The STL1000 Code Switch has two modes of operation, the Supervisor mode and the User mode.

Either mode is accessed by entering the two digit location number followed by a 4 to 8 digit PIN, (Personal Identity Number).

The location number reserved for the Supervisor is 00. The User location numbers are 01 to 99. The default PIN for both Supervisor and User is 1 2 3 4.

The SUPERVISOR in Supervisor Mode can do four things which pertain to the "administrative" functions of the switch.

The SUPERVISOR can:
1. Change the Supervisor PIN
2. Add and delete Users
3. Determine which User last operated the vehicle
4. Set the maintenance alarm

There are two things the SUPERVISOR cannot do. The SUPERVISOR cannot change the User's PIN and the SUPERVISOR cannot close the switch. These two things are done by the USER in the User Mode.

The USER in User Mode can:
1. Change the User PIN
2. Close the switch so that the vehicle can be operated.

(Obviously, the USER cannot do any of the Supervisor functions.)

After changing the Supervisor PIN, you must first enter the 2 digit location number followed by a 4 to 8 digit PIN.

STEP BY STEP PROGRAMMING INSTRUCTIONS:

It may be helpful, but not necessary, to first try programming the Code Switch on a work bench before installing it on a vehicle. Use a 12 Volt supply. An ohmmeter connected across the white wires will indicate when the switch closes. You should also be able to hear the contacts of the internal switch relay as they come together. If the Code Switch is already installed, the vehicle can be started upon successfully entering the proper User code.

First See if Switch Closes - New Code Switches directly from the factory normally have User Location 01 already assigned. To check this out, press pads 0 1 2 3 4 ENTER. The switch should close. To open the switch turn the key switch off or press ENTER. (Note: If the Code Switch doesn’t close, Location 01 may not have been assigned.)

1 – Log onto the Supervisor Mode. Press 0 0 1 2 3 4 ENTER. Red and Green LED flashes along with an up tone beep indicate you are in the Supervisor Mode and ready to enter a Supervisor Mode menu.

Note: As you enter each Supervisor Mode menu, the number of Red LED flashes will correspond to the menu number. For example, one Red LED flash for menu 1, two Red LED flashes for menu 2, etc.

Before changing the Supervisor PIN, you are first going to add User locations. For this example you will check on and add User location 01 as well as more User locations as required. To do this you must go into the Add / Delete User Menu.
2 – Go into Add / Delete User Menu.  Press 2 ENTER.  There will be a beep along with two Red LED flashes indicating you are in Menu 2.  Press 0 1 ENTER.  If there is a Red flash and a low beep, it indicates that user location 01 has already been assigned.  (This will be the case if you were able to close the switch previously using Location 01 and the default PIN.)  To remove location 01, press ENTER again.  This will delete the location from use.

Add location 01.  Press 0 1 ENTER.  You should now get a Green flash along with an up tone beep indicating the location is ready to be added or assigned to a user.  Press ENTER.  You will get a Green LED flash along with a beep.  The user location has been added.  At this point you can, in the same way, check on and add more user locations.

Before leaving Menu 2, check to make sure that location 01 and any others have been added.  Press 0 1 ENTER.  There should be a Red LED flash along with a low tone beep indicating the location has been assigned to the user.  Check any other locations you’ve added the same way.  A Red flash along with a low tone beep means the location has been assigned.  A Green flash along with an up tone beep means the location is not assigned.

3 – Go out of Menu 2.  Press CE.  The switch will indicate you are back in Supervisor Mode.  Press CE again to go out of Supervisor Mode.  (CE can be pressed several times to make sure you are completely clear and ready to enter the next mode.)

4 – Log onto the User Mode.  Press 0 1 2 3 4 ENTER.  The switch will close and the Green LED will flash at a slow rate.

5 – Change User PIN.  First decide on a new PIN.  In this example use 5 4 3 2 1.
Press 1 ENTER.  (This puts you in the Change User PIN Menu.)  Note that the switch will open when you go into this menu.

Note:  The User has 1 minute after logging on the User Mode to use menu 1 before the menu function is locked out until the next User log on.

Press 5 4 3 2 1 ENTER, again press 5 4 3 2 1 ENTER.  The switch will indicate that the new PIN has been accepted.

6 – Use the new PIN to close the switch.  Press 0 1 5 4 3 2 1 ENTER.  The switch will close.  Press ENTER to open the switch and go out of User Mode.  (Since this is an example, you may want to set the PIN for User location 01 back to the 1 2 3 4 default.)

7 – Log back onto the Supervisor Mode to change the Supervisor PIN.  Press 0 0 1 2 3 4 ENTER.  Press 1 ENTER to go into the Change Supervisor PIN Menu.  The red LED will flash once.  Now just you did in the User Mode, put the new PIN in twice and enter each time.  Example:  Press 5 4 3 2 1 ENTER, again 5 4 3 2 1 ENTER.  The switch will give an indication that the PIN was changed.

8 – Go out of Menu 1.  Press CE.  Press CE again to Log Off the Supervisor Mode.

9 – Check out the new Supervisor PIN.  Press 0 0 5 4 3 2 1 ENTER.  You should be in Supervisor Mode.  You can now go to any menu by pressing the menu number and ENTER.

Remember:  This is an example.  You should change your Supervisor PIN to one known only to you.

10 – Determine Last user.  While in Supervisor Mode press 3 ENTER.  This places you in the Last User Menu as indicated by three red LED flashes.  Press ENTER again.  The LED flashes will indicate the last user.  The Green LED is for the 10’s digit.  The Red LED is for the 1’s digit.  Example 1:  A single Red LED flash indicates User 01 last operated the vehicle.  Example 2:  Two Green flashes and three Red flashes would indicate User 23 last operated the vehicle.  Press CE to leave the menu.

11 – Enable or Disable Maintenance Alarm.  Press 4 ENTER.  There will be four red LED flashes.  Press ENTER again.  If the Green LED flashes, the alarm is enabled.  Press ENTER again and the Red LED will flash showing the alarm to be disabled.  Press ENTER again and the Green LED will flash showing the alarm to be again enabled.

12 – Listen to the maintenance alarm.  While in Menu 4 press 1 ENTER.  The maintenance alarm will sound.  Press CE to leave the menu.  Press CE again to Log Off the Supervisor Mode.

Note:  If the switch is left unattended in Supervisor mode, it will automatically exit the mode after approximately one minute.

13 – If you are unable to get into the Supervisor mode after trying either the default PIN or a newly assigned PIN, go back to Step 1 and reset the switch.

14 – If all else fails or if you have questions about programming or installation, call Tech Support at 1-800-447-3693.