# Tech Note 1014 Showing DI Object Configuration in the SMC

All Tech Notes, Tech Alerts and KBCD documents and software are provided "as is" without warranty of any kind. See the Terms of Use for more information.

Topic#: 002847 Created: February 2014

#### Introduction

When you import and deploy a DI Object to a PC, the specific faceplates of the DAServer will not install on that PC. This means that the DI Object Configuration information for that DAServer is not visible in the SMC.



FIGURE 1: FACEPLATES ARE NOT INSTALLED ON THE TARGET PC

To see the configuration of the DI Objects in SMC, you should install ONLY the **DAServer Manager** from the DAServer on the machine to which the Object is deployed. The DAServer Manager MUST be the same version as the DI Objects in use.

This *Tech Note* shows the procedure. SIDIRECT DIObjects v3.0 is used as an example.

**Note**: DAServer and DI Objects of the same type cannot coexist on the same machine. Please review **Tech Note 709: Recovering** from Same-Server Standalone DAServer and DI Objects Running on the Same Node.

### **Application Versions**

• All DAServers and DIObjects

#### Installing the DAServer Manager

If the DI Objects are deployed, make sure you shut down the AppEngine hosting them before proceeding with the following steps.

1. Run the SIDirect DAServer Setup.



FIGURE 2: DASERVER SETUP

2. Proceed with the setup until the Select Features step.

B Wonderware SIDirect DAServer Setup	X
Select Features Please select which features you would like	to install.
DAServer Manager ("SIDirect") SIDirect DAServer	Feature Description: This installs the DAServer Manager to diagnose DAServers. It also installs the faceplates to configure the SIDirect DAServ This feature will be installed on the local hard drive. This feature requires 1293KB on your hard drive.
Product Destination Folder         C:\Program Files (x86)\Wonderware\DAServer\DASSIDirect\	
Disk Cost Reset	< <u>B</u> ack <u>N</u> ext > Cancel

FIGURE 3: SELECT DASERVER FEATURES

3. Make sure you *deselect* SIDirect DAServer.

Showing DI Object Configuration in the SMC

B Wonderware SIDirect DAServer Setup	×
Select Features Please select which features you would like to install.	Wonderwore
→       DAServer Manager ("SIDirect")         →       SIDirect DAServer         →       SIDirect DAServer         →       Will be installed on local hard drive         →       Entire feature will be installed on local hard drive	DAServer ation between the lware devices. installed.
Entire feature will be unavailable      It has 0 of 1 subfeatures     subfeatures require 0KB      Installatio	on your hard drive. selected. The on your hard drive. n guide
Product Destination Folder C: \Program Files (x86) \Wonderware \DAServer \DASSIDirect \	Browse
Disk Cost Reset < Back Next	> Cancel

FIGURE 4: DESELECT SIDIRECT DASERVER FEATURE

Showing DI Object Configuration in the SMC

B Wonderware SIDirect DAServer Setup	
Select Features Please select which features you would like	to install.
DAServer Manager ("SIDirect")	Feature Description: This installs the SIDirect DAServer components for communication between the client application and hardware devices. This feature will remain uninstalled. This feature requires 0KB on your hard drive. It has 0 of 1 subfeatures selected. The subfeatures require 0KB on your hard drive.
Installation guide         Product Destination Folder         C:\Program Files (x86)\Wonderware\DAServer\DASSIDirect\         Browse	
Disk Cost Reset	< <u>B</u> ack Next > Cancel

FIGURE 5: DESELECTED FEATURES

- 4. Proceed with the remaining steps of the installation.
- 5. Now you can start the AppEngine hosting the DI Objects.
- 6. When you go to SMC, you should see the configuration of the DI Objects.

hestrA System Management Console (WIN7EC	Node Type: S7Cp Delimiter: .
And Andrews Manager	
DASana Manager	S7C S7 001 Parameters Device Groups Device Items
Default Group	Processor Type: S7 PLC
	S7 Connection
ArchestrA.FSGateway.3	Remote TSAP
ArchestrA.DASSIDirect.3	Newsel Address 10 to 100 tot
	Network Address: 10.49.139.121
	Local TSAP Remote Slot No: 3
▷ S/C_S/_001	
Diagnostics	Connection Resource: 3
	Di C Connecti du
Log Viewer	Verify PLC connectivity when no item is subscribed.
SIDIRECTV30[DefaultUser]	Frequency in seconds to verify the PLC connectivity 60 seconds
WinPlatform_001	Reply Timeout: 15000 ms
	ConnectionTimeout: 30000 ms
	Alarms & Events
	<ul> <li>Disable all</li> </ul>
	C Enable alarms
	C Enable events
	Use PLC Alarm Time
	Time difference between the PLC time and
	<u> </u>

FIGURE 6: DASERVER FACEPLATE

**Note:** Since the faceplates above are read-only, you will still need to use the ArchestrA IDE if you need change configuration settings of the DI Objects.

U. Schoss & A. Ibrahim

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.

For technical support questions, send an e-mail to wwsupport@invensys.com.

## Back to top

© 2014 Invensys Systems, Inc. All rights reserved. No part of the material protected by this copyright may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, broadcasting, or by any information storage and retrieval system, without permission in writing from Invensys Systems, Inc. Terms of Use.