

MV5 (Coming Soon)



The Cutting Edge in Process Control Visualisation Technology

The new visualisation layer for MacroView utilises the latest in XAML vector based technology. MV5 combines the XAML environment with the power of the WPF, Silverlight, Mono and Moonlight platforms.

To greatly enhance the graphical capabilities of the MacroView Process Control System, Sentient has enabled Plant information to be bound in XAML files using Microsoft's Expression Blend software.

MacroView has always utilised **vector based graphics** and the XAML environment enables quick and simple integration of graphics and data. The amazing capability of the vector based XAML system allows visually engaging graphics without the size and resolution limitations of bitmaps.

3D models can be imported and utilised in the graphics.



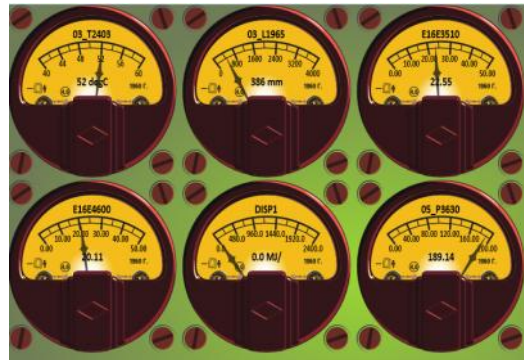
The power and extensibility of the MV5 environment allows each property of an object to be bound to Plant Data. For example a Text Update traditionally has a value, foreground and background colour that can be bound to Plant Data. In MV5 some of the properties include Opacity, Size (Width, Height), Position, ZIndex, Alignment, Margins, Tooltips, Font, FontSize, Bold, etc all of which can be bound to external Plant information.

Multiple page formats exist which manipulate the layout and behaviour of graphics. For example pages can vary from a fixed aspect canvas to a view box which can automatically position objects on the page.

Due to the nature of Vector based graphics the images will scale **automatically** from **small mobile** devices to **very large high resolution monitors** and overhead projectors. The text based XAML files are **small in size** which enables ease of deployment and fast system response.

The entire environment is extensible with hooks to the .NET platform, so has very powerful customisation possibilities.

Extensible Template Capability



As MacroView is **object aware**, templates can be created and easily bound to the entities. This can significantly reduce engineering, commissioning costs and simplify changes and enhancements.