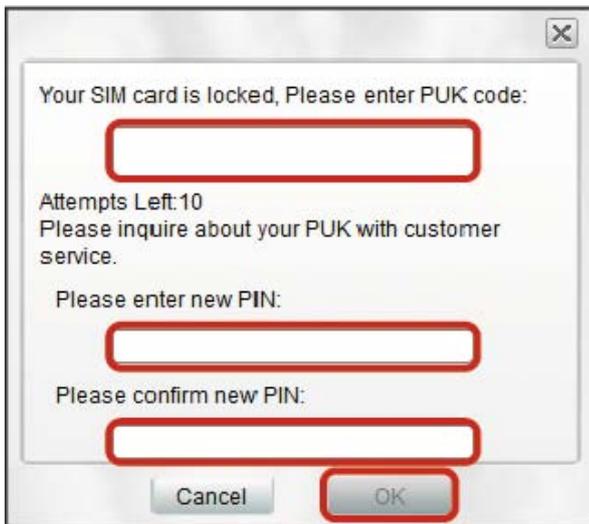
## Unlocking PIN Lock

Incorrectly entering PIN three consecutive times activates PIN Lock, and requires PIN Unlocking Key (PUK code).

- For details about PUK code, contact [SoftBank Customer Support](#), General Information.
- Incorrectly entering PUK code ten consecutive times locks USB modem completely, and requires new USIM Card. Contact [SoftBank Customer Support](#), General Information. Prescribed fee applies.

1

Enter PUK code /new PIN/new PIN (again) in Unlock PIN dialog box → **OK**



PIN lock is unlocked, and SoftBank 403ZT Utility main screen appears.

- If "User Account Control" appears, select **Yes** .

## Selecting Network

1

In SoftBank 403ZT Utility main screen,

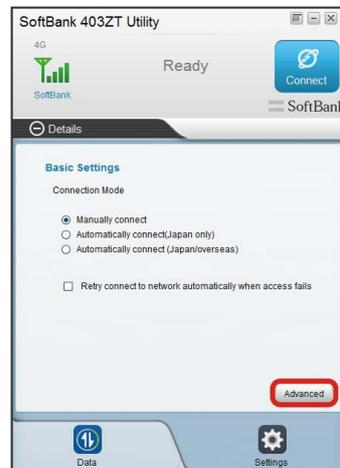
Details screen appears.

2



3

Advanced

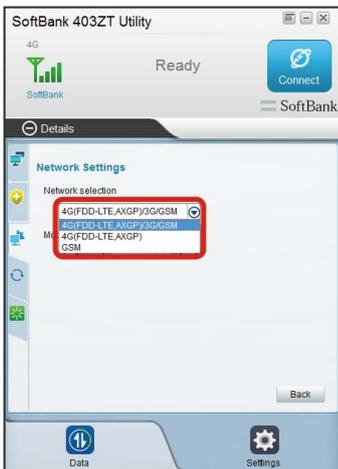


4



5

Select network with  in "Network selection"



6

OK



 Network type is changed.

## Setting Search Method for Network

1

In SoftBank 403ZT Utility main screen, 

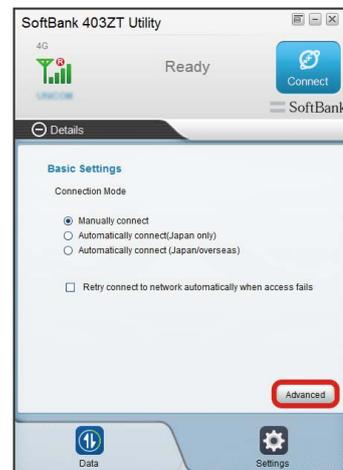
 Details screen appears.

2

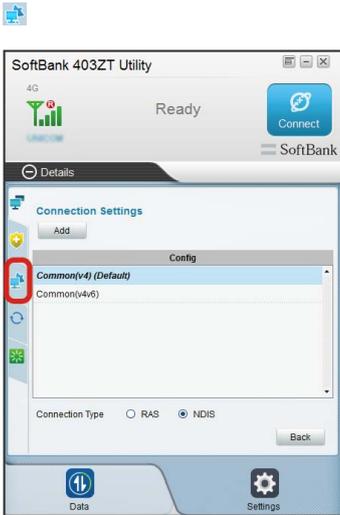


3

Advanced

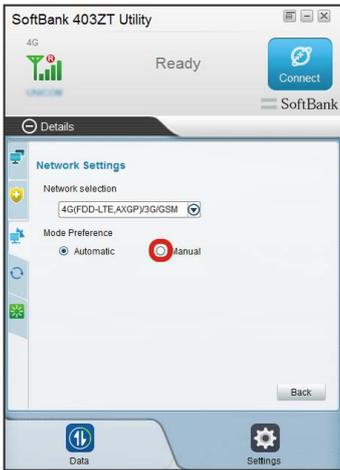


4



5

Manual



· The network is automatically connected to if mode setting is not changed ( Automatic ). Skip next step.

6

Search



Networks are searched.

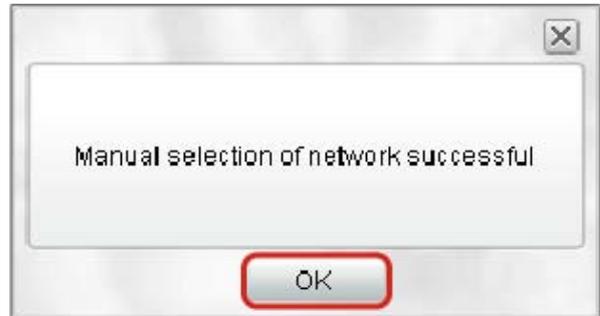
7

Select Operator Name → Register



8

OK



Network is registered.

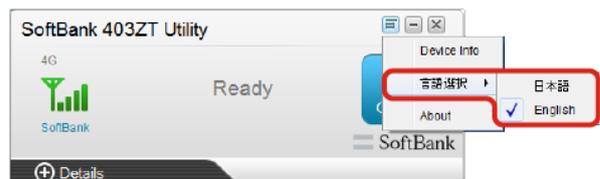
· If Manual is set for Mode Preference, select network manually when USB modem is out of service area, etc.

## Setting Language

Change SoftBank 403ZT Utility language.

1

In SoftBank 403ZT Utility main screen, 言語選択 → 日本語 / English

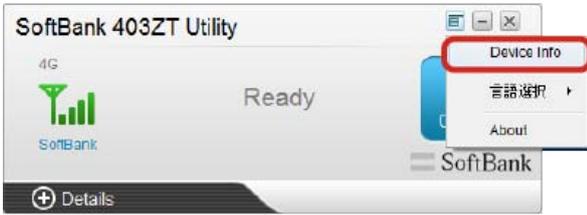


Display changes to selected language.

## Checking Device Information

1

In SoftBank 403ZT Utility main screen,  **Device Info**



2

**Hardware Info** / **USIM Info**



 Toggle between display of USB modem's hardware information and USIM information.

## Resetting Device

1

In SoftBank 403ZT Utility main screen, 

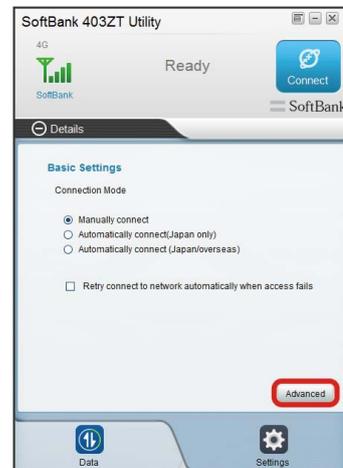
 Details screen appears.

2

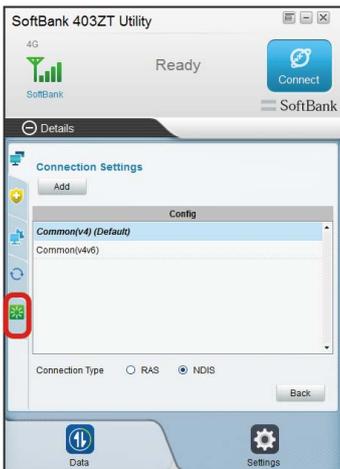


3

**Advanced**

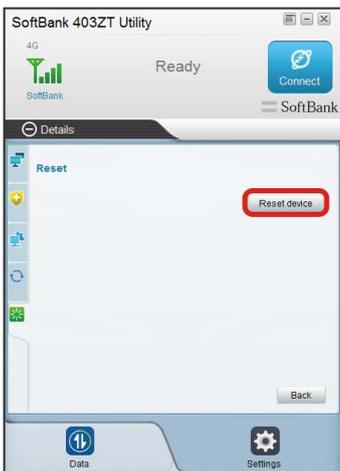


4



5

Reset device



6

Yes



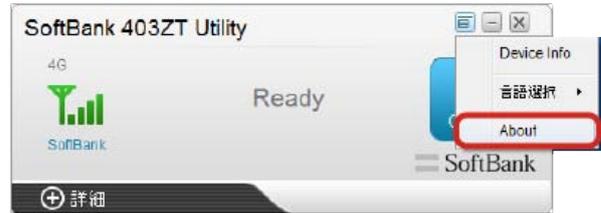
☑ All settings are restored to their factory defaults.

- When complete, USB modem reboots and SoftBank 403ZT Utility main screen appears.

## Checking Utility

1

In SoftBank 403ZT Utility main screen, **About**



☑ Utility version information and copyright notice screen appears.

2

OK



☑ Screen returns to SoftBank 403ZT Utility main screen.

## Updating Software

Detect and download software updates, and update USB modem using SoftBank 403ZT Utility.

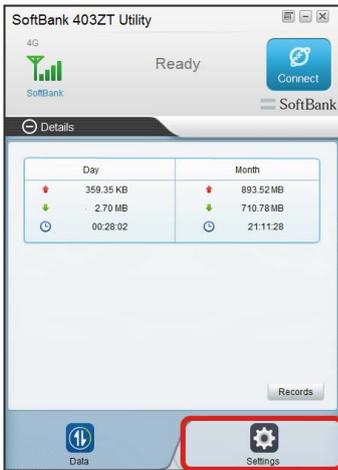
- Operating Online Update during data transfer stops data transfer.
- Online Update is not available outside Japan.

1

In SoftBank 403ZT Utility main screen, 

 Details screen appears.

2

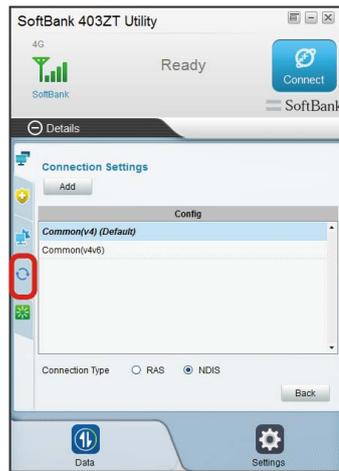


3

Advanced



4



5

Check for Update



6

Yes

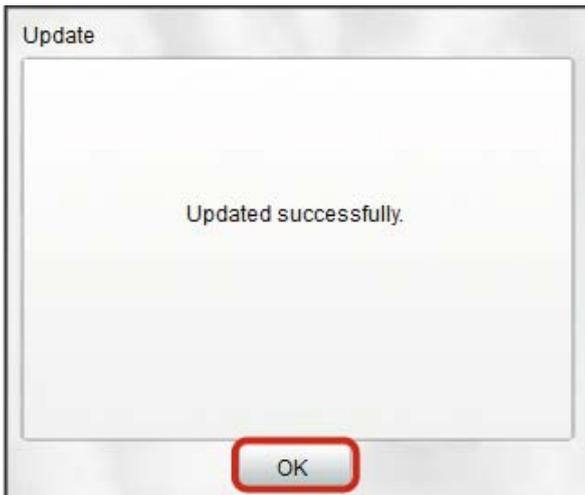


 Available software update is checked for.

- When software update is not available, "Checking the latest software." appears.

7

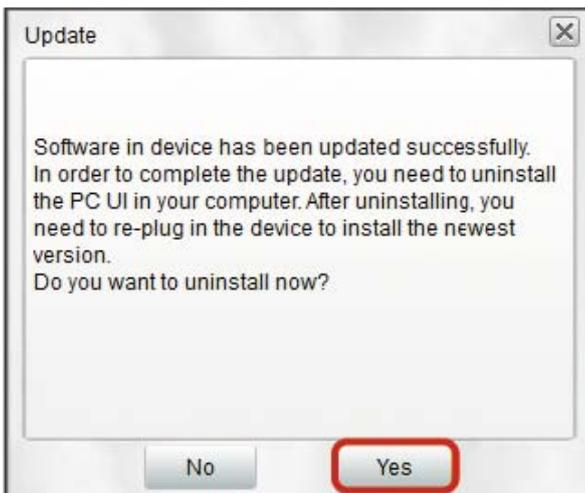
OK



 Software on USB modem is updated.

8

Yes



 USB modem reboots.

· After rebooting USB modem, versions of SoftBank 403ZT Utility installed in PC and in USB modem are checked automatically. For Windows, an old version of SoftBank 403ZT Utility is uninstalled before installation of new software starts. For Mac, installation of new SoftBank 403ZT Utility starts. For instructions on uninstallation and installation, see "[Software Installation \(Windows PC\)](#)," "[Software Installation \(Mac\)](#)."

## Appendix

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## Troubleshooting

### Check Here First

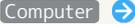
If problem persists, visit your nearest SoftBank Shop or contact [SoftBank Customer Support](#), General Information.

### ? Hints

- Q. PC does not recognize USB modem
- A. Confirm that USB modem is properly connected to PC.
- A. Remove USB modem from PC, restart PC, then reconnect USB modem.
- A. Make sure that "CWID USB SCSI CD-ROM USB Device," "ZTE Diagnostics Device (COMx)," "ZTE Proprietary USB Modem #x," "ZTE UI AT Interface (COMx)," "ZTE USB Composite Device," "ZTE Wireless Ethernet Adapter #x," and "USB Mass Storage Device" are shown in "Device Manager" of PC.

For Windows 8.1: Right-click  → 

For Windows 7: Right-click  →  →  →  → 

For Windows Vista: Right-click  →  →  →  → 

- Q. Installer does not automatically activate (Windows PC)
- A. New hardware recognition takes time. Wait for a few seconds. If installer does not automatically activate, remove USB modem from PC, then reconnect.
- A. Install driver manually. For details, see "[Manual Installation \(Windows 8.1\)](#)," "[Manual Installation \(Windows 7\)](#)," "[Manual Installation \(Windows Vista\)](#)" for installation.
- A. Operating environment may also affect performance. Check "[Operating Environment \(Compatible OSs\)](#)."
- Q. Internet connection fails
- A. Make sure you are within the service area.
- A. If signal reception is poor, move to where signal is strong, then reconnect.
- A. The access point might be busy depending on the time of day, wait a little while then reconnect.
- A. Activate SoftBank 403ZT Utility and confirm that network setting is correct.
- A. If temperature of USB modem remains high for a long time, communication speed may decrease or communication may stop. Try to connect after a while.

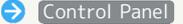
- Q. Transmission fails
- A. Confirm that USB modem and PC are properly connected.

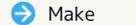
- A. Signal may be weak. Move to where signal is stronger.
- A. Remove USB modem from PC, then reconnect.

- Q. Transmissions are slow
- A. Signal may be weak. Move to where signal is stronger.
- A. Connection may be poor. Try again later.
- A. Transmission might not be stable depending on the state of USB modem. Rotate the USB Connector of USB modem and adjust the angle at which transmission is stabilized.

- Q. Forgot PIN/Unknown PUK code/USIM Card is locked
- A. Contact [SoftBank Customer Support](#), General Information.

- Q. USIM Card is not recognized
- A. Make sure USIM Card is inserted correctly. For details, see "[USIM Card Installation](#)."
- A. Check USIM Card for warping.
- A. Check USIM Card IC chip for scratches/corrosion.
- A. Debris on USIM Card (particularly on IC chip) may prevent recognition. Clean it with a soft cloth.
- A. Contact [SoftBank Customer Support](#), General Information.

- Q. Confirming Administrator logon
- A. For Windows 8.1, follow these steps to check.
- Right-click  →  →  in User Accounts → Make sure that the account type you are logging in as is "Administrator."

- A. For Windows 7 or Windows Vista, follow these steps to check.
-  →  →  →  → Make sure that the account type you are logging in as is "Administrator."

- A. For Mac OS X (10.10), follow these steps to check.
- In Dock,  →  → Confirm that account type is "Administrator."

- Q. Communication is not available without service indicated when moving from Japan to abroad
- A. Restart PC, then reconnect USB modem.

- Q. Resetting factory defaults (Reset)
- A. Use SoftBank 403ZT Utility to reset. For details, see "[Resetting Device](#)."

- Q. USB modem operations are unstable
- A. Confirm that USB modem is not used in extreme temperatures/high humidity/direct sunlight/dusty areas. Read "[Safety Precautions](#)" beforehand for using under proper environment.
- A. Confirm that improper software is not used. Operation is not guaranteed for Internet connection using software provided by manufacturer other than SoftBank Mobile Corp.
- Q. USB modem suddenly disabled
- A. Remove USB modem from PC, then reconnect.

## Specifications

### USB Modem

| Item                  | Description  |
|-----------------------|--|
| Product Name          | 403ZT  |
| Dimensions            | 14.0 mm (H) x 92.3 mm (W) x 33.3 mm (D)  |
| Weight                | 42 g   |
| Interface             | USB 2.0 High Speed (USB terminal)  |
| Power Consumption     | On communication: 2.5 W<br>On standby: 0.13 W<br>*Power consumption varies by usage.   |
| Operation Environment | Operating Temperature: -10°C to 55°C<br>Operating Humidity: 5% to 95%  |
|                       | Japan:<br>AXGP: 2.5 GHz<br>FDD-LTE: 900 MHz, 1.7 GHz, 2.1 GHz<br>3G: 900 MHz, 2.1 GHz  |
| Compatible Networks   | Overseas:<br>AXGP: 2.5 GHz<br>FDD-LTE: 800 MHz, 900 MHz, 1.7 GHz, 1.9 GHz, 2.1 GHz<br>3G: 850 MHz, 900 MHz, 2.1 GHz<br>GSM: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz   |
|                       | AXGP :<br>Upstream: 2496 to 2690 MHz<br>Downstream: 2496 to 2690 MHz<br>FDD-LTE :<br>Upstream: 814 to 849, 880 to 915, 1710 to 1785, 1850 to 1915, 1920 to 1980 MHz<br>Downstream: 859 to 894, 925 to 960, 1805 to 1880, 1930 to 1995, 2110 to 2170 MHz<br>3G :<br>Upstream: 824 to 849, 880 to 915, 1920 to 1980 MHz<br>Downstream: 869 to 894, 925 to 960, 2110 to 2170 MHz<br>GSM :<br>Upstream: 824 to 849, 880 to 915, 1710 to 1785, 1850 to 1910 MHz<br>Downstream: 869 to 894, 925 to 960, 1805 to 1880, 1930 to 1990 MHz |
| Frequency             |  |

### USB Extension Cable (optional accessory)

| Item         | Description                  |
|--------------|------------------------------|
| Product Name | USB Extension Cable (ZEDAY1) |
| Cable Length | 20 cm                        |
| Plug Type    | Standard USB Plug            |

## Material List

| Parts   | Materials/Finishing            |
|---|--------------------------------|
| USB modem:<br>Outer case<br>(Surface)                               | PC/PU coating                  |
| USB modem:<br>Outer case<br>(Back)                                  | PC/UV coating                  |
| USB modem:<br>USIM Cover  | PC/PU coating                  |
| USB modem:<br>USIM Slot   | Stainless Steel/Nickel plating |
| USB modem:<br>USB Plug  | PC/UV coating                  |
| USB modem:<br>USB Connector   | Stainless Steel                |
| USB modem:<br>Light   | PC                             |
| USB Extension<br>Cable<br>(optional<br>accessory):<br>Outer case    | TPE                            |
| USB Extension<br>Cable<br>(optional<br>accessory):<br>USB Connector | Stainless Steel/Nickel plating |

## Warranty & Service

### Warranty

USB modem purchase includes Warranty.

- Confirm shop name and purchase date.
- Read contents of Warranty and keep it in a safe place.
- The warranty period can be found in the Warranty.

### ⚠️ Precaution

#### Damages

SoftBank Mobile Corp. is not liable for any damages resulting from use of USB modem.

#### Accidents/Repair

Files and settings may be lost or altered due to accidents or repairs. Keep a copy etc. of important files. Keep a copy of important files, etc. SoftBank Mobile Corp. is not liable for damages resulting from loss or alteration of files or settings due to accident or repair.

#### Disassembling/Modifying USB Modem

Disassembling or modifying this USB modem may be a violation of the Radio Law. Note that SoftBank Mobile Corp. does not accept repair requests for modified products.

### Services

Before submitting USB modem for repairs, contact [Customer Service](#), General Information or a SoftBank Shop; be prepared to describe problem in detail.

- During the warranty period, repairs will be made under the terms and conditions described in the Warranty.
- After the warranty period, repairs will be upon request; if said repairs can be made, you will be charged for them.

### 💡 Further Inquiry

For more information, contact SoftBank Shop or [SoftBank Customer Support](#).

## Customer Service

For application or service information, call SoftBank Technical Support Center.

### SoftBank Customer Support

#### General Information

From a SoftBank handset, dial toll free at 157  
From a landline/IP phone, dial toll free at 0800-919-0157

#### For Customer Assistance

From a SoftBank handset, dial toll free at 113  
From a landline/IP phone, dial toll free at 0800-919-0113  
If you cannot reach a toll free number, use the number (charges apply) below for your service area:  
Hokkaido Area, Tohoku Area, Hokuriku Area, Kanto & Koshinetsu Area: 022-380-4380 (charges apply)  
Tokai Area: 052-388-2002 (charges apply)  
Kansai Area: 06-7669-0180 (charges apply)  
Chugoku Area, Shikoku Area, Kyushu & Okinawa Area: 092-687-0010 (charges apply)

### SoftBank Technical Support Center

Setup, Operations & Technical Issues:

Service hours

Weekdays: 9:00 am – 7:00 pm

Saturdays, Sundays, and holidays: 9:00 am – 5:00 pm

From a SoftBank handset, dial toll free at ✕ 5525

From a landline/IP phone, dial toll free at 0088-21-5525

\*Not available from outside Japan.

### SoftBank Mobile Global Call Center

From outside Japan or if 4032T is lost or stolen:  
+81-92-687-0025 (international charges apply, toll free from SoftBank handsets)

### ZTE Japan Customer Support Web Page

[http://www.zte.co.jp/products/handsets/handsets\\_gallery/](http://www.zte.co.jp/products/handsets/handsets_gallery/)



## Safety Precautions

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## Safety Precautions

Read safety precautions before using USB modem.

Observe precautions to avoid injury to self or others, or damage to property.

SoftBank Mobile Corp. is not liable for any damages resulting from use of this product.

### Labels & Symbols

These labels indicate the degree of risk from improper use. Make sure you thoroughly understand their meanings before reading on.

| Symbols  | Descriptions   |
|--|--|
|  <b>DANGER</b>  | Great risk of death or serious injury <sup>1</sup> from improper use                   |
|  <b>WARNING</b> | Risk of death or serious injury <sup>1</sup> from improper use                         |
|  <b>CAUTION</b> | Risk of minor injury <sup>2</sup> or damage to property <sup>3</sup> from improper use |

- 1 Serious injury includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long-term treatment.
- 2 Injury includes: Physical burns, electric shock, and other conditions not requiring hospitalization or long-term treatment.
- 3 Damage to property includes: Incidental damage to structures and household property and/or to pets and livestock.

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand their meanings before reading on.

| Symbols   | Descriptions                   |
|---|--------------------------------|
|  Prohibited                | Prohibited actions             |
|  Do Not Disassemble        | Disassembly prohibited         |
|  Avoid Liquids Or Moisture | Exposure to liquids prohibited |
|  Do Not Use Wet Hands      | Use with wet hands prohibited  |
|  Compulsory                | Compulsory actions             |
|  Disconnect Power Source   | Unplug Charger from outlet     |

## 403ZT, USIM Card, and USB Extension Cable (ZEDAY1)

### DANGER



Compulsory

#### Use specified USB Cable only

Non-specified accessory use may cause USB modem or USB Extension Cable to overheat, ignite, malfunction, etc.



Prohibited

#### Do not disassemble, modify or solder.

May cause fire, injury, electric shock or malfunction. Battery may leak, overheat, burst or ignite. Modifying USB modem is prohibited by the Radio Law and subject to penalty.



Prohibited

Do not use/expose USB modem to extreme heat (e.g. near fire or source of heat, in direct sunlight, inside vehicles on hot days, etc.). Do not use, leave, or be carrying USB modem in a place where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (wearable warming patch), etc.

May cause warping/malfunction; overheat, ignite or burst. USB modem may become too hot to touch, leading to burn injuries, etc.



Avoid Liquids Or Moisture

#### Keep away from water.

Do not let liquid-exposed (water, pet urine, etc.) USB modem remain wet; do not connect wet USB modem. Doing so may cause overheating, electric shock, fire, injury or malfunction. Use USB modem properly/where appropriate.



Prohibited

Do not force USB Extension Cable into USB modem. Confirm terminal/connector orientation; retry.

USB modem and USB Extension Cable may overheat, burst, ignite, etc. Also that may cause USB plug to get damaged or burned.



Prohibited

Do not exert excessive force on the exterior of USB modem and USB Extension Cable by stepping on them when USB modem and USB Extension Cable are connected.

Charging when terminals are damaged may cause malfunction or fire. When charging, be careful of where you use and handle USB modem and charger.

**⚠ WARNING**

Prohibited

Do not put USB modem, USB Extension Cable in cooking appliances such as a microwave or pressure cooker or on IH cooking heaters.

May cause Battery to leak, overheat, burst or ignite or cause USB modem or USB Extension Cable to overheat, emit smoke, ignite or cause malfunction.



Compulsory

Keep USB modem off near gas station or places with fire/explosion risk (flammable gases (propane gas, gasoline, etc.) or fine particulates).

USB modem use near petrochemicals or other flammables may cause fire/explosion.



Prohibited

Do not drop, throw or otherwise subject to strong force or impact.

USB modem may overheat, burst, or ignite, and may result in fire, cause electric shock, malfunction, etc.



Compulsory

Take these actions in case of odd sounds, odor, smoke or abnormalities, during use, charging, or storage:

Continued use may cause fire, electric shock, etc.



Prohibited

Keep liquids (tap water, soft drink, seawater, pet urine, etc.) and conductive materials (pencil lead, metal parts, necklaces, hairpins, etc.) away from USB plug.

May cause short circuit, resulting in fire, burn injury, malfunction, etc.



Compulsory

If USB modem is used for a long time, since USB modem may get hot, do not touch portions that get hot for a long time.

May cause low-temperature burn injuries.

**⚠ CAUTION**

Prohibited

Do not place USB modem on unstable/uneven surfaces.

USB modem may fall, resulting in injury, malfunction, etc. Be especially careful while charging. Also dropping while charging may damage terminals.



Prohibited

When detaching USB modem from the USB Extension Cable, do not pull cable. Detach it with USB plug.

Pulling cable may cause injury, malfunction, fire or electric shock.



Compulsory

Keep USB modem and related hardware out of infants' reach and pets' reach.

Infants may swallow USB modem or related hardware resulting in injuries.



Compulsory

A guardian should supervise use by children and insure USB modem is used as instructed.

Failure to do so may result in injuries.

403ZT

**⚠ DANGER**

Prohibited

Do not dispose of USB modem in fire.

May burst, ignite, etc.



Prohibited

Do not damage (nail, hammer, stomp, etc.) USB modem or subject it to strong impact.

May leak, overheat, burst, ignite, etc. Check USB modem condition when using.

**⚠ WARNING**

Compulsory

Do not allow a pet to bite or chew on USB modem. Do not use USB modem that pet chewed.

USB modem may overheat, burst, or ignite, and result in malfunction or fire.



Compulsory

Power off near electronic devices or equipment operating on high precision control or weak signals.

May cause electronic malfunctions, etc.

\*Take added care near these devices: Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electronic medical equipment, fire detectors, automatic doors, and other automatically controlled devices or equipment.



Compulsory

If thunder is audible while outdoors, power off immediately and seek shelter.

Lightning strikes or electric shock may occur.



Compulsory

Power off before boarding aircraft to avoid possible radio wave interference with aircraft operations.

If USB modem use is allowed on board, follow airline or cabin crew instructions regarding USB modem use.



Prohibited

Do not sit on USB modem in back pants pocket.

Excessive pressures may damage USB modem, resulting in overheating, ignition or injury.

**CAUTION**

Prohibited

Do not dispose of an old USB modem with ordinary refuse.

Take USB modem to a SoftBank Shop near you.



Prohibited

Do not use USB modem when it may affect a vehicle's electronic equipment.

USB modem use may affect the equipment and lead to unsafe driving.



Compulsory

If you experience any skin irritation associated with USB modem use, discontinue USB modem use and consult a doctor.

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition. (See "[Material List](#)")



Prohibited

Keep USB modem away from magnetic cards, etc.

Data on bank card, credit card, telephone card, floppy disks, etc. may be lost.



Compulsory

Do not charge Battery or use/expose USB modem to extreme heat (e.g. near fire or source of heat, indirect sunlight, inside vehicles on hot days, etc.) while in use for a long time. USB modem may become not in a place where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to kairo (wearable warming patch), etc.

Prolonged contact with skin may cause low-temperature burn injuries.

**USIM Card****CAUTION**

Prohibited

Do not apply excessive force when inserting/removing USIM Card.

May cause malfunction. Be careful not to injure your hands, fingers, etc. when removing USIM Card.



Prohibited

Do not use USIM Card other than specified card.

May cause data loss or malfunction.



Prohibited

Do not touch USIM card IC. May cause data loss or malfunction. Avoid unnecessarily touching IC.



Prohibited

USIM Card may become hot when using USB modem; this is not a malfunction.

## USB Extension Cable (ZEDAY1)

### WARNING



Prohibited

Do not cover/wrap with clothing or bedding while charging. Also do not sleep with cloth or bedding.

Heat may build up resulting in fire, burn injury, malfunction, etc.



Compulsory

If liquids (water, pet urine, etc.) seep inside USB Extension Cable, grasp USB Extension Cable and unplug it immediately.

May cause electric shock, fire or malfunction.



Compulsory

If plug is dusty, grasp USB Extension Cable to unplug it, then clean it with a dry cloth.

May cause fire.



Compulsory

Hold USB plug and disconnect it to disconnect USB Extension Cable from USB modem if you are not going to use it for a long period.

If a foreign substance or a liquid adheres on USB terminal while leaving plugged USB modem, or USB terminal is trampled, it may cause electric shock, fire or malfunction.



Compulsory

When plugging USB Extension Cable into PC/outlet, keep conductive materials (pencil leads, metal parts, necklaces, hair pins, etc.) away from USB Extension Cable terminals and plug firmly into PC/outlet.

May cause electric shock, short circuit, resulting in fire, burn injury, malfunction, etc.



Do Not Use Wet Hands

Do not plug in/unplug USB Extension Cable with wet hands.

May cause electric shock or malfunction.



Prohibited

Do not touch USB Extension Cable if thunder is audible.

May cause electric shock, etc.



Compulsory

Supplied USB Extension Cable are dedicated charging accessories. Do not use for charging other manufacturer's product.

SoftBank Mobile Corp. is not liable for short circuit, fire, malfunction resulting from charging other manufacturer's product.

## CAUTION



Compulsory

Always grasp USB Extension Cable (USB plug) to disconnect it.

May cause electric shock, fire, etc.



Prohibited

Do not subject USB Extension Cable to strong shock such as pulling on it while it is plugged into the PC/outlet.

May cause injury or malfunction.



Compulsory

Grasp USB Extension Cable (USB plug) to unplug it before cleaning.

May cause electric shock, etc.



Prohibited

When disconnecting USB Extension Cable from USB modem, do not pull on the cord, hold USB plug and disconnect it.

The cord gets damaged if it is pulled on, fire and electric shock, etc. may result because of damaged terminals.



Prohibited

Do not pull, bend with excessive force or twist USB Extension Cable.

Do not damage or modify USB Extension Cable.  
Do not place objects on USB Extension Cable.  
Do not expose USB Extension Cable to excessive heat.

May cause electric shock, overheating or fire.



Prohibited

Do not use AC Charger and USB Extension Cable if Power plug/Micro USB plug is damaged or the connection to outlet/PC is loose.

## USB Modem Use & Electronic Medical Equipment

This section based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, August 2014) and "Guidelines for Prevention of Radio frequency Impact of Various Radio Devices on Implanted Medical Devices" (Ministry of Internal Affairs and Communications).

## WARNING



Compulsory

Persons with an implanted pacemaker or defibrillator should keep USB modem at least 15 cm away from the device.

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

When using electronic medical equipment (other than implanted cardiac pacemakers/defibrillators) outside medical facilities, check with the equipment manufacturer for information about the effects of radio waves.

USB modem radio waves may affect electronic medical equipment.



Compulsory

USB modem radio waves may affect electronic medical equipment. Observe these guidelines in medical institutions:

- Follow medical facility rules and do not use or bring USB modem into prohibited areas.
- Do not take USB modem into operating rooms, or intensive or coronary care units.
- Even in lobbies or other places where USB modem use is permitted, keep USB modem off near electronic medical equipment.



Compulsory

Power off USB modem when it is difficult to keep distance from others for at least 15 cm such as in a crowd because there may be someone who is wearing an implanted pacemaker or defibrillator.

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

## General Notes

### For Safety

- Do not disassemble, modify or solder.  
May cause fire, injury, electric shock or malfunction.
- Do not drop, throw or otherwise subject to strong force or impact.  
May cause malfunction.
- Do not put USB modem in cooking appliances such as a microwave or pressure cooker or on IH cooking heaters.  
May cause malfunction.
- Do not use or expose USB modem to extreme heat (e.g. near fire or source of heat, in direct sunlight, inside vehicles on a hot day, etc.).  
May cause device warping or malfunction. USB modem may become too hot to touch, leading to burn injuries, etc.
- USB modem may become hot while in use or while charging for a long period, especially in high temperatures. Prolonged contact with skin may cause low-temperature burn injuries.

### Do Not Disturb Others

- Do not use USB modem in aircraft. May cause radio wave interference with aircraft operations.  
When the use of USB modem in aircraft is allowed, follow the instructions from the airline.
- Do not use USB modem in a prohibited area such as a hospital or research laboratory. Medical equipment etc. might be affected.
- Do not use USB modem near courtesy seats in trains or buses. Medical devices such as pacemaker etc. might be affected.
- Do not use USB modem if thunder is audible while outdoors (golf course, etc.).

### General Use

- SoftBank 4G Service can be used with dedicated models only.
- The access point which corresponds to the predetermined flat-rate plan is configured by the USB modem and SoftBank 403ZT Utility (factory default configuration). Appropriate access points conduct bandwidth controls via SoftBank's network.
- USB modem supports Software Update. Use USB modem with the latest software updated.
- USB modem transmissions may be disrupted inside buildings, tunnels or underground, or in vehicles, or when moving into/out of such places.
- Use USB modem without disturbing others. Theaters and public transportation systems may or may not allow use of USB modem.
- USB modems are radios as stipulated by the Radio Law. Under the Radio Law, USB modems must be submitted for inspection upon request.
- Files may be lost or damaged in the following situations. SoftBank Mobile Corp. is not liable for damages incurred due to lost or altered information. To minimize damages, back up data and store separately.
  - When using USB modem incorrectly.
  - When affected by static electricity or electrical noise.
  - Powering USB modem off while in use.
  - When USB modem breaks down or is submitted for repair.
- Communication may slow down or may become unavailable due to heavy traffic or under certain circumstances.
- Do not use USB modem in the proximity of areas where explosive materials are handled. An explosion may be induced. In addition, explosive devices might be affected.
- USB modem USIM Card cannot be used with some mobile devices (including SoftBank models).
- USB modem may become hot while charging or in use for a long time.
- Prolonged contact with skin may cause low-temperature burn injuries.

### Handling

- Do not expose USB modem to rain, snow, or high humidity. USB modem is not waterproof.
- Avoid extreme temperatures/high humidity/direct sunlight/dusty areas.
- Do not drop or subject to strong impact.
- Clean USB modem with a soft dry cloth. Alcohol/solvent use may fade color/label.

## Specific Absorption Rate (SAR) Information for this Product

### Specific Absorption Rate (SAR) Information for this Product (for Japan)

This product [403ZT] meets Japanese technical regulations\* and international guidelines for exposure to radio waves.

The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The regulations employ a unit of measurement known as the Specific Absorption Rate, or SAR.

The SAR limit is 2 watts/kilogram (W/kg) averaged over ten grams of tissue.

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The value of the limit is equal to the value given in international guidelines recommended by ICNIRP\*\*, which is in collaboration with the World Health Organization (WHO).

The highest SAR value for this product is 1.39 W/kg\*\*\* when used close to the body in the below manner\*\*\*\* .

While there may be differences between the SAR levels of various products and at various positions, all products meet the Japanese technical regulations.

Although the SAR is determined at the highest certified power level, the actual SAR of the product during operation can be well below the maximum value.

· Use close to the body\*\*\*\*

To use this product close to the body, maintain a separation of 0.5 cm with no metal (parts) between it and the body.

This will ensure this product meets the Japanese technical regulations for exposure and international guidelines for radio wave protection.

\* The technical regulations are provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

\*\* International Commission on Non-Ionizing Radiation Protection

\*\*\* The value is under simultaneous transmission use conditions.

The World Health Organization has announced that "A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

For more information about SAR, see the following websites:

Ministry of Internal Affairs and Communications (MIC)

<http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm>

Association of Radio Industries and Businesses (ARIB)

<http://www.arib-emf.org/index02.html> (Japanese)

This product [403ZT] is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE) and the Federal Communications Commission (FCC). Refer to the following.

### European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this User Guide\*\*\*\* In this case, the highest tested SAR value is 1.52 W/kg\*.

\* The tests are carried out in accordance with international guidelines for testing.

## FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. worn on the body) as required by the FCC for each model.

The highest SAR value for this model handset as reported to the FCC when tested for use worn on the body in a holder or carry case, is 1.33 W/kg.

**Body-worn Operation;** This device was tested for typical body-worn operations with the back of the handset kept 0.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0.5 cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/> after searching on FCC ID SRQ-MF860E.

Additional information on Specific Absorption Rates (SAR) can be found on FCC Radio Frequency Safety website at <http://transition.fcc.gov/oet/rfsafety/>.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

World Health Organization

<http://www.who.int/emf>

List of Specific Absorption Rates (SAR) for radio waves by smartphone/3G model

<http://www.softbank.jp/mobile/support/sar/> (Japanese)

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# SoftBank 403ZT User Guide

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Model : SoftBank 403ZT  
Manufacturer : ZTE Corporation