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# **SOAP Wizard**

### 🔑 Smar GenBroker v7.00.117.0

Enter the name of your GenBroker SOAP/XML server in the form of Microsoft Network Name, DNS Name, or IP Address. The GenBroker SOAP/XML configuration file will be customized to work with this server.

PC_NAME		
Name Convention	1	
MS Network		
C DNS		
C IP Address	Close	Ok



**SOAP Wizard**  $(\bigcirc$ LS L 







Specifications and information are subject to change without notice. Up-to-date address information is available on our website.

web: www.smar.com/contactus.asp

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## SETTING UP YOUR GENBROKER SERVER PC

You must do the following to use SOAP/XML communications on the GenBroker server PC: **1.** The server must have ProcessView Version 7.0 or higher installed.

- 2. The server must have Microsoft Internet Information Server (IIS) 5.0 or higher installed.
- 3. From Start->Programs-> Smar ProcessView >Tools, select the SOAP XML Wizard. This launches the SOAP/XML Wizard, shown in the figure below. This wizard will assist you in setting up your GenBroker SOAP/XML server. Enter the name of the PC that will be the SOAP server (should be the PC you are running the wizard on).

Enter the name of your GenBroker SOAP/XML server in the form of Microsoft Network Name, DNS Name, or IP Address. The GenBroker SOAP/XML configuration file will be customized to work with this server.						
MS Network Name						
PC_Name						
Name Convention						
MS Network						
C DNS						
C IP Address	Close <u>O</u> k					

#### SOAP/XML Wizard

- 4. Add "Network" to the default launch and access permissions in DCOM:
- Select Start > Run and type "DCOMCNFG" into the Run field. Press Enter.
- Go to the **Default Security** tab in the **DCOM Configuration Properties** window, as shown in the figure below.

Distributed COM Configuration Properties	? ×						
Applications Default Properties Default Security Default Protocols							
Default Access Permissions							
You may edit who is allowed to access applications that do not provide their own settings							
Edit Default	$\triangleright$						
Default Launch Permissions							
You may edit who is allowed to launch applications that do not provide their own settings.							
Edit Default	$\triangleright$						
Default Configuration Permissions							
You may edit the list of users that are allowed to modify OLE class configuration information. This includes installing new OLE servers and adjusting the configuration of existing OLE servers.							
Edit Default							
OK Cancel Ap	ply						

#### **DCOM Configuration Properties**

- Under **Default Access Permissions** click on the **Edit Default** button. This opens the Registry Value Permissions dialog box. In this dialog, you should make sure that **Network** is there. Otherwise click on **Add...** and select it from the list of local users and groups.
- Follow the same procedure as described above for the Default Launch Permissions.

Registry Value Permissions	×
Registry Value: DefaultAccessPermission <u>D</u> wner: chrism (Chris McKinley) <u>N</u> ame:	
MINTERACTIVE Allow Access	1
NETWORK Allow Access	
SYSTEM Allow Access	
Type of Access: Allow Access	[
OK Cancel Add <u>R</u> emove <u>H</u> elp	]

**Registry Value Permissions** 

- 5. Do not set GenBroker as a service or start it manually; SOAP will take care of starting it if a call is made.
- 6. Reboot the PC. Now other PCs will be able to use your PC as a GenBroker server over SOAP.

### **Optimization**

Disable the TCP/IP server in the **GenBroker Server** tab of the GenBroker Configurator, as shown in the figure below. The TCP/IP Initialization code slows down the GenBroker.exe module initialization, causing a delay the first time it is started.

Client	GenBroker Server	Client Options   O	PCEngine   Op	timization 🛛 C	Connection	
Gen	Broker Channels		<b></b>			
	Enable OPC over TCF	VIP communication	ns			
	C Bind to all interface	28		Prope	rties	
	Special settings			Prope	rties	
	Enable OPC over SO/	AP/XML communi	cations			
▼	Enable OPC over DCOM communications					
Gen	Broker Access					
<b>I</b> (	àenBroker Read Only	🗖 Re	quire ClientIDs	Client	IDs	
					Defeut	
					Derault	
		ОК С	ancel	Apply	Help	

Disabling TCP/IP Communications in the GenBroker Configurator