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Inventory Manager Server Module

Megan De Freitas - 2025-06-16 - Setup

Overview

The DataCollection Server module is used to create a web service for mobile devices running the DataCollection mobile app. The service allows the application to access information in the SQL database, and it is required for using the mobile app successfully. This service can be configured locally (within the application) or installed as a Windows service. For information on creating a web page using IIS, see our documentation found <u>here</u>.

Creating a Service Within the Application

After opening the module, to start the service from within the DataCollection application, click on the green

	JataCollection Server 🗙					
	Close 👂 Start 📃 Stop 🛛 Install As Service Uninstall Service					
	Server Settings					
	http://localhost:5501/SalesPad.DataCollection/Version1.0.0.1					
ton						

Start button.

After starting the service, the **Stop** button and the hyperlink in the Server Settings field will become active.

DataCollection Server ×			
📑 Close 📄 Start 📒 Sto	p Install As Service Uninstall Service		
Server Settings			
http://localhost:5501/SalesPad.DataCollection/Version1.0.0.1			

Click the hyperlink to verify that a service has been successfully created. A service page that can be reached from the mobile device will have a blue banner across the top of the web page.

MobileCommunicationService Service

You have created a service.

To test this service, you will need to create a client and use it to call the service. You can do this using the svcutil.exe tool from the command line with the following syntax:

svcutil.exe http://localhost:5501/SalesPad.DataCollection/Version1.0.0.1?wsdl

You can also access the service description as a single file:

http://localhost:5501/SalesPad.DataCollection/Version1.0.0.1?singleWsdl

A service started in this manner will only be active while the DataCollection Server tab is open. Closing this tab or closing the application will stop the service, as will clicking the **Stop** button.

Installing as a Windows Service

The DataCollection service can also be installed as a Windows service. To initiate this process, click on the

	DataCollection Server	×		
Install As Service button.	📑 Close ╞ Start 📃	Stop	Install As Service	Uninstall Service

In the Introduction Tab of the Install Service Wizard, click **Next** and enter the credentials that will be used to install the service.

Install Service	Wizard	23				
Introduction	Credentials Automation Installer Finish					
Please enter the user name and password of the user that will run this service.						
User ID:	DOMAIN\username					
Password	******					
Install As Local Service						
	Previous Next					

In the Automation tab, select the desired Service Startup Type and click $\ensuremath{\textbf{Next.}}$

Install Service Wizard	23			
Introduction Credentials Automation Installer Finish				
Service Startup Type				
O Automatic: Starts the service when the computer starts.				
O Automatic (Delayed Start): Starts the service after the computer starts.				
O Manual: User chooses when to start the service.				
Previous Next				

After clicking on the Next button in the Automation tab, the service will install and a confirmation box will

Install Service Wizard			23
Introduction Credentials	Automation Installer Finish		
	Install succeeded		
		Previous	Finish
appear.			

Click **Finish** to close the Install Service Wizard. After the service has been installed as a Windows service, it can be reconfigured or uninstalled using the **Reconfigure Service** or **Uninstall Service buttons**, respectively.

JataCollection Server 🗙				
📑 Close 📄 Start 📄 Stop	Reconfigure Service Uninstall Service			
Server Settings http://localhost:5501/SalesPad.DataCollection/Version1.0.0.1				

Certificates

Enable SS

To use an SSL certificate for the service, select an available certificate from the dropdown list.

Certificate				
	-			
CN=OU=Support, OU=Computers, OU=Company, DC=Salespad, DC=com				
After to use the certificate, the setting Enable SSL must be set to True.				
✓ Host Service				

True

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Also in settings, t	ne Chosen	Certificate must.	be set to the sal	ne certificate	selected from t	ne DataCollection	

Server tab.	
P Settings ×	
📑 Close 🛛 📙 Save	
cert	
✓ Host Service	
Chosen Certificate	Support, OU=Computers, OU=Company, DC=Salespad, DC=com 🗸
	CN=, OU=Support, OU=Computers, OU=Company, DC=Sale

Server Log

The Server Log displays changes made to the service. Each time the service is started or stopped, either by using the **Start/Stop** buttons, or by installing and uninstalling as a Windows service, an entry is logged in the grid.

Server Log					
Created On 🗸	Source	Description	Severity Level		
10/15/2018 11:52 AM	Service	Started	Informational		
10/15/2018 11:51 AM	Form	Stopped	Informational		
10/15/2018 11:50 AM	Form	Started	Informational		
10/15/2018 11:50 AM	Service	Stopped	Informational		

Security

DataCollection Server - Grants access to the DataCollection Server module.

Settings

Chosen Certificate - The chosen SSL certificate for secure connections. This settings has no default value.

Enable SSL - Turn on SSL and Certificates. Defaults to False.