

**Vista IV OS Update**  
**Version 1.05**  
**Release Date: 01/04/2013**

**Feature Additions:**

1. Added PODS Button Support (Vista IV Touch Only)
  - a. Allows the OEM to plug PODS buttons directly into the Vista IV Touch Only display without required a PODS Controller node.
  - b. Up to 7 buttons are supported by this interface by defining the Legend Buttons on the Vista IV Touch Only.
  - c. V-MUX System Designer v1.8.10 is required for this support
2. Added Inverted Display Support (Vista IV Touch Only)
  - a. Allows the OEM to install the Vista IV Touch Only upside down.
  - b. V-MUX System Designer v1.8.10 is required for this support.
3. May now be assigned a Node ID of up to 32. Previous limit was 16.
4. Allows USB port to be used to charge USB devices.

**Feature Modifications:**

1. Restructured the OS to allow the Vista IV Touch Only to work better in cold weather situations.
  - a. An issue was identified with the Vista IV Touch Only display where data was occasionally being corrupted between the RAM and the Processor in cold weather situations (-20C).
  - b. The memory map of the OS was restructured to correct for this issue.
  - c. The Vista IV with Buttons has a different processor board and does not appear to be susceptible to the cold weather startup issue, but updating the display to this version of the OS will not cause any adverse issues.

**Corrections:**

1. Corrected issue with Momentary buttons sticking
  - a. When a screen change occurs, Momentary buttons that were being held down during the screen shift would “stick” on. This has been corrected so that the buttons will release properly.
2. Corrected some spacing issues with Diagnostic Special Function Blocks.