



## Considerations when upgrading from InTouch 7.X to InTouch 8.0/9.X/10.X

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### **Purpose:**

This article presents some notes of consideration when migrating from a Wonderware FactorySuite 2000 InTouch 7.X application to an FS ArchestrA InTouch 8.0/9.X/10.X application.

### **Software Installation:**

1. If InTouch 7.X was previously installed on the PC for the upgrade, it should be manually removed using Wonderware Tech Note 179 (not just by add/remove programs alone). The Tech Note is available on the Wonderware Tech Support Site at <http://www.wonderware.com/support/mmi/comprehensive/kbcd/html/T000876.htm>
2. For I/O communication, it is recommended to use the Wonderware Data Acquisition Servers (DAServers) with InTouch 8.0/9.X/10.X whenever possible. They are the Next-Generation of IO Servers and are capable of being SuiteLink, DDE, and OPC Servers. They provide central management and diagnostics as part of the System Management Console under DAServer Manager. If there is not a DAServer available for your IO device and you must use a FactorySuite 2000 IO Server, make sure that the FS2000 software including the FS2000 Common Components is installed prior to any FSA2 software. If InTouch 8.0/9.X/10.X is already installed on the PC, uninstall InTouch via the InTouch 8.0/9.X/10.X CD and proceed with installing the FS2000 common components and then InTouch 8.0/9.X/10.X. Wonderware has produced a Tech Note, 313, that details the Common Component Installation Requirement. The Tech Note is available on the Wonderware Tech Support Site at <http://www.wonderware.com/support/mmi/comprehensive/kbcd/html/t001125.htm>
3. There are a series of add-in script functions that are available for InTouch that can be leveraged in your InTouch application. If your application uses any of these functions, you will need to include them in the new upgraded installation.
4. The InTouch Alarms can now be stored in a SQL Server database. Wonderware Tech Note 484 details the installation procedure for SQL Server. The Tech Note is available on the Wonderware Tech Support Site  
<https://wdnresource.wonderware.com/support/kbcd/html/1/t002206.htm>
5. If you are using Windows XP Pro SP2 or Windows 2003 SP1, the Wonderware OS Configuration Utility must be run. This utility adds the required exceptions to the Windows Firewall. The utility is automatically run after the InTouch 9.X/10.X installation but the utility is also available for download on the Wonderware Tech Support Site at  
<http://www.wonderware.com/support/mmi/registered/patchfixes/OSConfigurationUtility.zip>

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### **Diagnostic Tools:**

6. The WWLogger has been replaced by the LogViewer located in the System Management Console. From the Windows Task bar, go to Start\All Programs\Wonderware\System Management Console (SMC). In the SMC, expand LogViewer\Default\Local. Click on Local again and you should see the LogViewer text messages appear on the right, similar to the WWLogger.

7. The WWCLIENT utility is not automatically installed by default with the FactorySuite A2 software components. It can be installed from the Device Integration DVD or is available for download on the Wonderware Tech Support Site at

<http://www.wonderware.com/support/mmi/comprehensive/kbcd/html/t002022.htm>

### **Application Migration:**

8. If the InTouch v7.X application used scripting to lock out the operators from using the ESC, ALT or Windows keys then you must remove all KEYTRAP scripting from the original InTouch 7.X application prior to going to WindowViewer in the InTouch 8.0/9.X/10.X version. If the same PC is being used for InTouch 8.0/9.X/10.X, make sure the keyboard driver is removed from the System32 folder. The KEYTRAP function has been replaced, in InTouch 8.0/9.X/10.X, by the EnableDisableKeys() script function for handling the enable and disable of the ALT, ESC and Window Keys.

9. DocViewer, SQL Grid, and Event Chart wizards are no longer supported in InTouch 10.X. Their functionality has been replaced by newer ActiveX controls. If these wizards are contained in the original application you must open the application in v7.X and remove them from their associated Window(s).

### **New Features Migration:**

10. The alarming features in InTouch 8.0/9.X/v10.X are the basically the SAME as InTouch 7.11. More information on the alarming features is in the InTouch Alarm Deployment Guide. However, you cannot use an IT 7.11 WWAlmDB database with InTouch 8.0/9.X/10.X. You must either create a new WWAlmDB with the Alarm DB Manager from InTouch 8.0/9.X/10.X or you could try backing up the IT 7.11 DB and then using the Alarm DB Restore utility (Start\Programs\Wonderware\InTouch\Alarm DB Restore).

11. InTouch 8.0/9.X/10.X can do normal InTouch security, OS Security (connecting the users in the NT Users/Groups to the InTouch Application) or ArchestrA Security (security at the Application Server level). Review Wonderware Tech Note 295 about Security in InTouch 8.0 available <https://wdnresource.wonderware.com/support/kbcd/html/1/t001100.htm>