Windows 10 BIOS Setting
VIG451J (PMPFS451)

Vig451J system configured with Windows 10 will have following default BIOS settings. If you wish to downgrade from Windows 10 to Windows 7 or other legacy operating system, then BIOS must be configured to Non-UEFI mode.

Windows 8/8.1 UEFI mode BIOS settings.

Secure Boot Control   **[Enabled]**

CSM Parameters
CSM Configuration
    Launch CSM   **[Enabled]**
    Boot Option filter   **[UEFI Only]**
    Launch PXE OpROM policy   **[UEFI only]**
    Launch Storage OpROM policy **[UEFI only]**
    Launch Video OpROM policy   **[UEFI OpROM]**

    Other PCI device ROM priority **[UEFI OpROM]**

Windows 7 (Non UEFI Mode) BIOS settings.

Secure Boot Control   **[Disabled]**

CSM Parameters
CSM Configuration
    Launch CSM   **[Enabled]**
    Boot Option filter   **[UEFI and Legacy]**
    Launch PXE OpROM policy   **[Legacy Only]**
    Launch Storage OpROM policy **[Legacy Only]**
    Launch Video OpROM policy   **[Legacy Only]**

    Other PCI device ROM priority **[Legacy OpROM]**

To enable downgrade to Windows 7 operating system, BIOS settings must be changed to boot into Legacy BIOS mode (Non UEFI Mode).

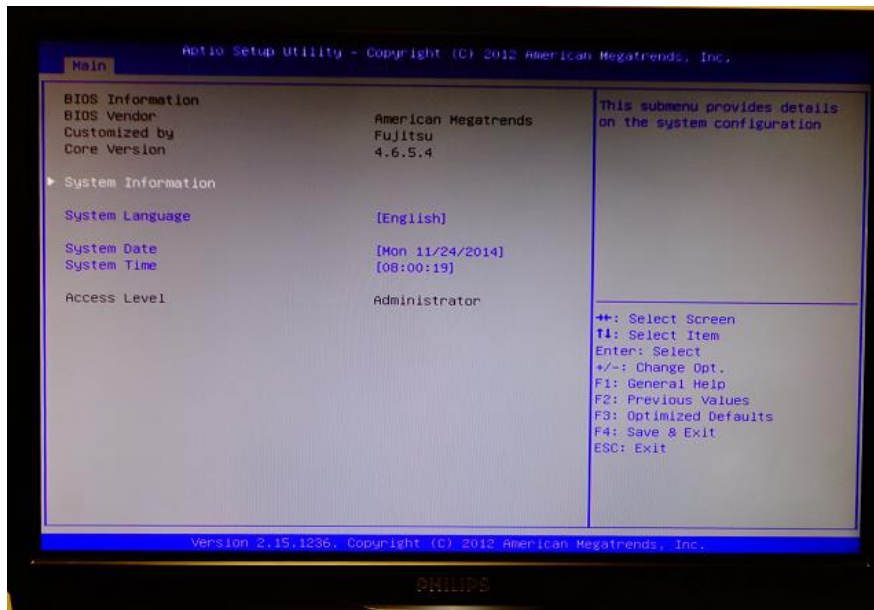| Note |
|---|
| Please ensure the changes of the following settings are performed by personnel with some previous experience/knowledge of altering BIOS settings. |

Figure 1- BIOS setup Screen

BIOS Settings for Windows 8/8.1 Operating System (UEFI Mode)

Accessing BIOS Setup

Press the **<DEL>** key to access BIOS setup during POST checks.

Enabling Windows 8/8.1 Features [UEFI Mode]

1. **From the BIOS main menu select <Security>**
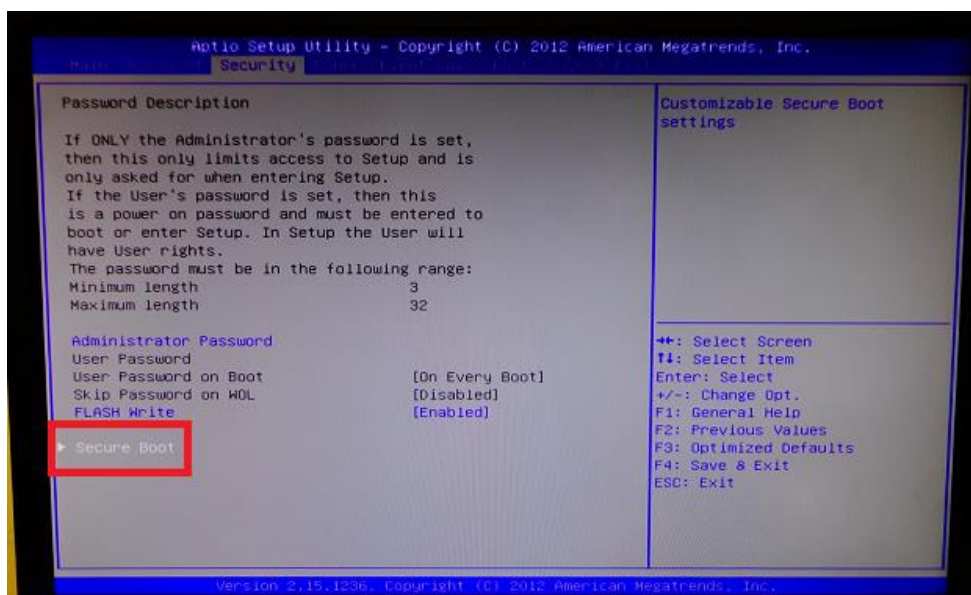2. **Select <Secure Boot>**

Figure 2 –Secure Boot option

3. On the 'Secure Boot Configuration' menu Enable below settings:
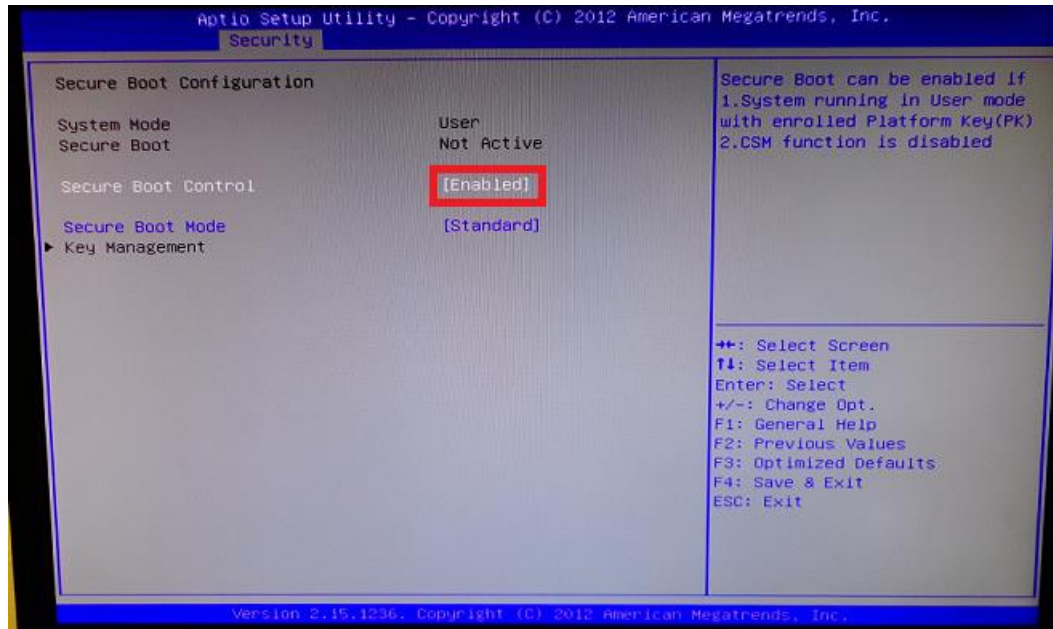
    Secure Boot Control   [Enabled]

Figure 3 – Secure Boot Configuration

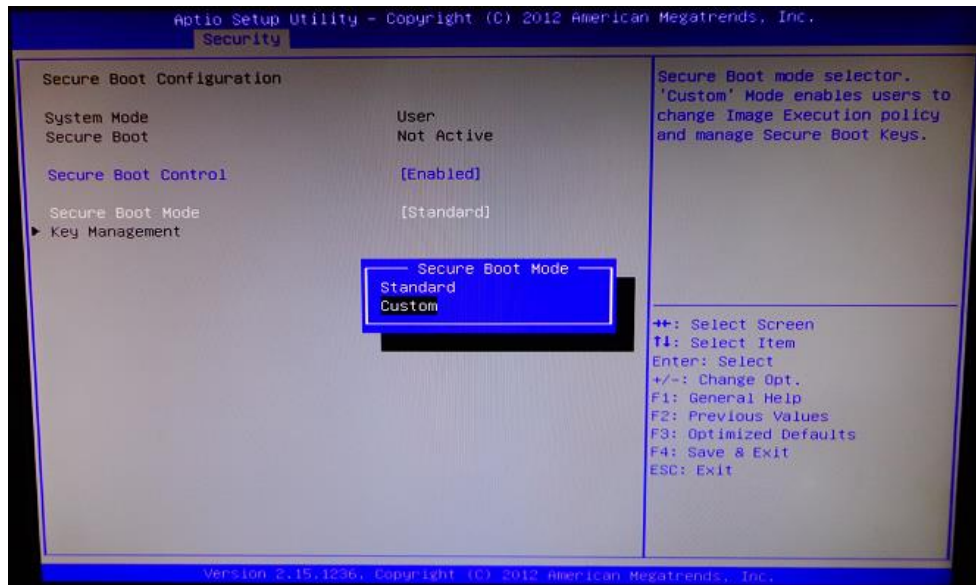4. From Secure Boot Mode Select [Custom]

Figure 4 – Secure Boot configuration
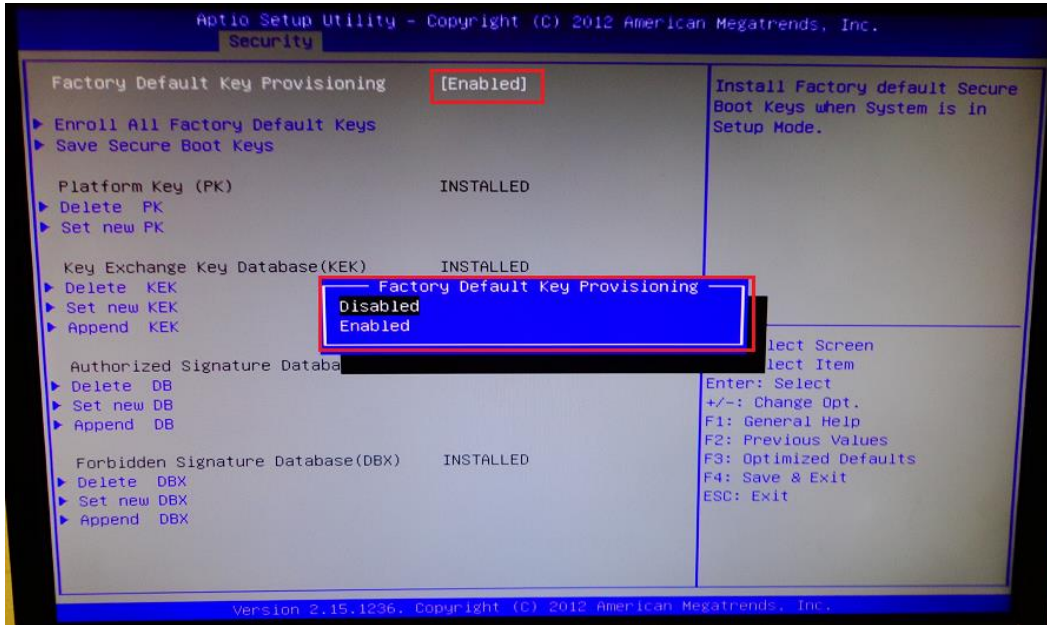
5. Enable Factory Default Key Provisioning

Figure 5 – Secure Boot Default Key Provisioning

6. Select 'Enrol All Factory Default Keys' to install the default keys. Ensure all keys are set to installed
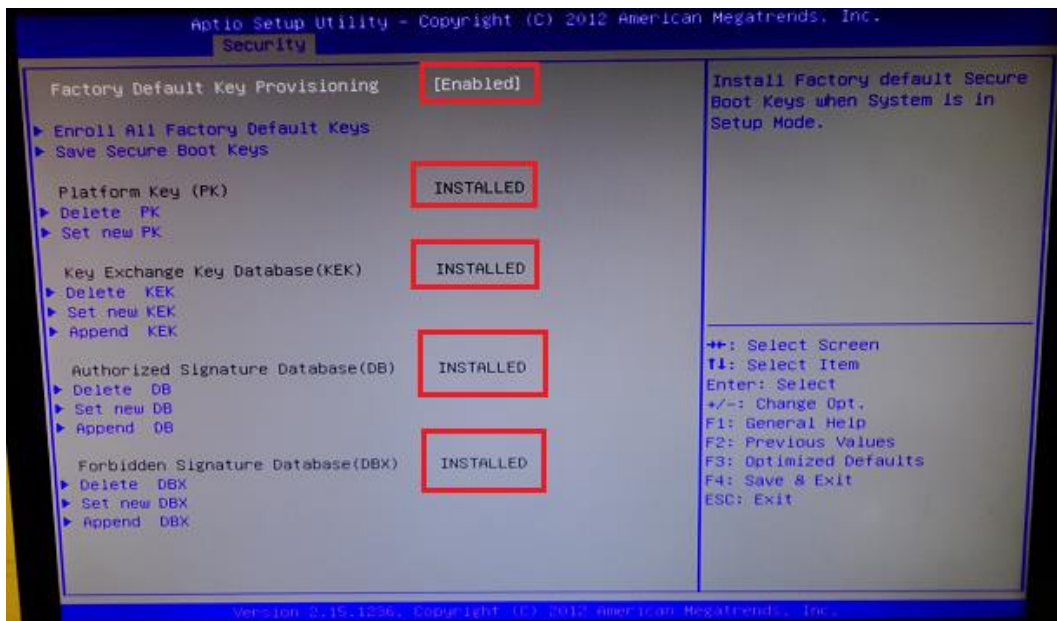

Figure 6 - Secure Boot Default Key Provisioning

7. Press Escape to Exit the Secure Boot Default Key Provisioning screen.
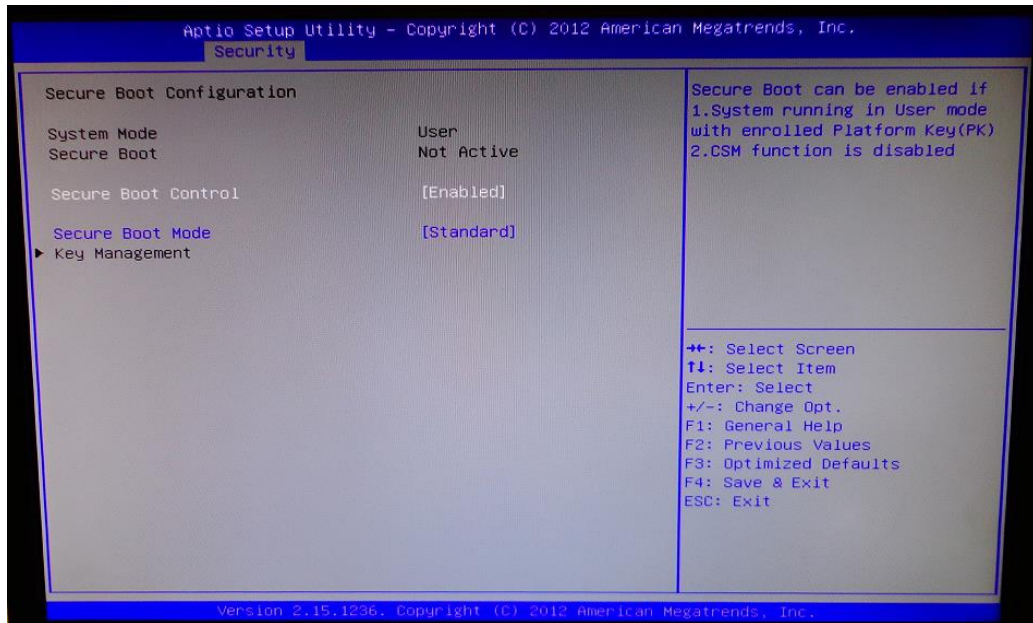8. Set the Secure mode to [Standard]

Figure 7 – Final Secure Boot Configuration Settings

Note: When Secure Boot Control is set to [Enabled], CSM Parameters option will not be visible under Boot screen. CSM parameters is available when Secure Boot Control is set to [Disabled]
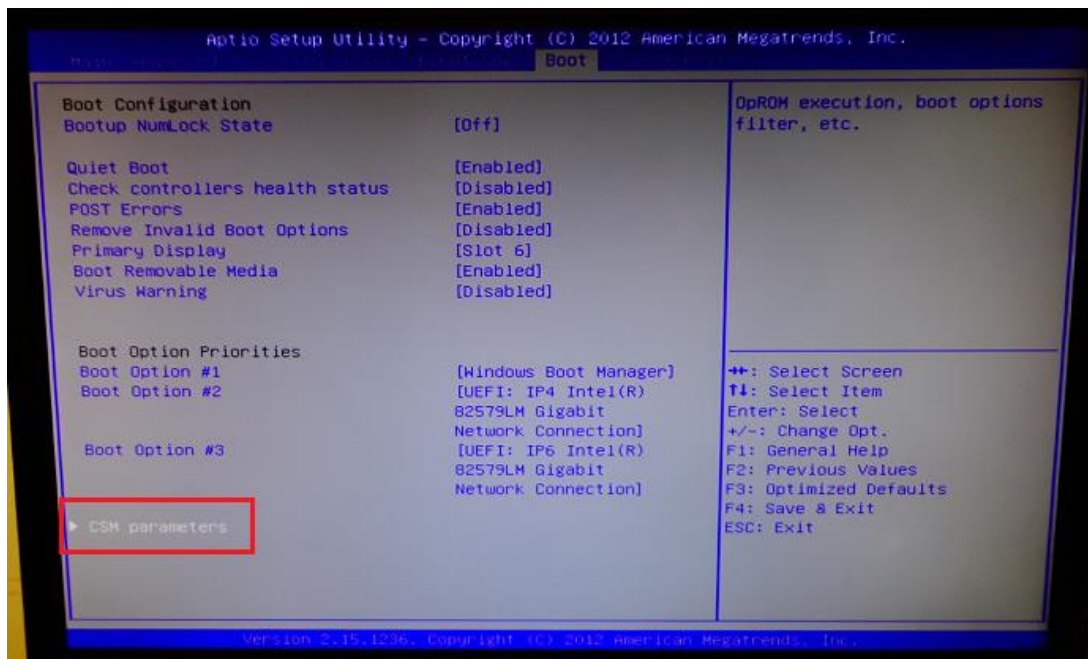

Figure 8 – CSM parameters under Boot screen

For Windows 8/8.1 configuration CSM Parameters are set to following:

CSM Parameters
CSM Configuration
       Launch CSM   **[Enabled]**
       Boot Option filter   **[UEFI Only]**
       Launch PXE OpROM policy   **[UEFI only]**
       Launch Storage OpROM policy **[UEFI only]**
       Launch Video OpROM policy **[UEFI OpROM]**

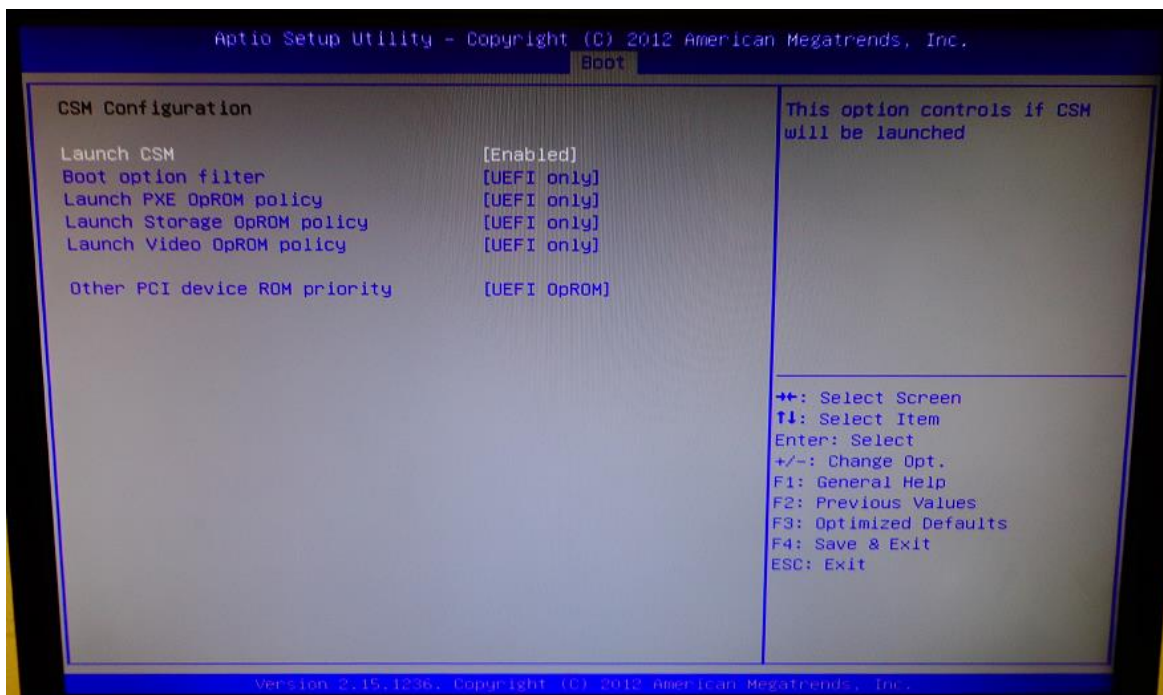   Other PCI device ROM priority **[UEFI OpROM]**

Figure 9 – UEFI CSM Settings

For Windows 7 operating systems Secure Boot Control settings should be set to Disabled.

Disabling Windows 8/8.1 Features [Non UEFI Mode]

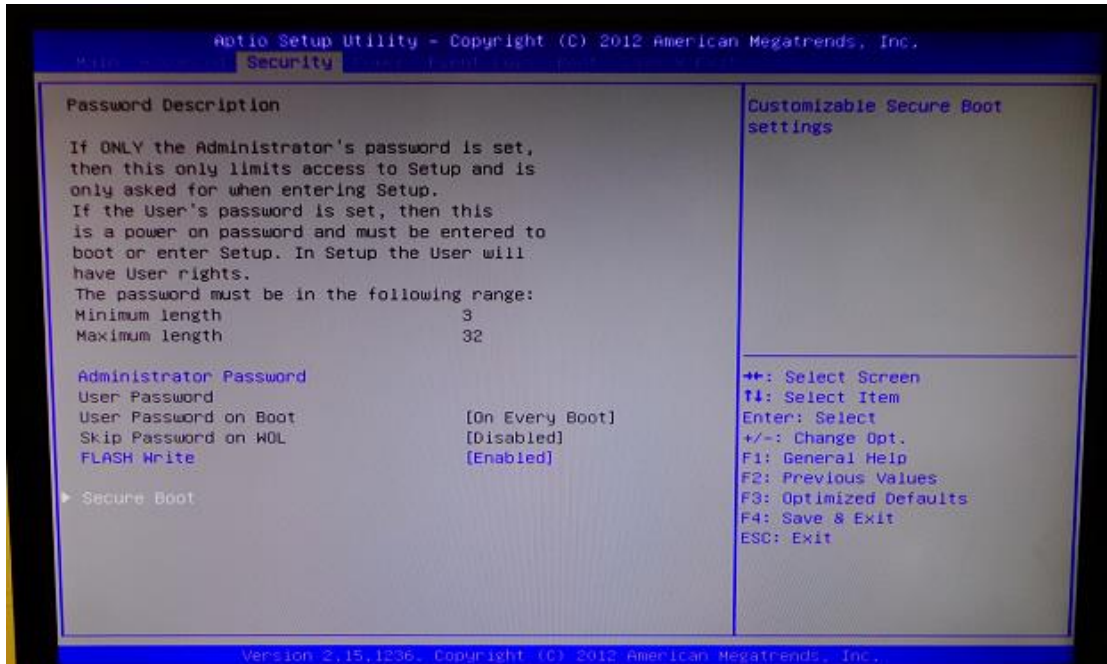## Disabling Secure Boot

1. Select 'Secure Boot' from Security Screen.

Figure 10 – Default Key Provisioning [Disabled]
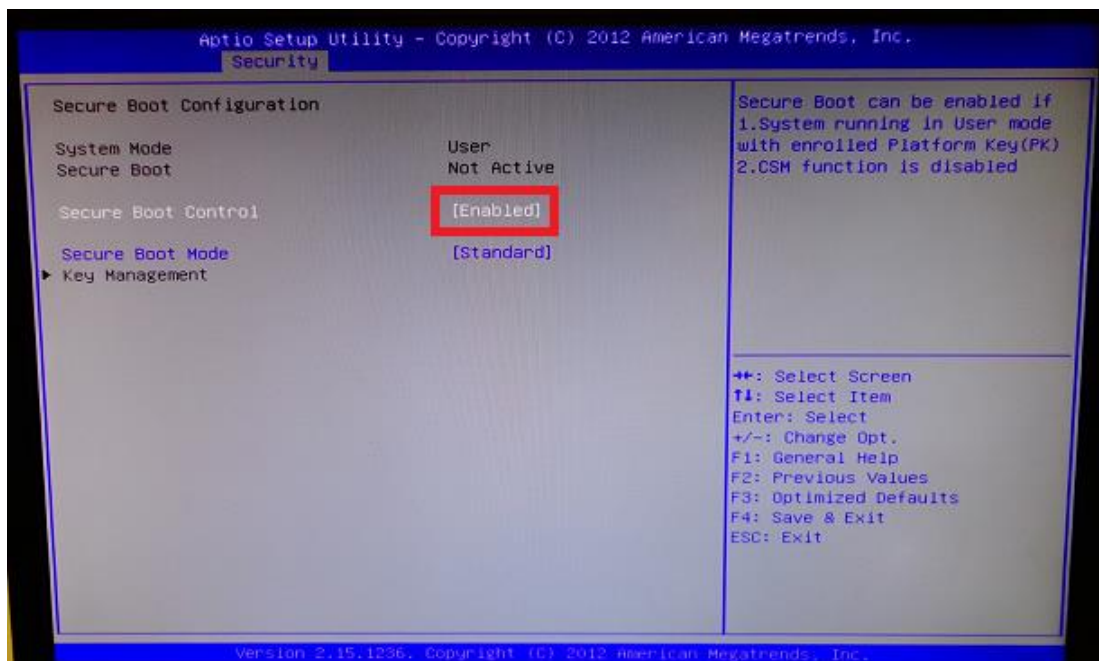
2. Select Secure Boot Control and select **[Disabled]**

Figure 11 – Disabling Secure Boot

3. Press <**ESC key**> to exit the Security Menu and navigate to the Boot Menu.

4. Select <**CSM parameters**> and change the settings to following:

    CSM Parameters
    CSM Configuration
    Launch CSM   [Enabled]
    Boot Option filter   [UEFI and Legacy]
    Launch PXE OpROM policy   [Legacy Only]
    Launch Storage OpROM policy   [Legacy Only]
    Launch Video OpROM policy   [Legacy Only]

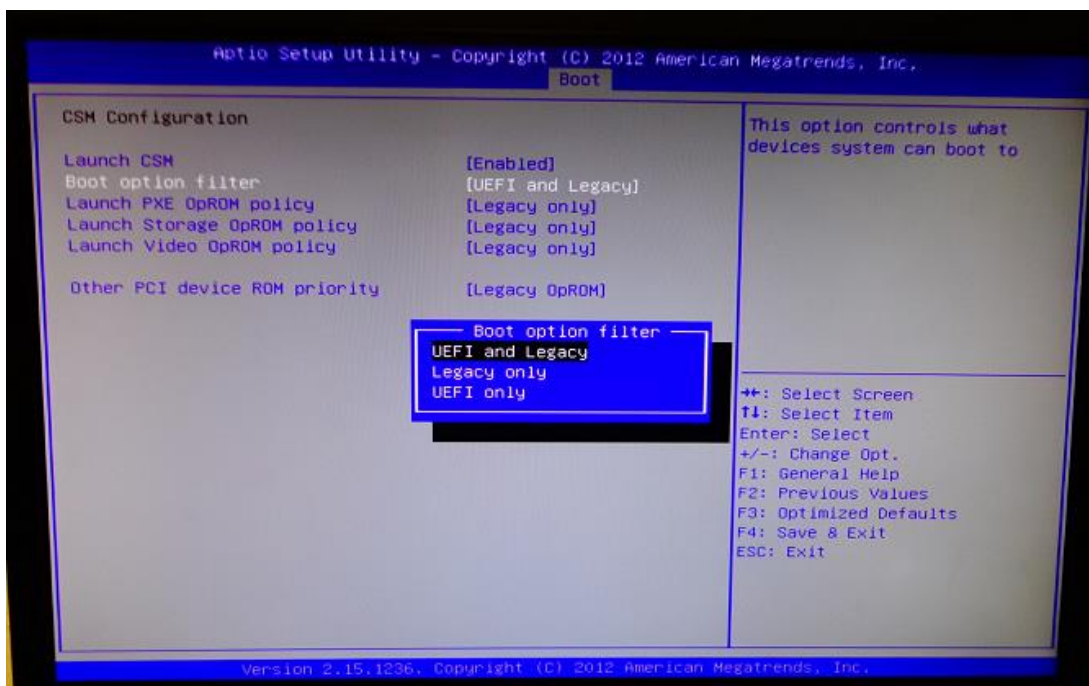   Other PCI device ROM priority   [Legacy OpROM]

Figure 12 -

5. Once all BIOS settings have been configured press <**F4**> key to Save and Exit the BIOS Setup.

Additional information:

For BIOS, Drivers and Documentation enquiries please contact Viglen Technical Support Department on technical@viglen.co.uk.

Remember to include your PC serial number in all correspondence.