How to convert InTouch Windows to ArchestrA Symbols

Legacy Tech Note #

1070

SUMMARY

Application Version:

- InTouch 2014 R2 (version 11.1)

This Tech Note provides the necessary steps to convert InTouch windows to ArchestrA Symbols. The feature to convert a window to ArchestrA Symbol is enabled only if the InTouch Application is either a Modern Application or a Managed Application.

In order to convert InTouch windows to ArchestrA Symbol for a Stand-Alone InTouch application you must convert the Stand-Alone InTouch application to a Modern InTouch application by following the section to convert a Stand-Alone InTouch application to a Modern InTouch application found in Tech Note 723.

OPERATING SYSTEM

Windows 8
Windows Server 2008
Windows Server 2008 R2
Windows Server 2012
Windows 7 SP1 (Embedded 32 bit only)
Windows 7 SP1 Professional, Enterprise, Ultimate (32/64 bit)
Windows 8 Professional, Enterprise (32/64 bit)
2008 R2 SP1 Standard, Enterprise (64 bit)

SITUATION

How to convert a Single InTouch Window to ArchestrA Symbols

1. Open the Modern InTouch application in WindowMaker
2. Right click on the specific window the user would like to convert to ArchestrA Symbols
3. Figure 1 (below) shows selecting Convert To ArchestrA Symbol. The Convert To ArchestrA Symbol menu option is enabled only when the window is closed.
Note that **ArchestrA Graphic Toolbox** is now visible. This means you can create ArchestrA Symbols.

4. When you click **Convert To ArchestrA Symbol** you see the dialog box where it is creating a symbol (Figure 2 below). For this example, we are converting a window named *Win1*.

![Convert to ArchestrA Symbol](image)

**Figure 1: Convert to ArchestrA Symbol**

**Figure 2: Converting Status**
5. Once it is finished click **View Details** to review the Conversion process details (Figure 3 below).

![Figure 3: View Details](image)

6. Click **Close**.

You now have two windows called **Win1_bak** and another window called **Win1**.

7. You also see a Graphic Toolset folder based on the application name. Under it you will notice the ArchestrA Symbol that was created (Win1 in figure 4 below).

![Figure 4: Application Folder and Win1 Symbol](image)

9. If you open the **Win1** window you notice it is an ArchestrA Symbol.

**How to convert Multiple InTouch Windows to ArchestrA Symbols**

1. Open the Modern InTouch application in WindowMaker.
2. In order to convert multiple InTouch windows to ArchestrA Symbol, ensure that all the windows are closed.
3. Click **File/Convert To AchestrA Symbol** (Figure 7 below).
4. Select the InTouch windows you would like to convert (Figure 8 below).
5. Click OK. You will see that it has started to convert the windows to ArchestrA Symbols (Figure 9 below).

6. When the conversion is finished click View Details to review the process details.
In this example, the conversion process converted 7 windows successfully and 2 windows were partially converted. The reason why the 2 windows were partially converted is because those two windows have real time trends, which cannot be converted into an ArchestrA Symbol.

8. Click **Window Conversion Report** (Figure 10 above).
9. The Window Conversion Report shows the information for the Windows that were selected to convert to ArchestrA Symbols.

10. Close the report.
11. Click **Close** on the Converting Windows to Symbols status dialog.
12. You now have multiple windows called “xxx_bak” and other windows called “xxx.”
13. You also have a Graphic Toolset folder based on the application name e.g. demoapp1_1024 and under it you will notice the ArchestrA Symbols created with the window names (Figure 12 below).

![Figure 12: Symbols in the ArchestrA Graphic Toolbox](image)

14. Double-clicking the ArchestrA Symbol Conveyor in the Graphic Editor opens and displays the window (Figure 13 below).
15. When you open the **Conveyor** window, notice it is an ArchestrA Symbol.

**Figure 13: ArchestrA Symbol Graphic Editor**

**Figure 14: ArchestrA Symbol**

**SUPPORTING INFORMATION**

**Note:**

Only the symbols and scripts of a window are converted. The window’s color, type, frame, title bar, size control, and Close button are excluded from the converted symbol.

Based on the InTouch graphic type, window graphics are converted as follows:

- All InTouch graphic primitives are converted to corresponding ArchestrA graphic primitives.
- An InTouch Smart Symbol is converted to an ArchestrA embedded symbol.
- An ArchestrA symbol within a window is converted to an embedded symbol. No new symbol is created for an embedded symbol.
- An InTouch symbol is converted to a group with the property TreatAsIcon=True.
- An InTouch cell is converted to a group with the property TreatAsIcon=False.
- InTouch Windows controls are converted to ArchestrA Windows controls.

**Some InTouch graphic components cannot be converted to ArchestrA symbols:**

- InTouch Real-time and Historical trends cannot be converted.
- ActiveX controls and the Distributed Alarm Display cannot be converted.