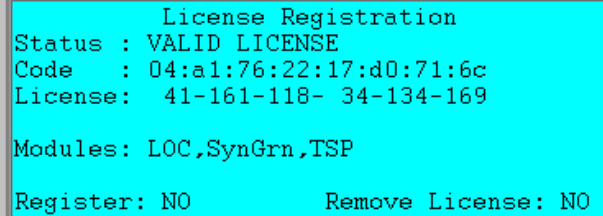


TecNote 1016 – Licensing Considerations for V76.x or V80.x Software

The purpose of this TecNote is to assist the user in Licensing software on ATCs or 2070 hardware platforms that utilize V76.x or V80.x software. Specifically this TecNote will address hardware that has an existing license that needs to be modified due to the addition or removal of a controller software module(s). The registration screen is accessed via MM->8->6.



```
License Registration
Status : VALID LICENSE
Code   : 04:a1:76:22:17:d0:71:6c
License: 41-161-118- 34-134-169

Modules: LOC,SynGrn,TSP

Register: NO          Remove License: NO
```

Entering a New License on an unregistered V80.x or V76.x Controller Unit

- 1) Go to MM->8->6 and get the code that is generated by the controller.
- 2) Send the controller code to your Trafficware representative. This code will produce a License number that your representative will give to you.
- 3) Enter the generated License number.
- 4) Go to Register and select YES and hit the enter key.
- 5) The Status should change from UNREGISTERED to VALID LICENSE.
- 6) The user should power off/on the unit. The user is allowed to now turn on the Run Timer at **MM->1->7**.

License Removal for V80.x or V76.x for Builds prior to Build 6047

When a user needs to add a new software module or remove a module, the unit must be unlicensed and relicensed. To remove a license from your unit, follow the following steps.

- 1) Go to **MM->1->7** and turn off the Run timer.
- 2) Go to **MM->8->6** and navigate to Remove License and select YES and hit the enter key
- 3) Hit the Esc Key and a new code will be generated. **DO NOT POWER OFF THE UNIT.** If the unit is powered off, a new license number will be generated, thus nullifying the original generated license.
- 4) Send the controller code to your Trafficware representative. This code will produce a License number that your representative will give to you.
- 5) Enter the generated License number.
- 6) Go to Register and select **YES** and hit the enter key.
- 7) The Status should change from **UNREGISTERED** to **VALID LICENSE**.
- 8) The user should power off/on the unit. The user is allowed to now turn on the Run Timer at **MM->1->7**.

License Removal for V80.x and V76.x for Builds after Build 6047

- 1) Go to **MM->8->6** and navigate to Remove License and select **YES** and hit the enter key.
- 2) Once the license is removed, the controller unit will restart.
- 3) Once the restart is complete, the device will rest on the main screen.
- 4) During the power-up of the unit, the user can hit the “**5**” key to intercept the normal process and enter into the licensing screen.
- 5) Once there, you can retrieve the registration code that is displayed and then send it to your Trafficware representative to obtain a license.
- 6) The device can now be powered down while waiting for a new license key from Trafficware.
- 7) Once new license key is received, the the user should hit the “**5**” key during the power-up to enter into the licensing screen.
- 8) Enter the generated License number.
- 9) Go to Register and select **YES** and hit the enter key.
- 10) The Status should change from **UNREGISTERED** to **VALID LICENSE**.
- 11) The device will restart with the new license in scope.
- 12) In case the unit was accidentally auto licensed, the user can repeat steps 1-4. Once the user is in the license screen showing UNLICENSED, the user then have the option to enter the new key and toggle the Register field to record the new license.

Activating Licensed Modules

MM->8->4->2, the **Run Options** screen, allows the user to active specific licensed software modules. To access this menu the user must turn off the Run Timer (MM->1->7) and select, by toggling the data to **YES**, the appropriate module as listed below. Once selected the user must power off the unit to implement and activate the software module. Then turn on the Run timer (MM->1->7) to run the unit. The modules are:

Module	Run-Time Enables	
	Sel	Avail
Master	NO	YES
Transit	YES	YES
D-CS	NO	YES
NazAdapt	NO	YES
SynGrn	YES	YES
Emrgncy	NO	YES
WebAccess	NO	YES

- **Master:** Activate System Master software with Traffic Responsive on the Local Controller
- **DC-S:** Activate the Detector Control System software on the Local Controller
- **Transit:** Activate Transit Priority software on the Local Controller
- **Emrgncy:** Activate Emergency Priority software on the Local Controller
- **NazAdapt:** Activate System Master software with Traffic Adaptive on the Local Controller
- **SynGrn:** Activate Synchro Green Adaptive software on the Local Controller
- **DSRC:** Dedicated Short Range Communications Module
- **WebAccess:** Allow web access to controller screens

Summary

By following this TecNote, you can license V80.x and V76.x software on ATC and 2070 controllers.