

Scanguns Configuration

3.1.5 Suppressing Idle-Time Logout

By default, Mobile will logout the connection after a certain threshold is reached. This can be set in the Profile or the sy3 file. However, you can configure Liquid UI for Handheld Scanguns so that the idle-time auto-logout is suppressed and the device will always stay connected to the SAP ERP application server. Based on the Server Detection Timeout setting defined in the Help section, constant network traffic to the SAP will be generated, resetting SAP's auto logout timer and ensuring the device remains connected.

In order to suppress the idle time auto-logout, you must have a profile for the specified connection to the SAP application server. Creating a profile is explained in detail in the Creating Profiles section of this document. Once a profile is configured for the connection in question, please do the following in order to suppress the idle time auto-logout.

Note: Make sure that your device is cradled and connected to your computer before you begin - you will need to edit the sy3 file and you can only do this when the device is cradled.

1. Open the Mobile client's logon pad and click on the Advanced tab.
2. The Advanced tab will display. Configure the 'Server Detection Interval' field as shown below.

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The screenshot shows the 'GuiXT Mobile Log' configuration window. It has a title bar with a Windows logo, the text 'GuiXT Mobile Log', and icons for help, back, forward, and OK. The window is divided into three main sections: 'Smart Attributes', 'Input Data', and 'Misc. Settings'. The 'Smart Attributes' section contains four checked checkboxes: 'Pattern Matching', 'Auto Tab', 'Auto Submit', and 'Validate'. The 'Input Data' section contains four text input fields: 'Scan Detection Threshold (ms)' with value '64', 'Scan Complete Threshold (ms)' with value '2048', 'Done Entering Text Threshold (sec)' with value '5', and 'Drag-Select Threshold (ms)' with value '336'. The 'Misc. Settings' section contains two text input fields: 'Network Detection Interval (sec)' with value '21' and 'Server Detection Interval (min)' with value '16'. Below these are three checked checkboxes: 'Beep On', 'Submit', and 'Error', followed by a 'Bell Signal' checkbox. At the bottom, there are four tabs: 'Profile Setting', 'Advanced Setting', 'Misc.', and 'User'. The 'Misc.' tab is currently selected.

Note: The 'Server Detection Interval' parameter must be set to less than the SAP ERP application server's auto logout threshold. The transaction for this is RZ11 and the parameter is 'RDICP/GUI_AUTO_LOGOUT'.

3. On your device, open the directory where the LiquidUI-Mobile.sy3 file resides. This is usually the following: \Program Files\Liquid UI Mobile.
4. Copy the LiquidUI-Mobile.sy3 file to your local system.
5. Open the LiquidUI-Mobile.sy3 file and locate the profile you are using to connect to SAP.
6. Locate the 'SuppressIdleTimeLogout' setting. Change it to match the following

```
SuppressIdleTimeLogout=1
```

7. Save the changes and copy the sy3 file back to the device.
Note: You may need to over-write the existing file on the device.
8. Re-launch Mobile and connect to your SAP or Liquid UI Server. The device should now stay constantly connected until you manually terminate the connection.

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