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How to Create a Modern InTouch Application or Convert a Stand Alone InTouch Application to a Modern InTouch Application

LEGACY TECH NOTE

1069

SUMMARY

Application Version:

- InTouch 2014 R2 (version 11.1)

This *Tech Note* provides the steps to create a Modern InTouch Application or to convert a Stand-Alone Application to a Modern Application.

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)

ACTION

How to create a new Modern InTouch Application

1. Open InTouch Application Manager
2. Select File/New or click the ICON in Figure 1 (below) to create a new InTouch application.

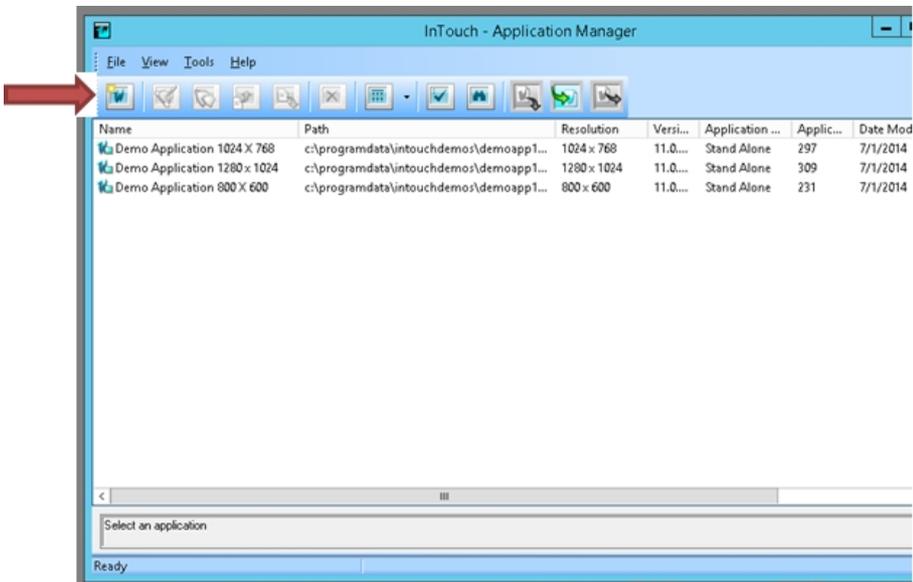


Figure 1: Create a New InTouch Application.

3. Select **Modern InTouch Application**.

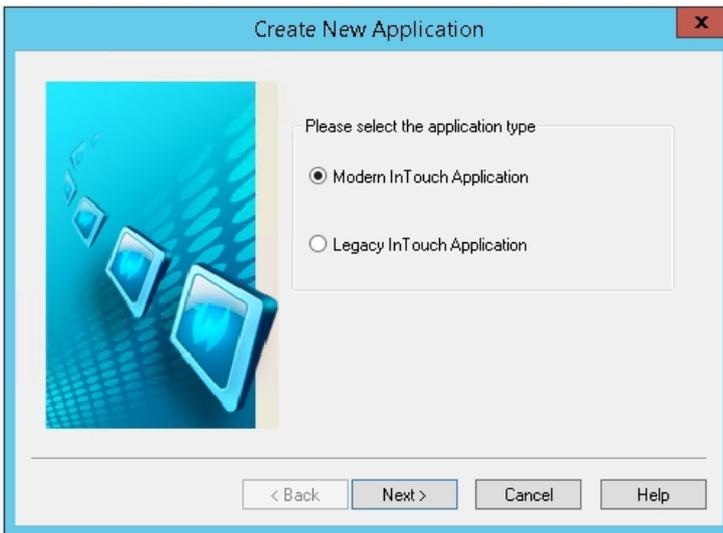


Figure 2: Modern InTouch Application Option

4. Click **Next**.
5. Select the directory path for the application (Figure 3):

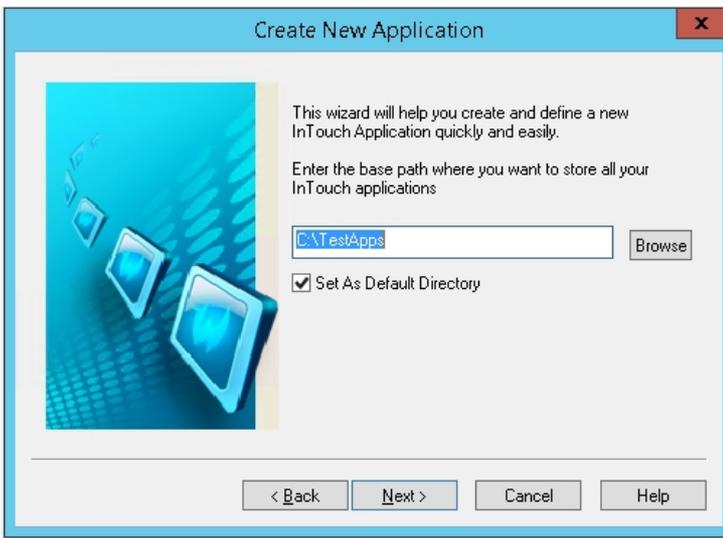


Figure 3: Application File/Directory Path

6. Click **Next**.
7. Type the directory name (Figure 4 below).

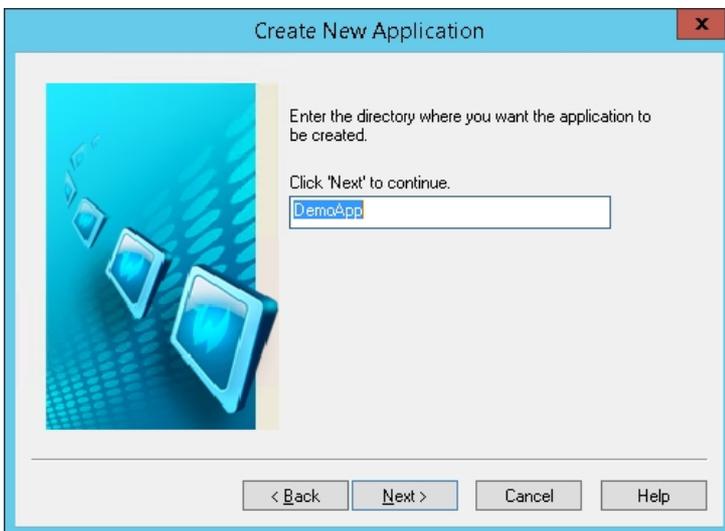


Figure 4: Application Folder/Directory Name

8. Click **Next**.
9. Type a name and description of the InTouch Application.

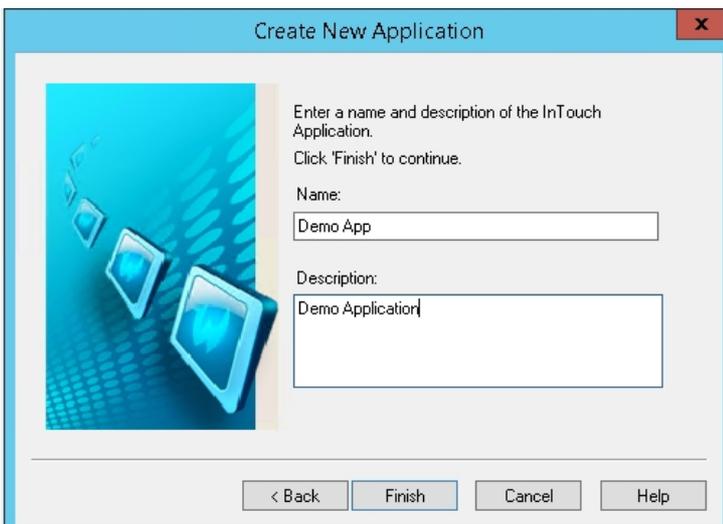


Figure 5: Application Name and Description

- Click **Finish**. The Create New Application process begins (Figure 6).

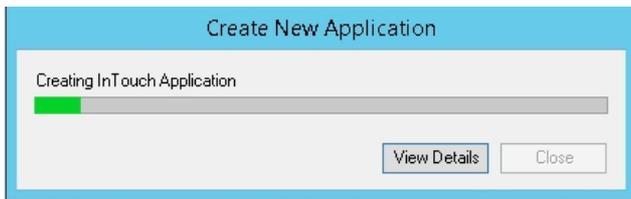


Figure 6: Create New Application

- Click **View Details** to display the process details.

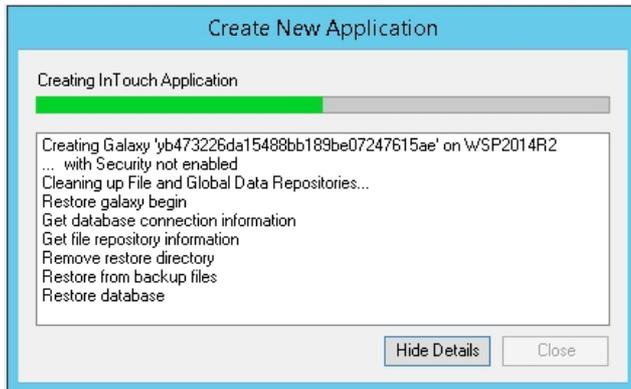


Figure 7: Details

- After the application is created, double-click it or Click on the WindowMaker ICON in InTouch Application Manager.

When you open the Modern InTouch Application you see the tool bar icon for **ArchestrA Graphics**, and in the Project View you can see ArchestrA Graphic Toolbox (Figure 8).

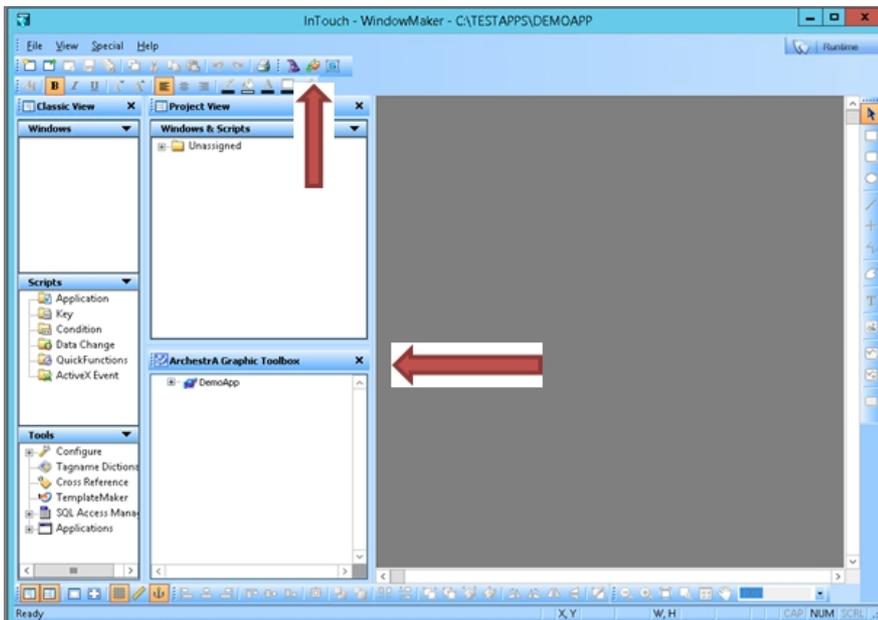


Figure 8: ArchestrA Graphics Tool and ArchestrA Graphic Toolbox

Adding ArchestrA Graphics to the Modern Application:

- Create a new window and add the ArchestrA Symbol.
- You can add ArchestrA Graphics into an InTouch Window. You can use the button to Embed ArchestrA Graphics, which are located in the tool set or accessed by right-clicking, then selecting **Embed ArchestrA Graphics**.

Figure 9 shows some of the Situational Awareness Library graphics.

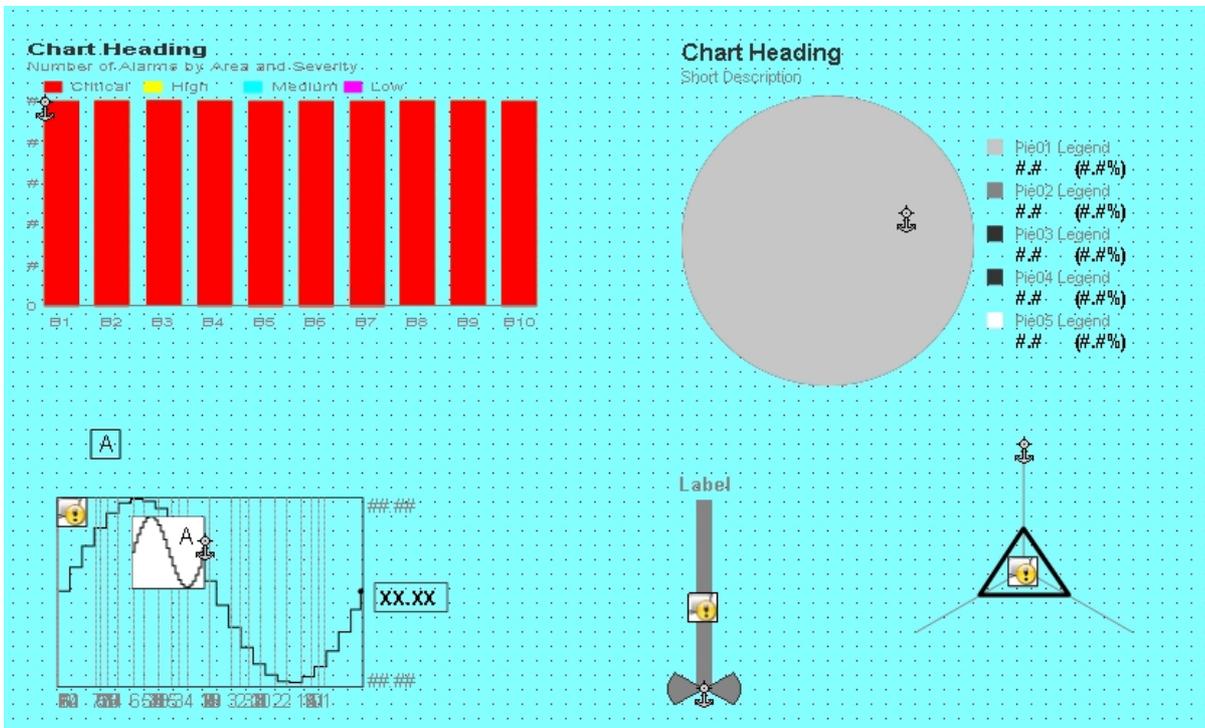


Figure 9: Situational Awareness Graphics in an InTouch Window

Converting a Stand-Alone InTouch Application to Modern InTouch Application

The following example uses a stand-alone application from InTouch 10.6 that is migrated to InTouch 11.1. This process converts the Stand-Alone InTouch Application to a Modern InTouch Application.

Steps 1-9 are pre-requisites for converting a Modern Application from a Stand-Alone InTouch Application.

1. Open the Stand-Alone InTouch application in WindowMaker. You will see the following message:

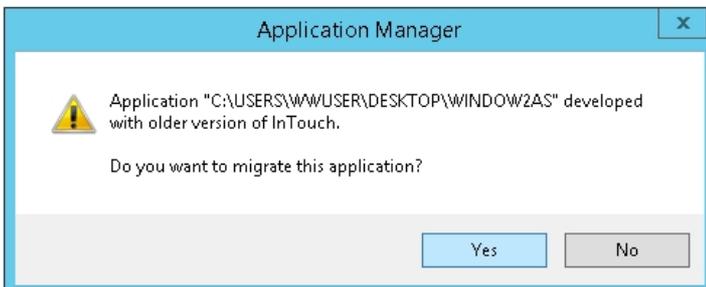


Figure 10: Application Migration Message

2. Click **Yes**. The **...enable ArchestrA Graphics...** message appears:

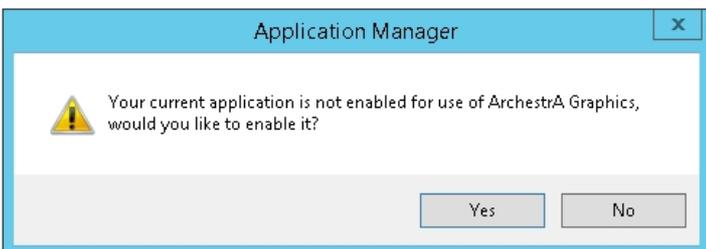


Figure 11: Enable ArchestrA Graphics

3. Click **Yes**. The **...backup this application...** message appears:

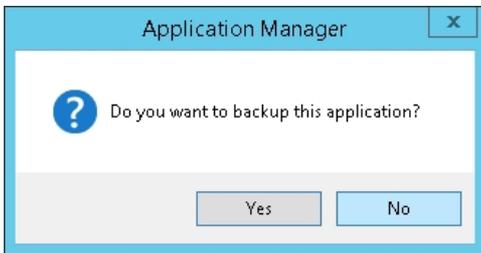


Figure 12: Backup This Application

4. Click **Yes** or **No**. For this example we click **No**. The Create New Application dialog appears. In the background it is including all the ArchestrA Symbols in the application.

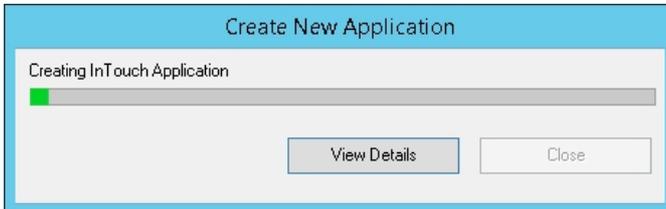


Figure 13: Create New Application

5. Click **View Details** to review specific process details.

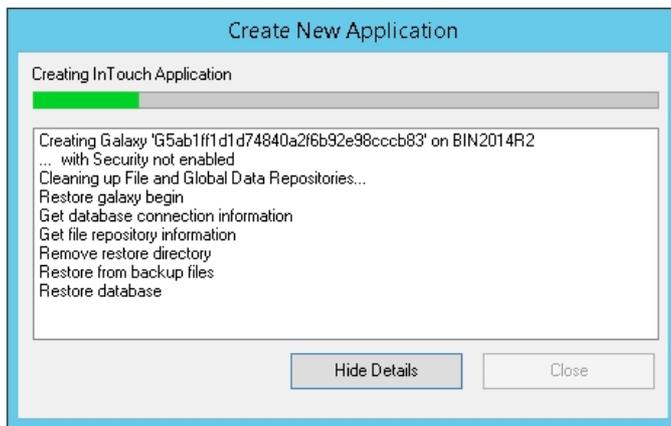


Figure 14: View Details

6. After the application is created, click **Close**.

The Stand-Alone InTouch Application has been converted to a Modern InTouch Application.

SUPPORTING INFORMATION

Definition of the different types of InTouch Application:

Modern InTouch Application:

Modern InTouch applications give you the capability to easily integrate ArchestrA symbols directly into your applications. You simply drag ArchestrA or Situational Awareness Library symbols from WindowMaker's ArchestrA Graphic Toolbox into Modern application windows. All configuration steps to use ArchestrA Graphics are completed from InTouch WindowMaker.

Managed InTouchView Application:

A managed InTouch application uses the ArchestrA Integrated Development Environment (IDE) if it is installed on the same computer as the InTouch HMI.

Unlike stand-alone InTouch applications that are managed entirely by InTouch Application Manager, managed applications are more integrated into the ArchestrA environment and support advanced graphics.

Using the ArchestrA IDE to manage your InTouch applications, you can:

- View which applications are running on individual Galaxy nodes.

- Use a central repository to manage applications.
- Deploy application changes to WindowViewer nodes running InTouch applications.

Stand Alone InTouch Application

Stand-alone applications can be created and managed with InTouch Application Manager.

You develop stand-alone applications with WindowMaker and run them from WindowViewer. You can switch directly between WindowMaker and WindowViewer to test or run your applications and switch back to make modifications to your applications.

ATTACHMENTS

[http://okmgcs.km.invensys.com/resources/sites/KPKA/content/live/TN/0/TN723/en_US/~secure/{ "SECUREDRESOURCE": "Y" }](http://okmgcs.km.invensys.com/resources/sites/KPKA/content/live/TN/0/TN723/en_US/~secure/{)