

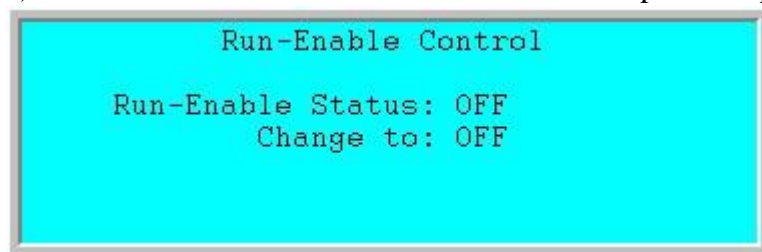
TecNote 1011 - Installing Valsuite or Linux Software on a Naztec ATC Controller via the USB Port

The purpose of this TechNote is to assist the user in installation of the Valsuite or Linux operating system software on a Naztec ATC Controller or a 2070-1C Module via the USB Port.




Setup for the installation of Software

- 1) Do not insert the USB Memory drive in the ATC at this time.
- 2) You must disable the Run Timer at MM->1>7 prior to updating the software.



- 3) Navigate to MM->8->9 to remove software.

```
      Login and Utilities
1.Login      4.Init DBase 7.Clear Fault
2.SetAccess 5.ImageUtils 8.Reserved
3.FlashUtils      9.Remove Softwr
```



```
•WARNING WARNING WARNING WARNING WARNING
The software will be completely removed.
This will take a few minutes.

Enter the Code (7250):0000

WARNING WARNING WARNING WARNING WARNING
```

or


```
[WARNING WARNING WARNING WARNING WARNING
The software will be completely removed.
This will take a few minutes.

Are you sure? NO
```

4) If requested, enter the code **7250** or toggle to **YES** and hit enter.

```
•WARNING WARNING WARNING WARNING WARNING
The software will be completely removed.
This will take a few minutes.

Enter the Code (7250):7250
```

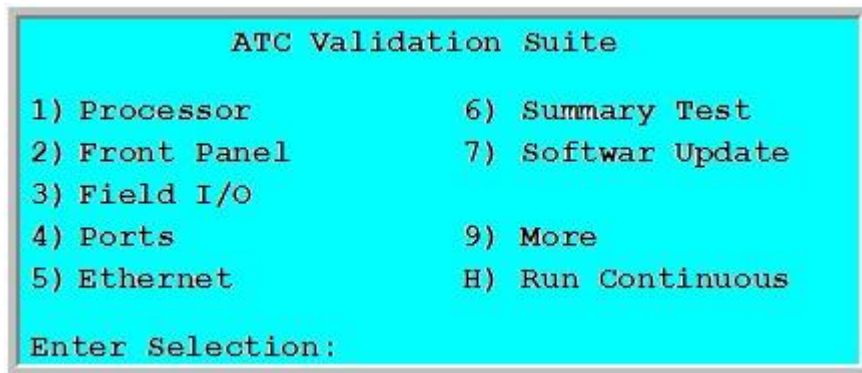


```
WARNING WARNING WARNING WARNING WARNING
```

```
[WARNING WARNING WARNING WARNING WARNING
The software will be completely removed.
This will take a few minutes.

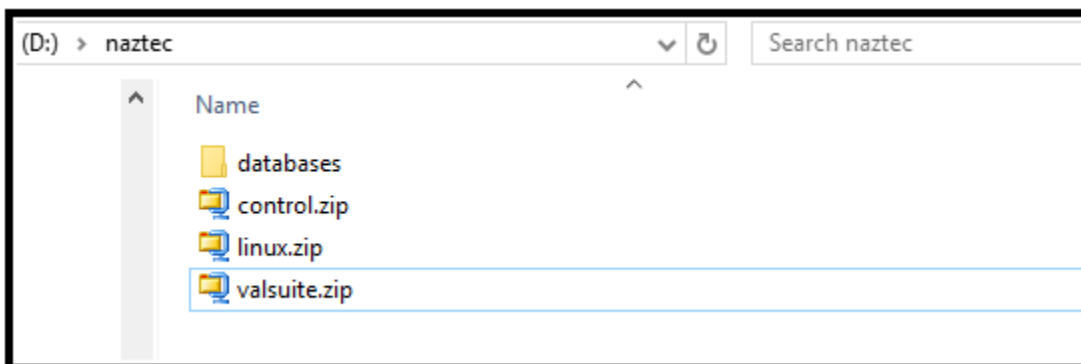
Are you sure? NO
```

- 5) Wait approximately 1 minute once the software is removed, the screen will display the Linux overview screen and then display the ATC Validation Suite menu as shown below.



Setting up the USB drive Directory Structure

- 1) USB 2.0 devices vary by manufacturer. Valid USB 2.0 drives tested by Trafficware include **Kingston DT101 G2 8GB USB, Lexar 8GB, Lexar 16GB and Toshiba U2M 8GB USB.**
- 2) If the USB is not recognized please remove and reinsert so that it can be mounted.
- 3) Your USB Memory drive MUST have a directory named **naztec** on the root (note that the directory name is case sensitive). The validation suite is expecting a program
- 4) Copy the program file called **valsuite.zip** to this directory. If you are updating the linux please copy the program **linux.zip**. You can receive these files from Trafficware representative or the Trafficware support team. If you receive a file from your representative make sure that you rename it to the highlighted names shown above. Depending on your installation needs, the directory structure will be shown below:

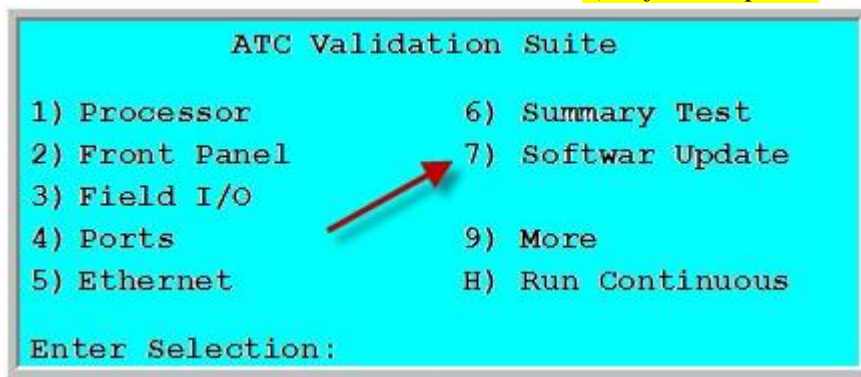


- 5) NOTE: As a rule of thumb you may have to update the valsuite if you are updating any ATC that has software prior to V76_12x.

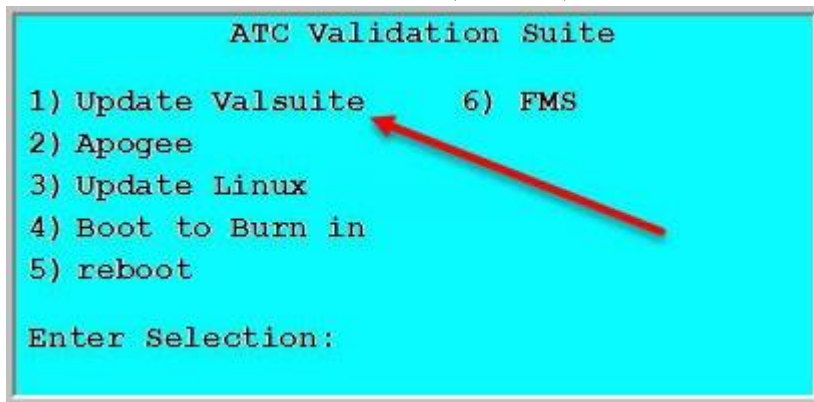
Updating the ATC Valsuite System (if needed)

NOTE: If you are not updating the Validation Suite skip immediately to the updating Linux software section! This step is necessary when installing the file control.zip if your previous version of V76 is earlier than V76.12.x. Otherwise this step is not necessary.

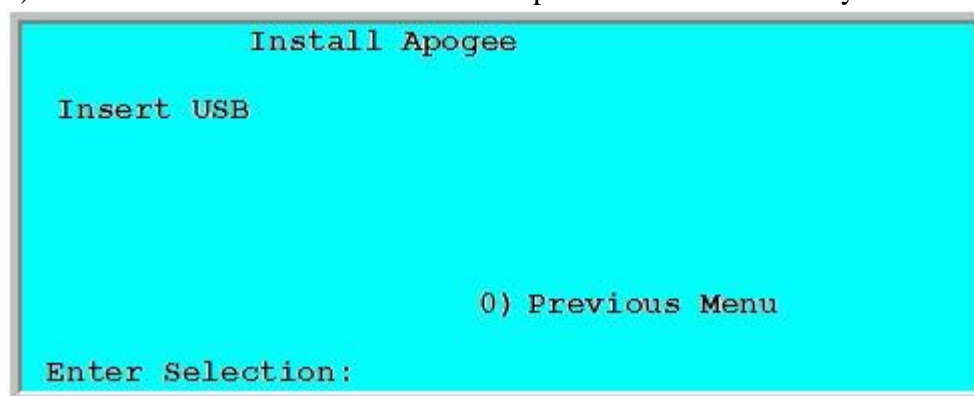
- 1) From the ATC Validation Suite Menu choose **7) Softwar Update**.



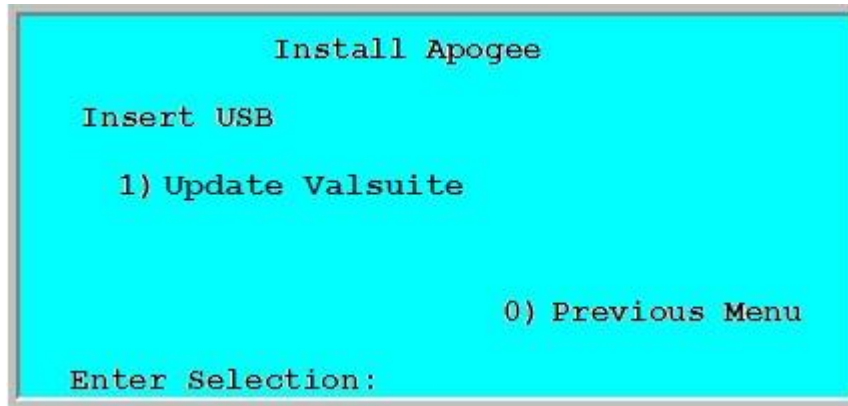
- 2) The following screen will be displayed. Choose **1) Update Valsuite** to update the controller's ATC Validation Suite software (Valsuite).



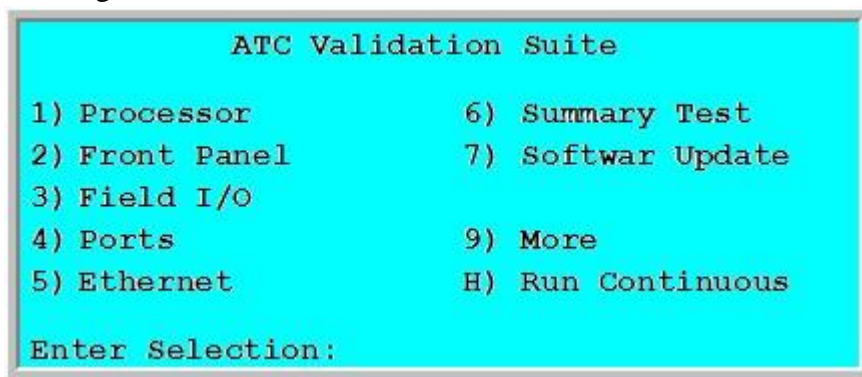
- 3) You will see the screen below. At his point insert the USB Key.



- 4) You will now be able to choose **1) Update Valsuite** to Update the Linux operating system on the ATC.



- 5) The process of updating the Valsuite system takes about 1 minute. When completed you will be brought back to the ATC Validation Suite Menu.



WARNING WARNING WARNING WARNING WARNING

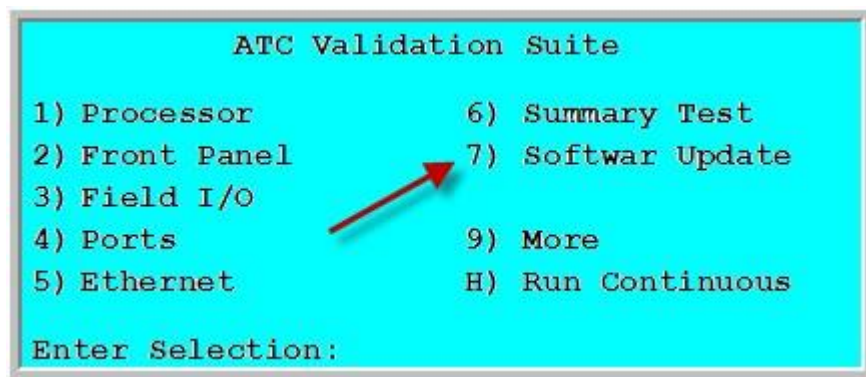
The user must **NOT** remove the USB Memory device during the Linux Operating System Update process !

WARNING WARNING WARNING WARNING WARNING

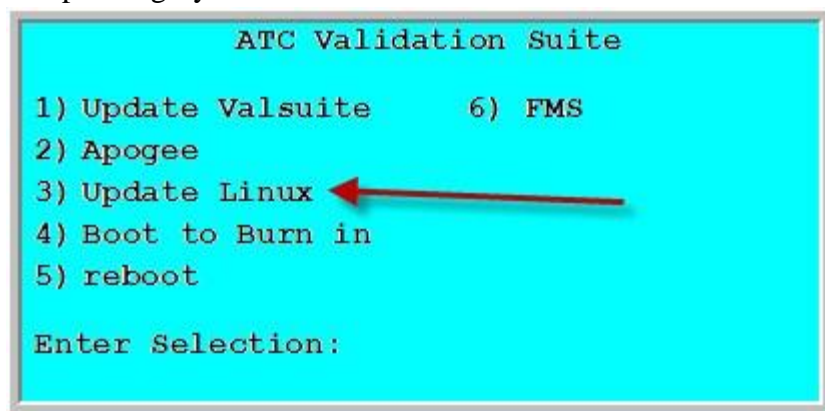
Updating the ATC Linux Operating System (if needed)

NOTE: If you are not updating the Linux Operating system skip immediately to the next section! The majority of the time this step is not necessary!

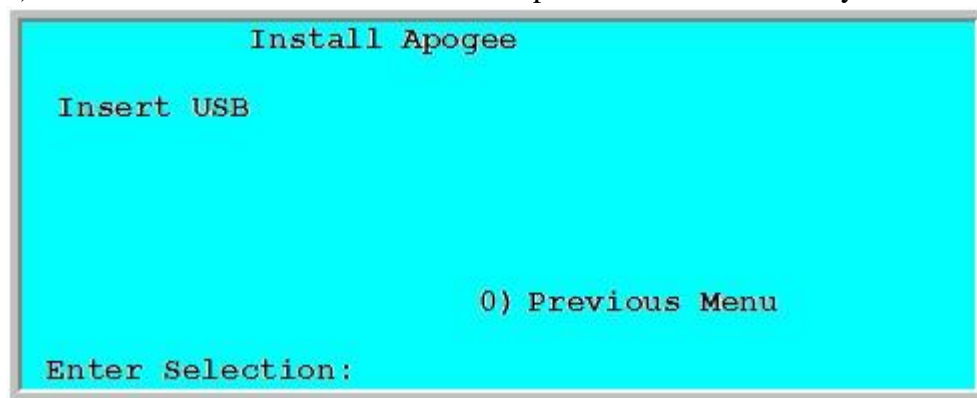
- 1) From the ATC Validation Suite Menu choose **7) Softwar Update**.



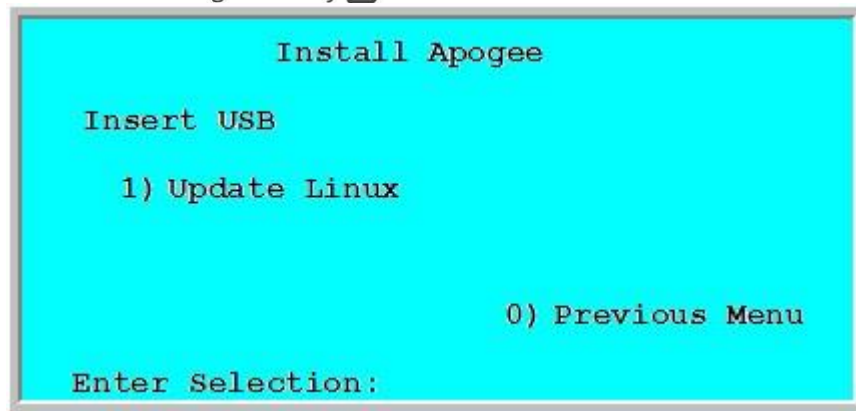
- 2) The following screen will be displayed. Choose **3) Update Linux** to update the controller's Linux Operating System.



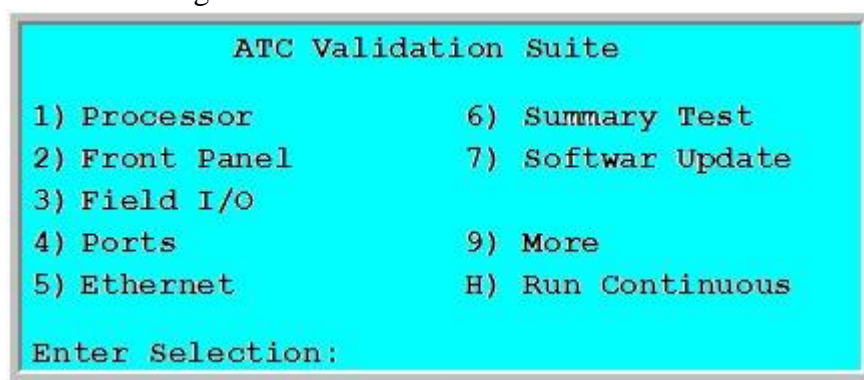
- 3) You will see the screen below. At his point insert the USB Key.



- 4) You will now be able to choose **1) Update Linux** to Update the Linux operating system on the ATC.



- 5) The process of updated the Linux Operating system taked about 1 minute. When completed you will be brought back to the ATC Validation Suite Menu.



WARNING WARNING WARNING WARNING WARNING

The user must **NOT** remove the USB Memory device during the Linux Operating System Update process !

WARNING WARNING WARNING WARNING WARNING

Updating the ATC Traffic Control software

The traffic control software updates are now described in TecNote 1014. It is available on Trafficware support website: <https://trafficware.zendesk.com>.

Summary

By following the steps above, you can update your ATC Software simply with a USB Memory device.