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Topic#: 002354 Created: April 2009

Introduction

This Tech Note outlines the process to manually create Operations & Performance (Factelligence) entries in the Wonderware Information Server (WIS) System Panel if they were not automatically created as they should have been by the installer.

Note: The preferred method of repairing the missing WIS entries is an uninstall/reinstall of Operations & Performance WIS Contents. This Tech Note is meant to be a workaround if the installer will not correct the problem.

Application Version

- Operations & Performance 3.5
- Wonderware Information Server (WIS) 3.0 and later

ArchestrA Reports Repair

After installing the Operations & Performance Wonderware Information Server Contents > Table Weaver Reports and Reporting Services Reports (Figure 1 below), they should appear in the WIS **System** Panel (Figure 2 below).

🙀 Wonderware Factelligence Setup			
Select Features Please select which features you would like I	to install.		
Factory Connector Factelligence Service Factelligence Web Access Manager	Feature Description: Install the Information Server Components		
Wonderware Information Server Cont Manager Menu Items Table Weaver Reports Reporting Services Reports PDF Documentation Company Application	This feature will remain on your local hard drive. This feature requires OKB on your hard drive. It has 0 of 3 subfeatures selected. The subfeatures require OKB on your hard drive.		
Destination Folder	Installation Guide		
C:\Program Files\Wonderware\	Br <u>a</u> wse		
Disk Cost	< <u>B</u> ack <u>N</u> ext > Cancel		

FIGURE 1: OPERATIONS & PERFORMANCE WONDERWARE INFORMATION SERVER CONTENTS INSTALL OPTIONS

Launch Pad ×
System
Table Weaver
± Alarms
Factelligence
Lists
List Downtime Reason C
List Lots
🗄 Searches
± General
± InBatch
1nSQL
± MEM
E Reports
± Alarms
Factelligence
Downtime Analysis
Genealogy by Work Order
OEE Analysis
OEE by Shift Trend
 OEE Details
Production by Entity
Production Event Summar
🖽 Historian

If they do not appear here, you can manually deploy the reports to force them to appear.

- 1. Click Start/Programs/Wonderware/Information Server/Deploy ArchestrA Reports.
- 2. Click aaReports Database > Deploy Reports on the left panel.
- 3. Click Existing Shared Data Source option.
- 4. For Existing SDS Type, click aaFactelligence.
- 5. Browse for the configuration file C:\Program Files\Wonderware\Factelligence\Reporting Services\RptServicesConfig.xml
- 6. Click the **Deploy** button (Figure 3 below).

📸 ArchestrA Reports Dat	abase Configuration		_ 🗆 >
aaReports Database Deploy Reports	Deploy Reports - R	etrieve or configure shared data source	
	 Existing Shared Date 	ta Source	
	C Create New Shared	Data Source Type and Default Data Source	
	Existing SDS Type	aaFactelligence	
	New SDS Type		
	Default Data Source		
	Data Source Name	Factelligence	
	Server Name	localhost	
	Database Name	Factelligence	
	Windows Authentie	ation	
	C SQL Server Auther Login Name	ntication	
	Password		
	Page Transform	_	
	Configuration File		
	erware\Factelligence\R	eporting Services\RptServicesConfig.xml Browse	
		Deplo	y I

FIGURE 3: DEPLOY ARCHESTRA REPORTS UTILITY

7. Close and re-open WIS. You should see the reports displayed in the WIS System Panel.

Manager Repair

After installing the Operations & Performance Wonderware Information Server Contents > Manager Menu Items (Figure 4 below), Manager should appear in the WIS System Panel (Figure 5 below).

🙀 Wonderware Factelligence Setup	
Select Features Please select which features you would like	e to install.
Factory Connector Factelligence Service Factelligence Web Access Manager	Feature Description: Install the Information Server Components
Wonderware Information Server Cont Manager Menu Items Table Weaver Reports PDF Documentation PDF Documentation	This feature will remain on your local hard drive. This feature requires OKB on your hard drive. It has 0 of 3 subfeatures selected. The subfeatures require OKB on your hard drive.
Destination Folder	Installation Guide
C:\Program Files\Wonderware\	Browse
Disk Cost	< Back Next > Cancel

FIGURE 4: OPERATIONS & PERFORMANCE WONDERWARE INFORMATION SERVER CONTENTS INSTALL OPTIONS

Wonderware INFORMATION SERVER						
Customize						
Launch Pad	× Factelligence					
System Administration Fractory Alarms MultiViews Custom Links Table Weaver Reports ActiveFactory Factelligence Manager	From the links below, select the Links List:					

FIGURE 5: WONDERWARE INFORMATION SERVER SYSTEM PANEL WITH FACTELLIGENCE MANAGER

If Manager does not appear here (or if you have a need to edit the link's URL), changes can be made in the SQL tables than contain the panel content information.

· Launch SQL Management Studio and connect to the SQL Server that is hosting the database named SuiteVoyager.

The following tables in the SuiteVoyager database contain the information required to display the Manager link on the System Panel:

NavNode

- NavPanelNode
- NavRole

The **Nodel D** field is the key that must be the common link throughout all three tables to relate the records properly, as shown in Figures 6, 7, and 8 below. There are samples displayed below of what these tables need to contain in order to display the Manager link. (Other records in these tables have been removed from this display for clarity, but should not be modified in your actual database.)

Your node IDs may not match the sample exactly, but it should not matter as long as your references are consistent. Node **0** as the Parent always indicates the root of the menu.

	No	deld	NodeTitle	NodeDesc	NodeUrl	NodeHelpUrl	NodelconUrl	NodeSmall.conUrl1	NodeDynamic	NodeType	NodeParentId	NodeSmall.conUrl2	NodeCustomDisplay	NodeUserId
1	29		Factelligence						0	NODE	0			
2	30		Manager	Access Factelligence Manager Application	http://localhost/Factelligence/Manager/manager.htm				0	LEAF	29			

FIGURE 6: NAVNODE TABLE SAMPLE

	Rowld	Panelld	Nodeld	NodeParentId		NodeOwner
1	29	1	29	0		1
2	30	1	30	29		1

FIGURE 7: NAVPANELNODE TABLE SAMPLE

	ld	Nodeld	Roleld	RoleName
1	100016	29	Everyone	
2	100017	30	Everyone	

FIGURE 8: NAVROLE TABLE SAMPLE

Once these tables have complete and correct records, closing and re-launching WIS should result in the Manager link displaying in the WIS System Panel.

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Tech Notes are published occasionally by Wonderware Technical Support. Publisher: Invensys Systems, Inc., 26561 Rancho Parkway South, Lake Forest, CA 92630. There is also technical information on our software products at Wonderware Technical Support.

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