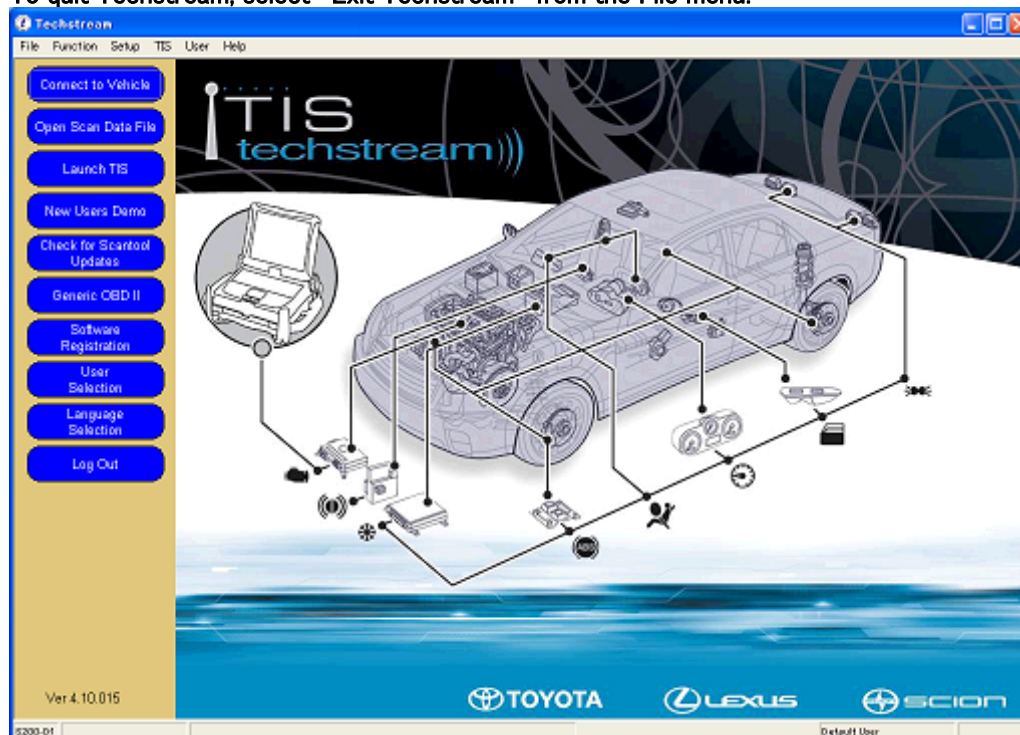## Techstream Online Help

The following online help guide explains Techstream operations.

## Basic Operations

When Techstream is started, the Main Menu Screen is displayed. Select the desired function from the Main Menu Screen.
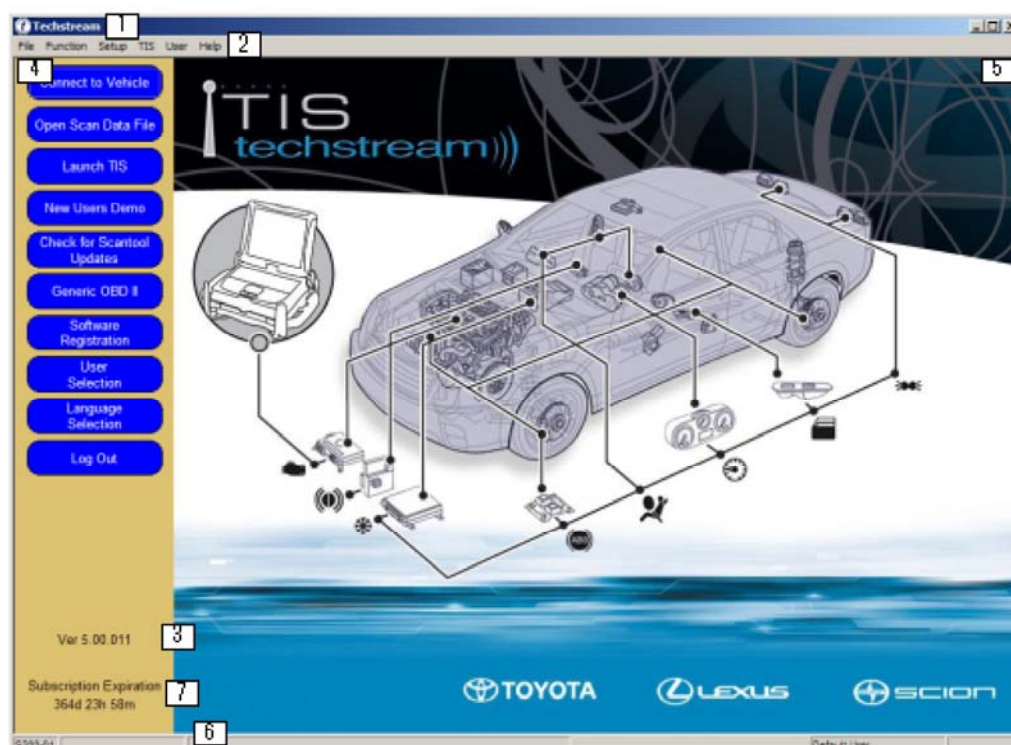To quit Techstream, select "Exit Techstream" from the File menu.



Main Menu Screen

## Screen Configuration

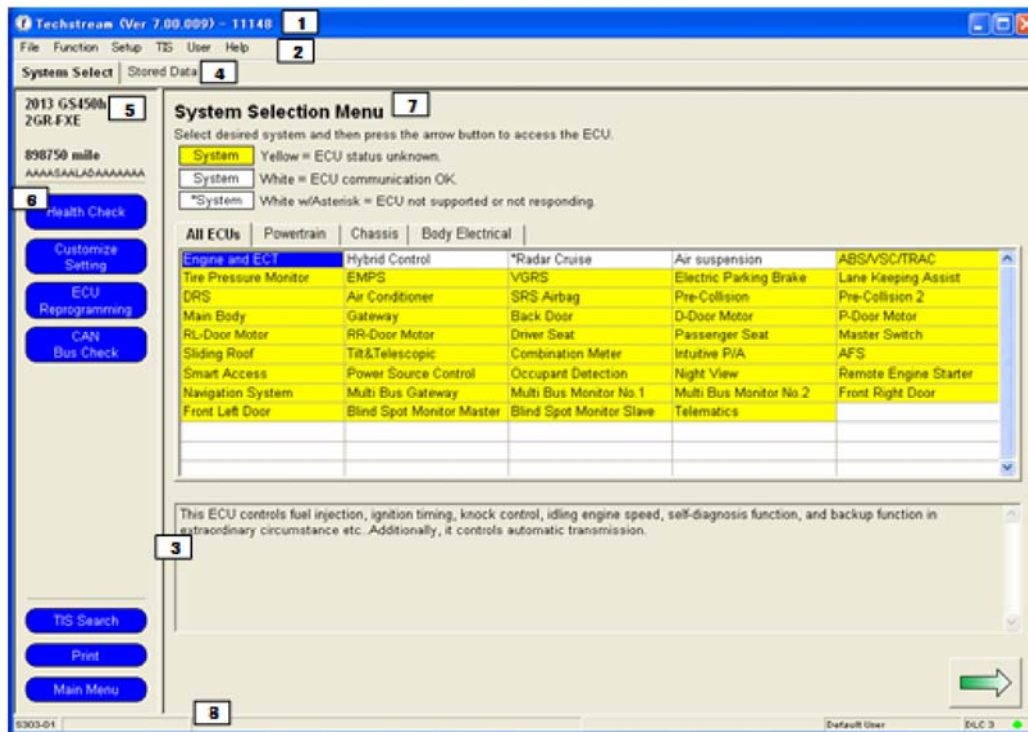Techstream consists of the Main Menu Screen and the Diagnosis Screen.

## Main Menu Screen

Main Menu Screen

**1** Title Bar
   Displays the name of the application.
**2** Menu Bar
   Displays the menu. For details, see Appendix A.
**3** Client Window
   Area where information is displayed and operations are performed. The client window is comprised of the following two areas.

    Menu Button Area
   Displays buttons that can be operated for the current screen.
**5** Information Area
   Displays information.

    Status Bar
   Displays information related to the current screen. For details, see Appendix B.

    Subscription Expiration
   "Subscription Expiration" and the time remaining until the expiration date for the current screen display only if an expiration date has been set.

## Diagnosis Screen

Diagnosis Screen (System Selection Menu)

[1] Title Bar
    Displays the application name, or the function name and Screen ID.
[2] Menu Bar
    Displays the menu. For details, see Appendix A.
[3] Client Window
    Area where information is displayed and operations are performed. The client window is comprised of the
    following three areas.
[4] Tab Control Area
    By selecting Tab Control, the user can switch between the functions below.
    System Select / Stored Data / Live Data Tab / Customize Setting / ECU Reprogramming / CAN Bus Check
[5] Vehicle Information Area
    Displays information for the vehicle being diagnosed.
    - Model Year
    - Model
    - Engine
    - Odometer
    - VIN
[6] Menu Button Area
    Displays buttons that can be operated for the current screen.
[7] Data View
    Displays the screen for each function started from the Menu Button.

    ✉   Status Bar
    Displays information related to the current screen. For details, see Appendix B.

# Error Message List

**The dialog box above is displayed when continuation is not possible due to a fatal error.**



**The dialog box above is displayed when an error occurs that may be resolved by restarting the Techstream application.**
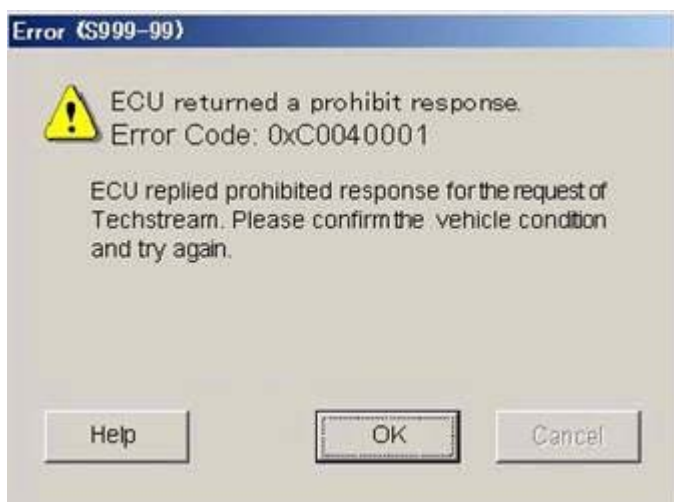


**The dialog box above is displayed when a negative response is returned from the Engine Control Unit (ECU). A negative response may be returned when the ECU is not ready to respond correctly, or when the ECU cannot**

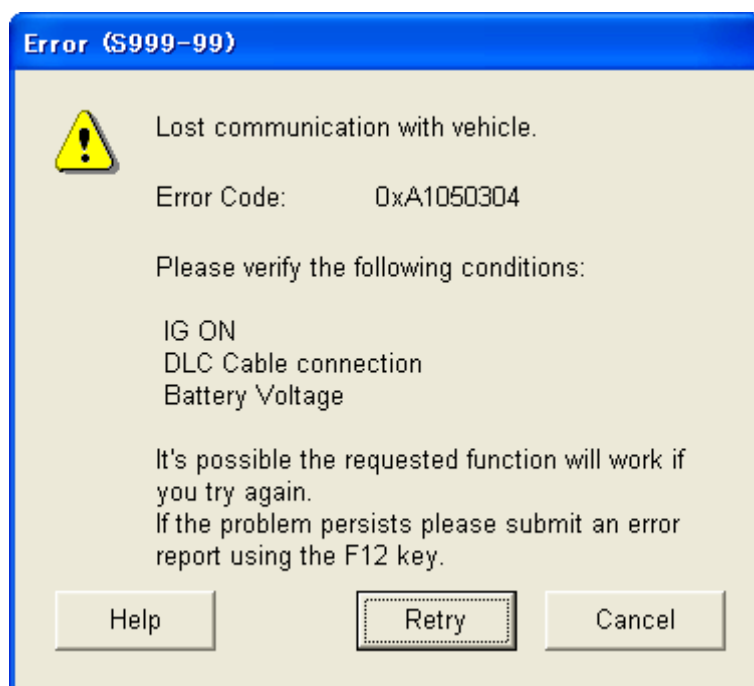send the proper response due to a problem on the vehicle side.



The dialog box above is displayed when there is no response from the ECU.



The dialog box above is displayed when a prohibit response is returned from the ECU.  A prohibit response may result when the required vehicle conditions are not satisfied when running an Active Test.  Make sure the "Execute condition(s)" are met, prior to running the Active Test.

The dialog box above is displayed when a communication error results from a source other than a faulty connection.
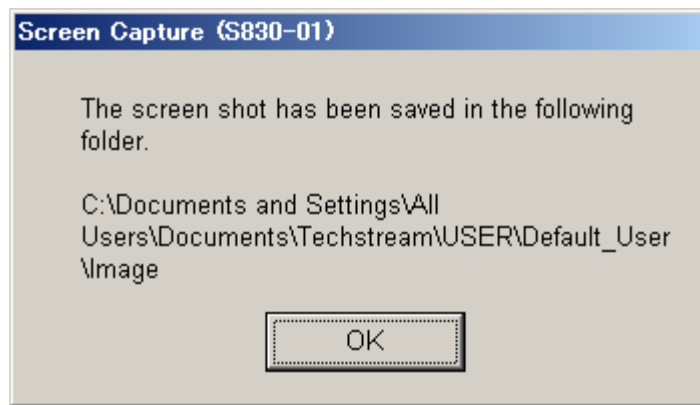


This dialog box is displayed if an error occurs while communicating with the ECU, but it is possible to continue processing.
Check the execution conditions, etc.

## Screen Capture

This function enables a user to capture a screen shot of the display and save it as a file

by pressing F11 key while GTS is activated.

This function is available in all screens in GTS.

**Screen Capture (S830-01)**

The screen shot has been saved in the following folder.

C:\Documents and Settings\All Users\Documents\Techstream\USER\Default_User \Image

OK

This screen is displayed when F11 key is pressed while GTS is activated.
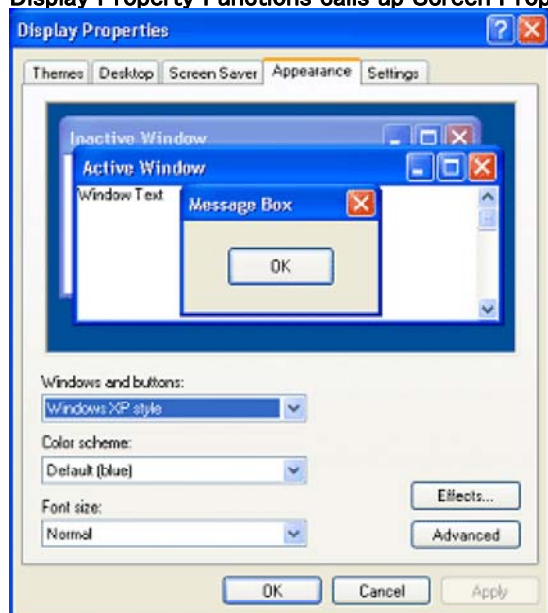Press the OK button to go back to the previous screen.

## Setup

The Setup function can be selected in the menu bar.  Through Setup functions, the user is able to change default settings (the initial settings), add or change Techstream Configurations, select VIMs,  check for updates, and register Techstream software.
The various setup functions can be selected from the [Setup] menu on the menu bar.
This section explains the setup functions.

## Display Property Functions (Display Properties)

Display Property Functions calls up Screen Properties for Windows.



Display Property Functions (Windows XP)

## User Preferences

Manage User Preferences including, default Vehicle Brand, Font Size, Unit Selection, Language Selection, and the assignment of Hot Keys, under the Setup function on the menu bar. This function can also found in an alternate location under the User function on the menu bar.  There are three default Users set in Techstream: Generic English, Generic Spanish and Generic French. These default Users cannot be edited or deleted.

## Users

The Users function is located on the menu bar.  Through functions under Users, the user can Log Out, Change or Create User, and make changes to User Preferences.  Functions under User Preferences are the same as those found in the same function under Setup.
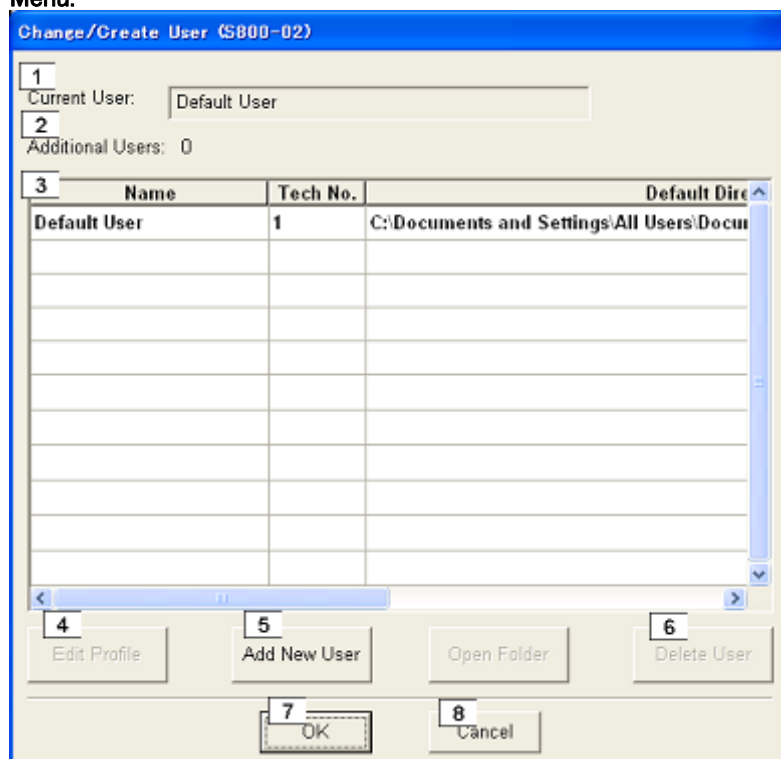
### Log Out
When the user chooses to Log Out, Techstream will make a Generic User become the current user.

### Change/Create User
The Change/Create User Dialog can be displayed by choosing Change/Create User under the Users function on

the menu bar.  It can also be displayed by clicking on User/Language Selections button on the Techstream Main Menu.
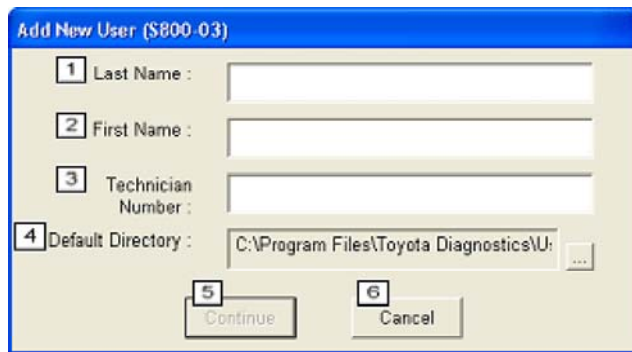


User Dialog

1  **Current User**
   Displays the current user name.
2  **Additional Users**
   Displays the number of users registered in Techstream, excluding the 3 default users..
3  **User List**
   Displays user information registered, in spreadsheet format. Current User appears in bold font.  To edit or delete registered information, it is necessary to select and highlight the row of the particular user.
4  **Edit Profile button**
   Displays a pop-up dialog box when editing user information. Pushing the Edit Profile button allows only the selected information from the user list to be edited.
5  **Add New User button**
   Displays a pop-up dialog box to register a new user.
6  **Delete User button**
   Displays a confirmation dialog box when deleting user information. Pushing the Delete User button allows only the selected information from the user list to be deleted.
7  **OK button**
   Allows switching between users on the user list. If a column with no entry is selected, the dialog box will close without changing the user.
8  **Cancel button**
   Cancels the user settings and closes the dialog box.

## Add New User

The Add New User box is displayed when either the Add New User or Edit Profile buttons are pushed on the Change/Create dialog screen.  A new user can be registered or the information for the current user may be edited and updated.  The Add New User box is followed by the Default Brand, Font Size, Unit Selection, Language Selection, and Hot Key Utility dialog boxes to complete User registration.

**Add New User Dialog**

**1** User Last Name
    Edits the user's last name.
**2** User First Name
    Edits the user's first name.
**3** Technician Number
    Edits the user's Technician Number.
**4** Default Directory
    Changes the directory path for the user information being edited. A directory path selection dialog is available
    for editing the directory path.
**5** Continue Button
    Registers edited user information. Closes the dialog box when registration is complete.
**6** Cancel Button
    Cancels information changes and closes the dialog box.

# Edit Profile

Displays a pop-up dialog box when editing user information. Pushing the "Edit Profile" button allows only the selected information from the user list to be edited.

## Delete User
When deleting a user, highlight the user to be deleted and click on Delete User.

# Techstream Configuration

The Techstream Configuration dialog box is displayed when the Techstream Application is opened for the first time, or when the Techstream Configuration is chosen under the Setup function on the menu bar. The screen is comprised of a required information section and an optional information section.  Required fields designate critical information necessary for Error Reporting, and User Type needed for proper communication with TIS.  Optional information will appear in the header section, whenever the print function is used.

**Techstream Configuration Dialog（For North America, Japan and Other）**



**Techstream Configuration Dialog（For Europe）**

## Area Selection

The Area Selection dialog box is displayed when the Techstream Configuration is opened. This dialog box allows the user to choose the area.
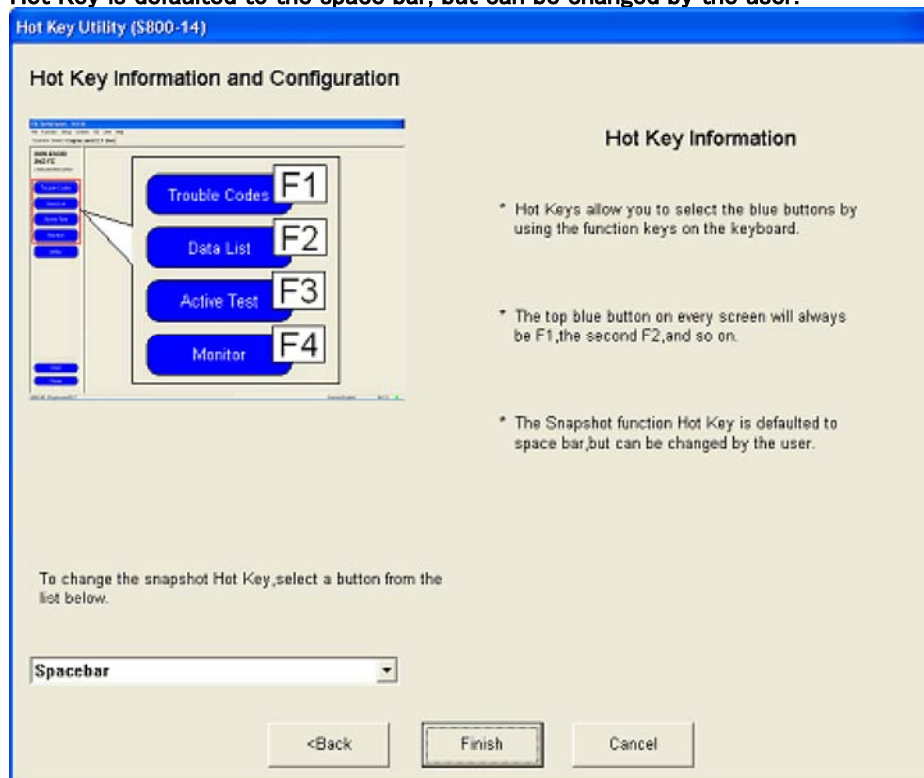
**Area Selection Dialog**

## Hot Key Utility

The Hot Key Utility dialog box is displayed when Hot Key Utility is chosen in User Preferences under the Users function on the menu bar.
Hot Keys allow you to select the blue buttons by using the function keys on the keyboard. The Snapshot function Hot Key is defaulted to the space bar, but can be changed by the user.
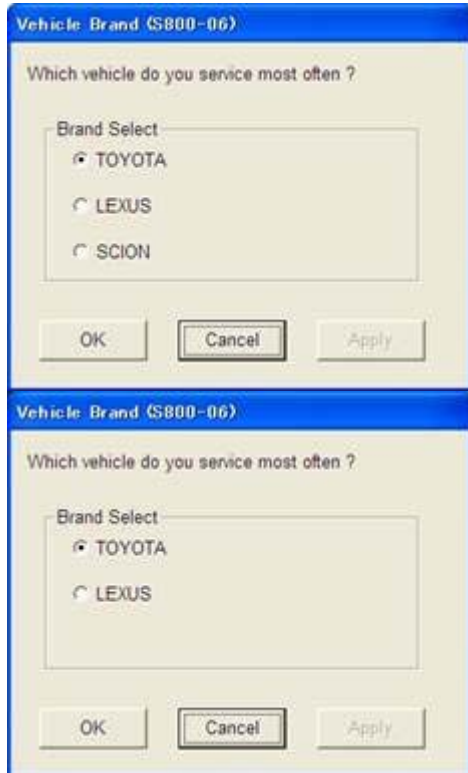


**Hot Key Utility Dialog**

## Error Report Hot Key

Sets a hot key for recording error reports. For details, refer to "Error Report".

## Vehicle Brand

The Vehicle Brand dialog box is displayed when Vehicle Brand is chosen in User Preferences under the User function on the menu bar. Whenever vehicle brand information is not available in the vehicle, the vehicle connection wizard will default to the Vehicle Brand specified here.
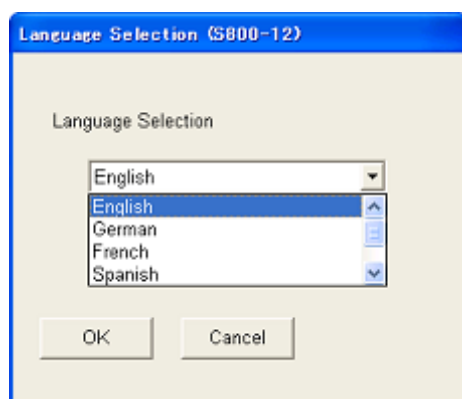


Default Brand Dialog

## Default Language

Sets the default language. When performing "Log Out" operations, the user will be changed to the generic user for the selected language. This menu can only be used from the Main Menu.
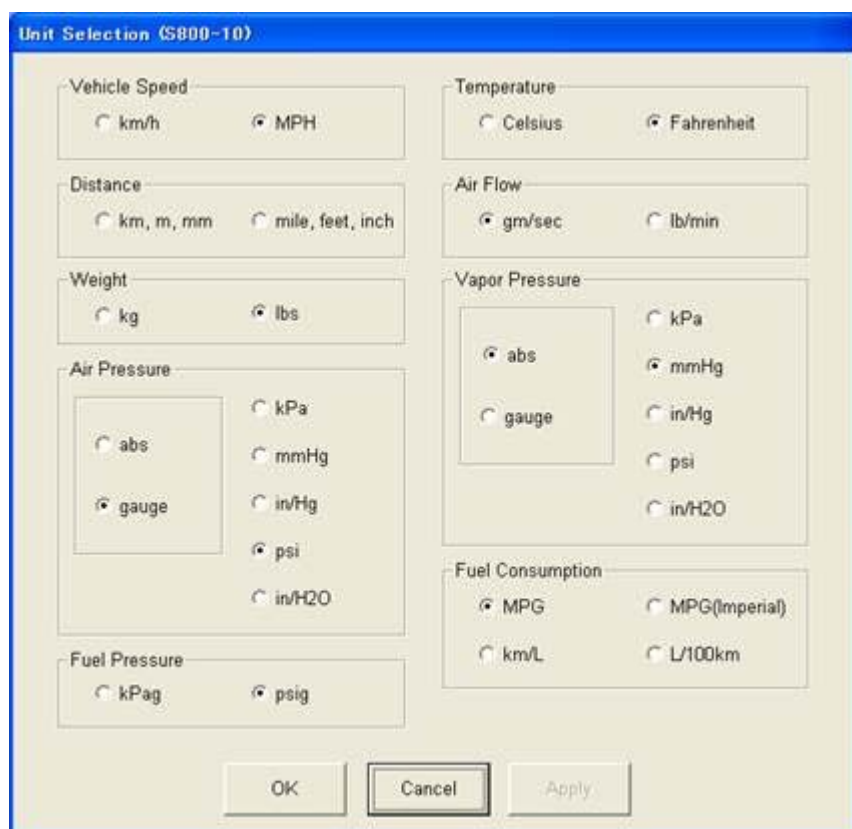
## Language Selection

The Language Selection dialog box is displayed when Language Selection is chosen in User Preferences under the Users function on the menu bar. The language used for Techstream can be designated here.

Language Selection Dialog

## Unit Selection

The Unit Selection dialog box is displayed when Unit Selection is chosen in User Preferences under the Users function on the menu bar. The units for various parameters appearing in Techstream can be designated here.
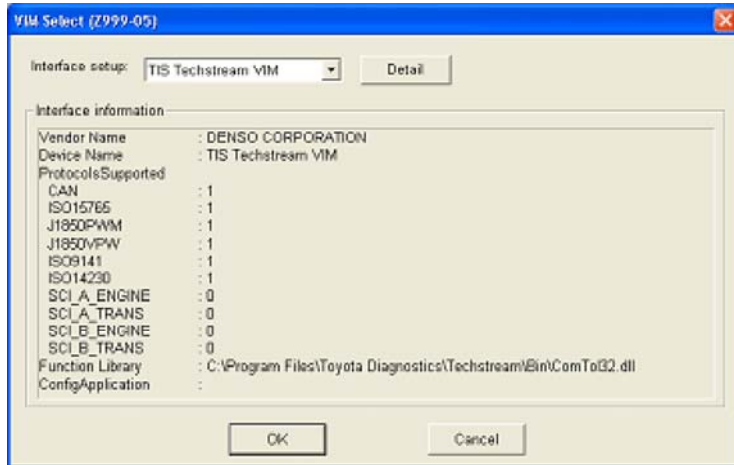


Unit Selection Dialog

## VIM Select

The VIM Select dialog box is displayed when VIM　Select is chosen under the Setup function on the menu bar.
The VIM Select dialog box enables the user to change to another J2534 compliant interface device.  Select the Vehicle Interface Module to be used in the pull down menu.
Press the "Detail" button to display the settings screen for each J2534 device. There is no settings screen for

TIS Techstream VIM. Accordingly, a settings screen will not be displayed when the "Detail" button is pressed with TIS Techstream VIM selected.



VIM Select Dialog

## Font Size

The Font Size dialog box is displayed when Font Size is chosen in User Preferences under the Users function on the menu bar. The font size used in Techstream can be designated here.
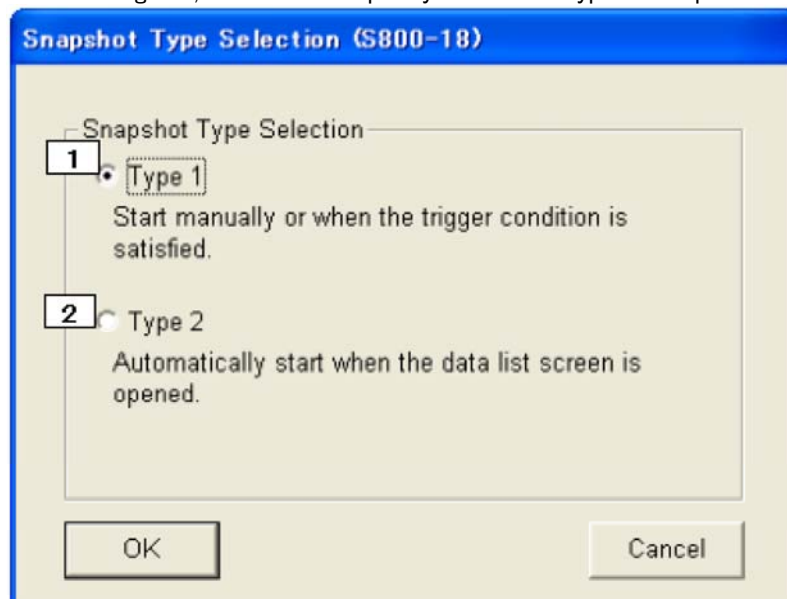


Font Size Dialog

## Snapshot Type Selection

This dialog box is displayed when Snapshot Type Selection is chosen in User Preferences under the User function on the menu bar.
In this dialog box, the user can specify the record type of Snapshot.
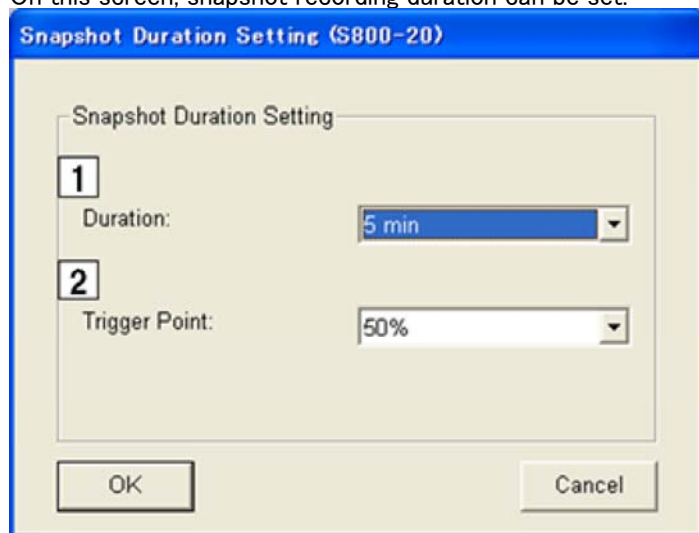


Snapshot Type Selection Dialog

1. Type 1
   Snapshot is started manually or when the trigger condition is satisfied.
2. Type 2
   Snapshot starts automatically when the data list screen is opened.

## Snapshot Duration Setting

This dialog box is displayed when Snapshot Duration Setting is chosen in User Preferences under the User function on the menu bar.
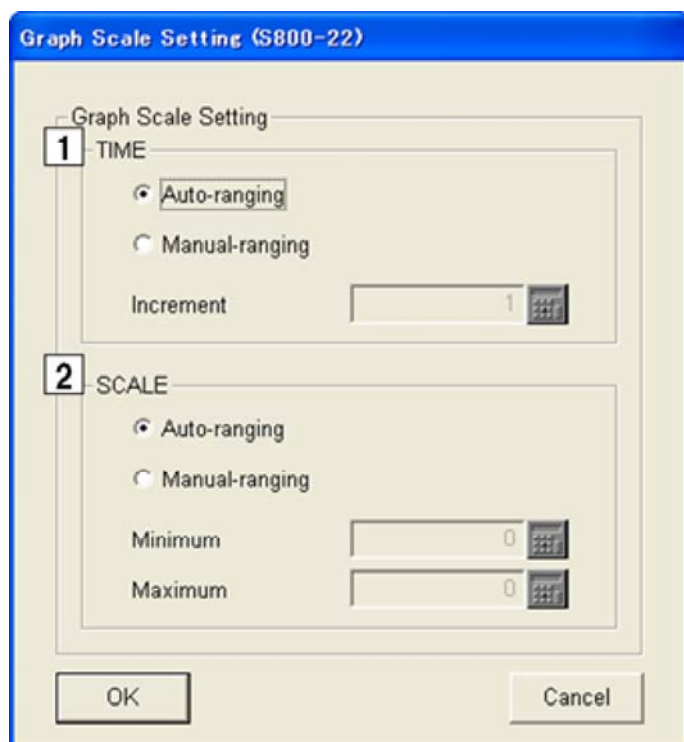On this screen, snapshot recording duration can be set.



Snapshot Duration Setting Dialog

1 Duration
   Sets the recording time.
   Select from 5 s / 15 s / 30 s / 60 s / 90 s / 3 min / 5 min / 10 min / 20 min / 60 min / Maximum.
2 Trigger Point
   Sets the percentage of the recording time saved as data before the trigger is pressed.
   Select from Begin / 10 % / 20 % / 30 % / 40 % / 50 % / 60 % / 70 % / 80 % / 90 % / End.

## Graph Scale Setting

This dialog box is displayed when Graph Scale Setting is chosen in User Preferences under the User function on the menu bar.
On this screen, graph scales for all the line graphs can be set.

Graph Scale Setting Dialog

**1** TIME SETUP
    AUTO
The horizontal axis is automatically set.
    MANUAL
The horizontal axis is manually set. When the icon is clicked, the screen to enter the value is displayed.
**2** SCALE SETUP
    AUTO
The vertical axis is automatically set.
    MANUAL
The vertical axis is manually set. To set, enter the MAXIMUM and MINIMUM values.
When the icon is clicked, the SCALE screen is displayed. Apply to all graphs.

# Check for Updates

Checks the TIS server for updates for the Techstream software.

# Register Techstream Software

Registers Techstream software user information to the server.
If the software is used without being registered, there is a limit placed on the number of times it can be used.

# Key Registration

Input the Registration Key.



Key Registration Dialog

1 Software ID
   Displays the Software ID.
2 Software Version
   Displays the Software Version.
3 Key
   The Registration Key can be entered here.
   If a valid Registration Key is registered, the key is displayed in light gray and cannot be edited.
4 Software Registration button
   Displays the Key Registration web site using a browser.
5 Support Information button
   Displays Support Information using a browser.

   ☒ OK button
   Registers the Registration Key entered in [3].

   ☒ Evaluate button
   Starts the function.
 After clicking the button a certain number of times, the button displays in gray.
8 Cancel Button
   Closes the screen.

## Expiration Notification
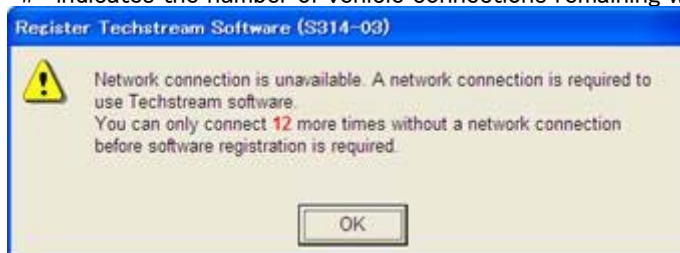This screen appears when the Registration Key is expired.

☒

Expiration notification dialog

## No Network Connection Warning
This screen displayed when Techstream is used without a network connection.
"#" indicates the number of vehicle connections remaining without a network connection.

No Network Connection warning Dialog

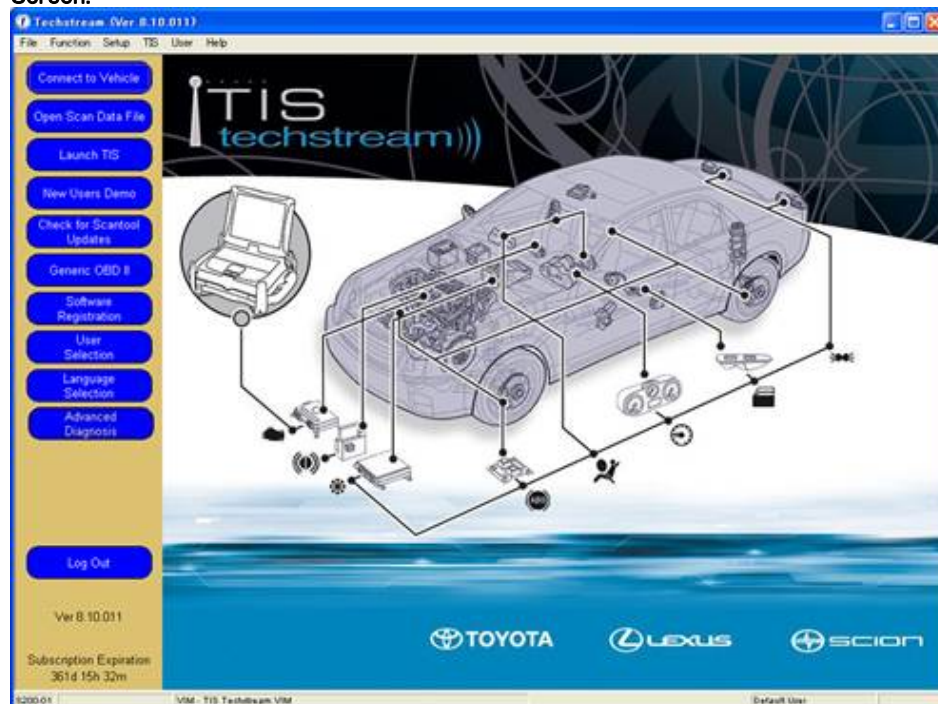## No Network Connection Usage Limit Warning
This screen displays when the Techstream usage limit has been reached without a network connection.
This screen displays when key registration is required.



Usage Limit Warning Dialog for when there is No Network Connection

## Main Menu Screen

When Techstream is started, the Main Menu Screen is displayed. Select the desired function from the Main Menu Screen.



**Main Menu Screen**

| | |
|---|---|
|  Connect to Vehicle | Begins diagnosing the TOYOTA/LEXUS/SCION vehicle. The vehicle type is automatically determined via communication with the vehicle.  If the vehicle type cannot be automatically determined, the user must select Option, etc. Refer to Diagnostic Functions for TOYOTA/LEXUS/SCION. |
| Open Scan Data File | Opens the Service Event File or Uploads Drive Recorder Data. |
| Launch TIS | Launches web browser to connect to TIS. |
| New Users Demo | Displays the demonstration screen. |
| Check for Scantool Updates | Checks for Techstream software updates. |
| Generic OBD II | Runs Generic OBD II. Refer to Generic OBD II. |
| Software Registration | Performs user registration so the software can be used. |
| User Selection | Changes the User. . |
| Language Selection | Changes the language. |
| Advanced Diagnosis | Starts the Advanced Diagnosis function. |
| Log Out | Changes the Current user to Generic User.  If user settings are changed, the changes made will be cancelled. |