**WinPAS 12 –Patch Change Log**

**Patch 1 – Recommended**

* bug fix to ensure all input values are now saved and loaded properly (Note: old project files will not load correctly, only newly saved project files)
* bug fix to “Total ESALs by Axle Data” window saving values on close
* final k-value in reports will now match the unmodified k-value, when no k-value modifications are made, instead of reporting zero
* bug fix to remove units value for ESALs in reports
* fixed issue with “Cost” report not loading on all systems
* fixed “ESAL Determination by Axle Data” report to properly display the total value for flexible and rigid ESALs
* layers within “Layer Pavement Design/Evaluation” section of a new asphalt design report are now ordered correctly

**Patch 2 – Recommended for Windows 8 Users**

* addresses compatibility issues for Windows 8 users
* fixed issue with unbonded concrete overlay design on concrete, where saved terminal serviceability value was not loading correctly when re-opening form

**Patch 3 – Recommended**

* addresses issues with directional distribution not being properly factored into calculation of ESALs when entering total traffic as 2-way.

**Patch 4 – Recommended**

* updated the licensing module to address incompatibility issues with Windows 8.1
* fixed a bug, whereby the flexible and rigid ESAL values calculated in the ‘by Vehicle Type’ and ‘by Truck Factor’ forms did not carry over properly to the design/analysis input forms