



## Inventory Manager Server Module

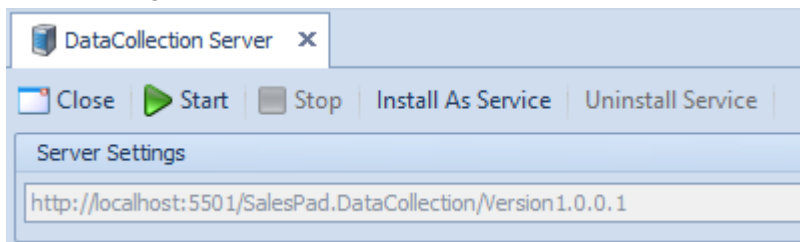
Megan De Freitas - 2024-12-03 - Setup

### Overview

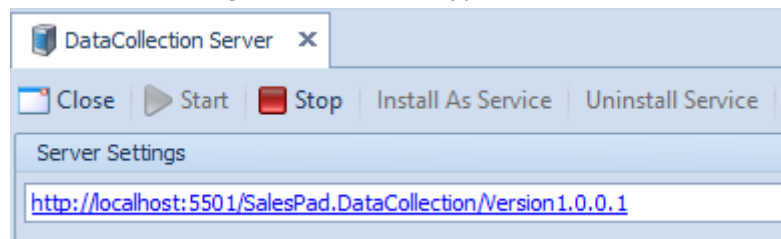
The DataCollection Server module is used to create a web service for mobile devices running the DataCollection mobile app. The service allows the application to access information in the SQL database, and it is required for using the mobile app successfully. This service can be configured locally (within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

### Creating a Service Within the Application

After opening the module, to start the service from within the DataCollection application, click on the green **Start** button.



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



become active.

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
```

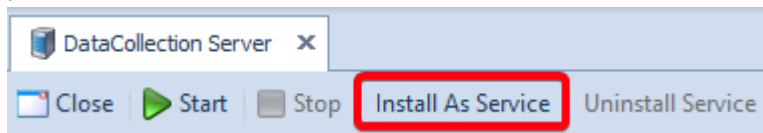
You can also access the service description as a single file:

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

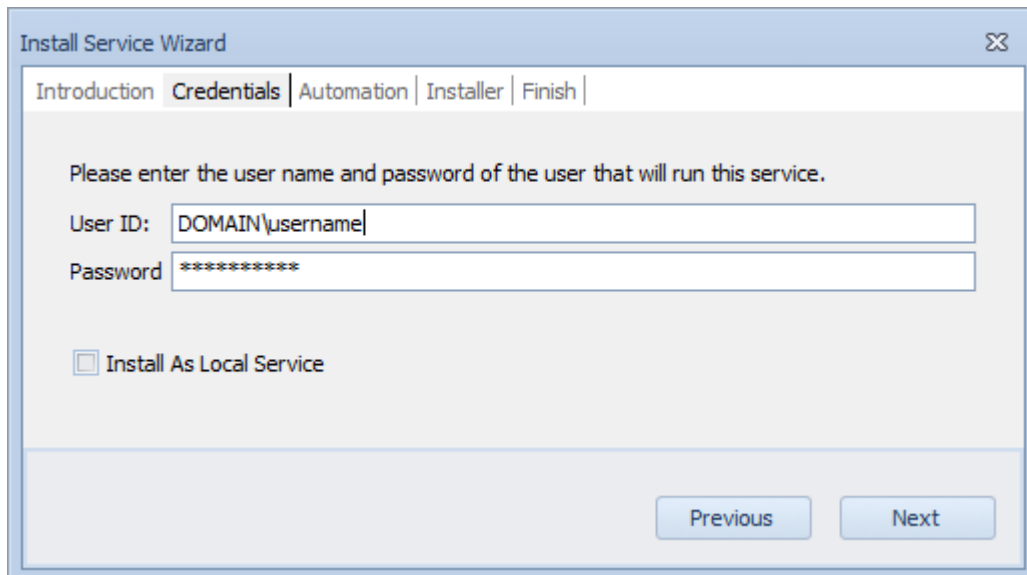
A service started in this manner will only be active while the DataCollection Server tab is open. Closing this tab or closing the application will stop the service, as will clicking the **Stop** button.

### Installing as a Windows Service

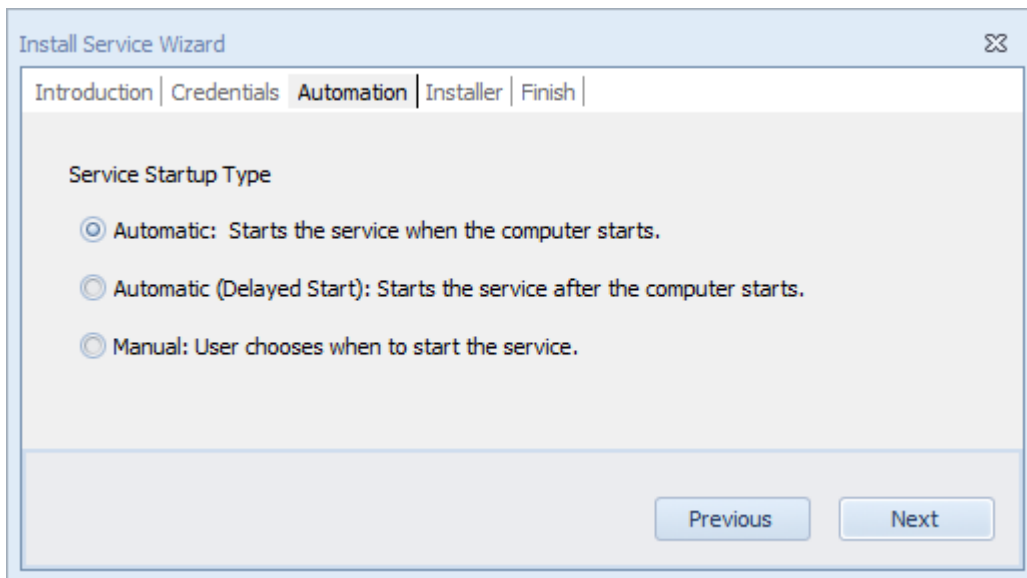
The DataCollection service can also be installed as a Windows service. To initiate this process, click on the **Install As Service** button.



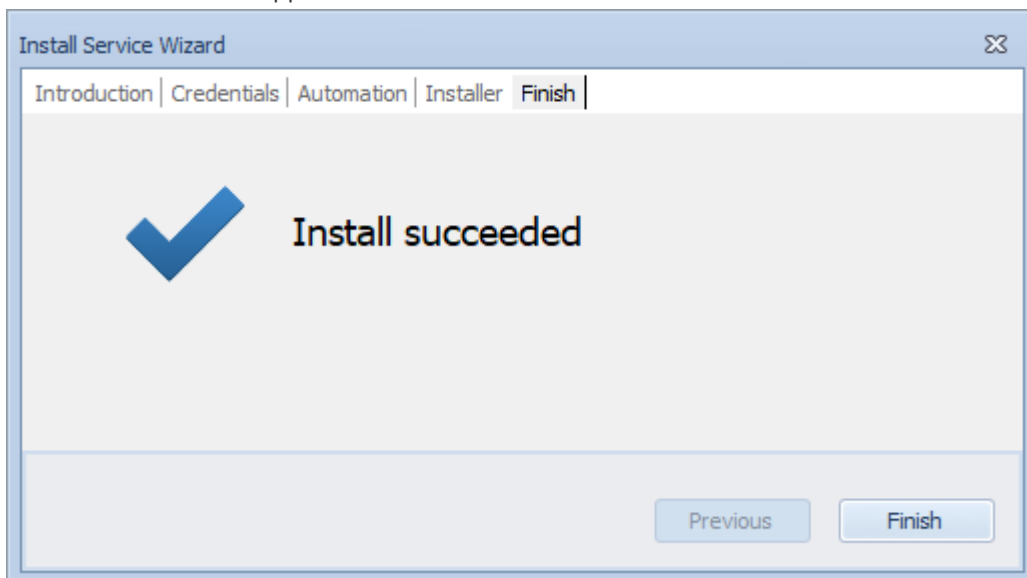
In the Introduction Tab of the Install Service Wizard, click **Next** and enter the credentials that will be used to install the service.

A screenshot of the 'Install Service Wizard' dialog box. The dialog has a title bar with 'Install Service Wizard' and a close button. Below the title bar, there are five tabs: 'Introduction', 'Credentials', 'Automation', 'Installer', and 'Finish'. The 'Credentials' tab is selected. The main area contains the text 'Please enter the user name and password of the user that will run this service.' followed by two input fields: 'User ID:' with the text 'DOMAIN\username' and 'Password:' with '\*\*\*\*\*'. Below these fields is a checkbox labeled 'Install As Local Service'. At the bottom right, there are two buttons: 'Previous' and 'Next'.

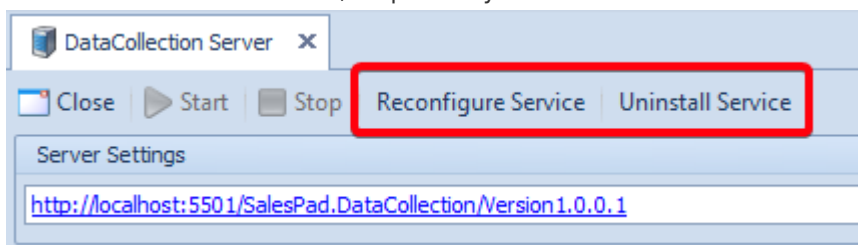
In the Automation tab, select the desired Service Startup Type and click **Next**.



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

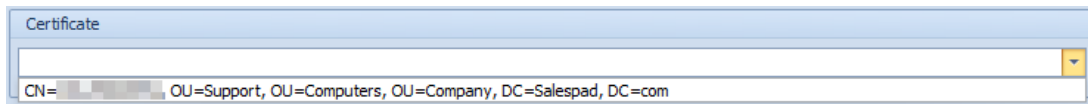


Click **Finish** to close the Install Service Wizard. After the service has been installed as a Windows service, it can be reconfigured or uninstalled using the **Reconfigure Service** or **Uninstall Service buttons**, respectively.

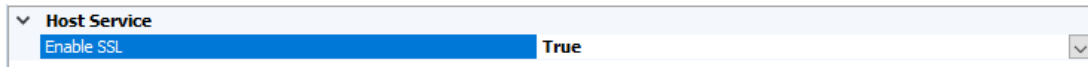


### Certificates

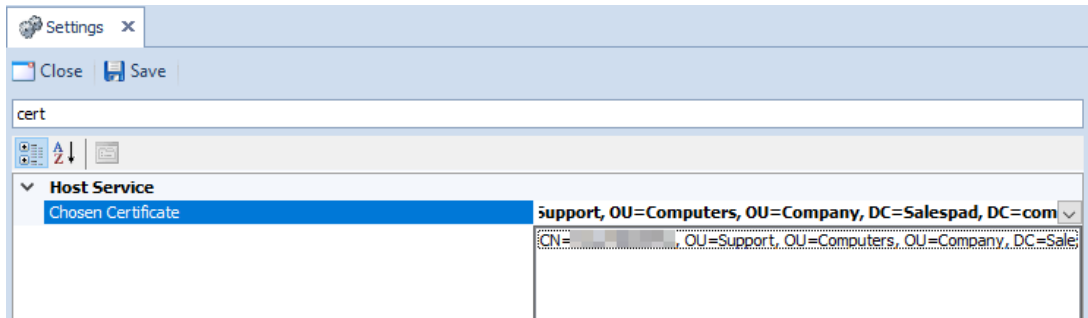
To use an SSL certificate for the service, select an available certificate from the dropdown list.



After to use the certificate, the setting Enable SSL must be set to **True**.



Also in settings, the Chosen Certificate must be set to the same certificate selected from the DataCollection Server tab.



### 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.

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.