Picture Sizing and Conversion to Enhanced Coordinates information for iFix 5.8

Here is some Information we wanted to share located in the Ebooks, regarding Enhanced Coordinate

We realize some customers are having challenges designing pictures in iFix 5.8 with the new Enhanced Coordinate System, especially when developing for multiple screen resolutions. The information is from the Ebooks under the sections "Design Tips" and "Tips: Sizing and Locating a Picture" has some interesting information. We have included them below. One thing we wish to point out, is if you are developing for multiple resolutions, the pictures should be developed at the minimum resolution, this way it scales better when it's brought up to larger resolutions.

Design Tips

Enhanced Coordinate System Tips

The following tips are for developing pictures with the Enhanced Coordinate System:

- Design Enhanced Coordinate pictures for the terminal on which they will be viewed. When designing the picture for a specific resolution, you should use a terminal with that same resolution for your development.

- Use the minimum resolution when designing for a wide range of resolution for target devices. When creating pictures that will be used on multiple resolutions, it is recommended to develop those pictures using the minimum resolution at which the picture will be displayed.

- When upgrading pictures to Enhanced Coordinates, be sure the existing picture displays as you want it to view on the screen. When upgrading pictures from the Logical Coordinate System to the Enhanced Coordinate system, make sure the existing picture views as you wish before you upgrade the picture. Since the upgrade process uses the dimensions of the existing picture, any issues with the existing picture are transferred to the upgraded picture.

- Develop separate pictures for mobile devices. When developing an Enhanced Coordinate system picture for a mobile device, create a separate picture; that is, do not use the same picture that you use for a wide screen or other full size target devices.

Tips: Sizing and Locating a Picture

The way that a picture appears in Run mode can be very different from the way it appears in Configure mode, especially if the WorkSpace will not be full screen in Run mode. Before you create a picture, use the following tips in Configure mode to coordinate the appearances of the picture in configure mode and in run mode:
- If you will be using the WorkSpace full screen in Run mode, maximize the WorkSpace in Configure mode in Classic view by selecting Full Screen from the WorkSpace menu. To maximize the WorkSpace in Configure mode in Ribbon view, on the Home tab, in the WorkSpace group, click Full Screen.
- Float or hide toolbars. To modify settings for toolbars, in Classic view, select the Toolbars option from the WorkSpace menu. In Ribbon view, on the Home tab, in the WorkSpace group, click Settings and then click Toolbars.
- Float or hide the system tree. To toggle the display of the system tree, in Classic view, select System Tree from the WorkSpace menu. In Ribbon view, on the Home tab, in the WorkSpace group, click Show/Hide and then click System Tree.
- Set the Windows taskbar to appear the same as when iFIX is in the run-time environment. To toggle the display of the Windows taskbar, click the right mouse button in the taskbar and select Properties.

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TIP: For Ribbon view, to ensure access to the taskbar, after you set the toggle property, minimize and then maximize the WorkSpace.
- Set the Status bar to the same appearance as when iFIX is in the run-time environment. To toggle the display of the status bar, in Classic view, select Status Bar from the WorkSpace menu. In Ribbon view, on the Home tab, in the WorkSpace group, click Show/Hide and then click Status Bar.
- Use Zoom to Fit to suppress scroll bars and view the entire graphic of pictures created with or upgraded to the Enhanced Coordinate System.

   When creating new pictures with the Enhanced Coordinate System, consider the following recommendations:
   - Develop pictures on the screen resolutions where they are to be viewed.
   - When there are multiple display resolutions on the target devices, it is recommended to develop those pictures using the minimum resolution at which they will be displayed.
   - Mobile devices require you to develop separate pictures designed specifically for the mobile displays.

If you set Run-time Environment Protection to disable the title bar or the menu bar, you will not be able to set up Configuration mode to appear exactly as it would in run mode. To set run-time protection, access the Environment Protection Preferences tab in the User Preferences dialog box.

When you open an existing picture in run mode, the picture will adjust to the WorkSpace run-time Environment Protection preferences and settings that are currently enabled.

We hope this information provided will help with your projects.