



Deltek

Deltek Costpoint Cloud

Hybrid Data Pipeline (HDP) and ODBC
Setup and Configuration Guide

April 9, 2021

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ODBC Overview

Read only ODBC access to your Costpoint Cloud database is provided by the Hybrid Data Pipeline ODBC client driver. Setting up the driver is a simple three-step process:

- **Step One:** Submit the Service Request for ODBC Read Only Access
- **Step Two:** Install the ODBC Client
- **Step Three:** Configure the ODBC Client

Step One: Submit the ODBC Read Only Access Service Request

To submit the service request:

1. Your company's SaaS Customer Administrator should log into the [Deltek Support Center](#) and navigate to the [Deltek Cloud Solutions](#) page.
2. In the **Service Request** section, select the **ODBC Read Only Access** radio button.
3. Click the link in the Service Request to download the spreadsheet that should be used to log all changes to ODBC access.

The spreadsheet can also be downloaded from [KB Article # 88588](#).

4. Under **User Access Form**, select **Choose File** and upload the completed spreadsheet from step 3 above.
5. Click **Submit**.

Upon submission, a dialog box displays containing the **Case No.** for the request and a link to [Manage Cases](#), where the case can be viewed or updated.

6. Upon the completion, Deltek will notify the new account holder via email with the credentials and configuration settings needed to connect to the ODBC service.

Additionally, the SaaS Administrator will receive a confirmation email when the request is completed.

Step Two: Install the Windows ODBC Client Driver

Download the Hybrid Data Pipeline Windows ODBC Client Driver

To download the driver, navigate to <https://dsm.deltek.com/DFVE/odbc/HDPDriver.zip>.

For US Only customers, navigate to <https://dsm.deltek.com/DFVE/odbc/USOHDPDriver.zip>

The downloaded zip includes the following files:

- config.properties
- ddcloud.pem
- ddcloudTrustStore.jks
- OnPremise.properties
- PROGRESS_DATADIRECT_HDP_ODBC_WIN_32.exe
- PROGRESS_DATADIRECT_HDP_ODBC_WIN_64.exe

Install the Hybrid Data Pipeline ODBC Client

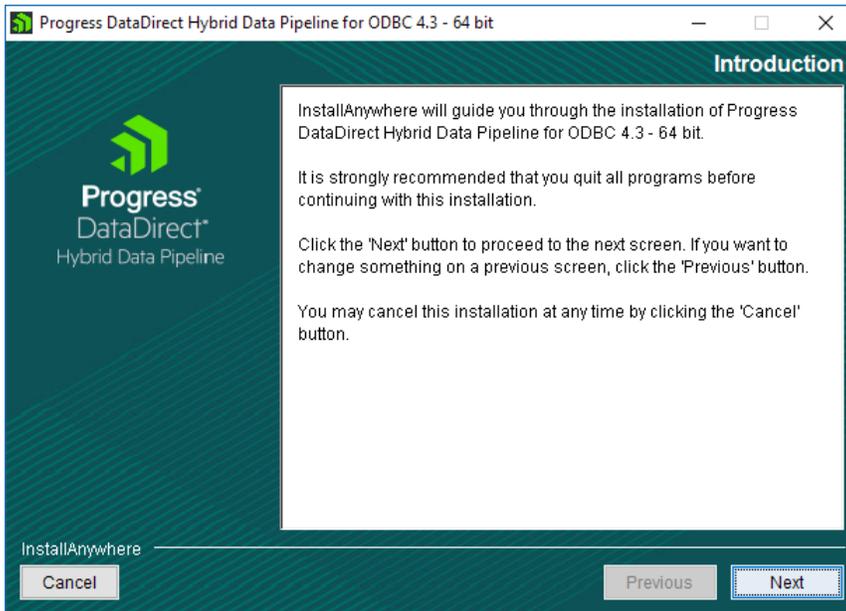
To install the client:

1. Double click **PROGRESS_DATADIRECT_HDP_ODBC_WIN_XX.exe** to begin the installation.

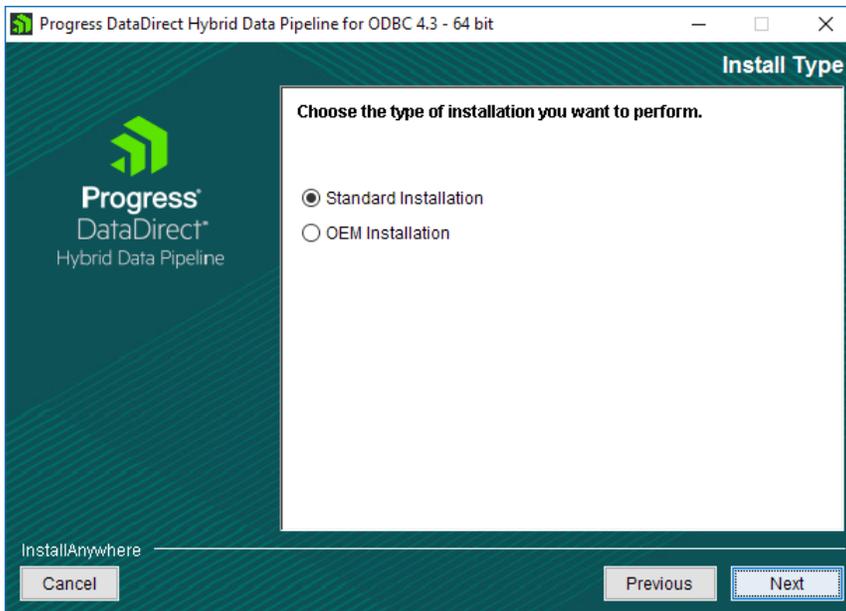
Note: Be sure to install the correct architecture of the driver for your specific application, either 32-bit or 64-bit.

2. When the Introduction page of the installation wizard displays, click **Next**.

Step Two: Install the Windows ODBC Client Driver



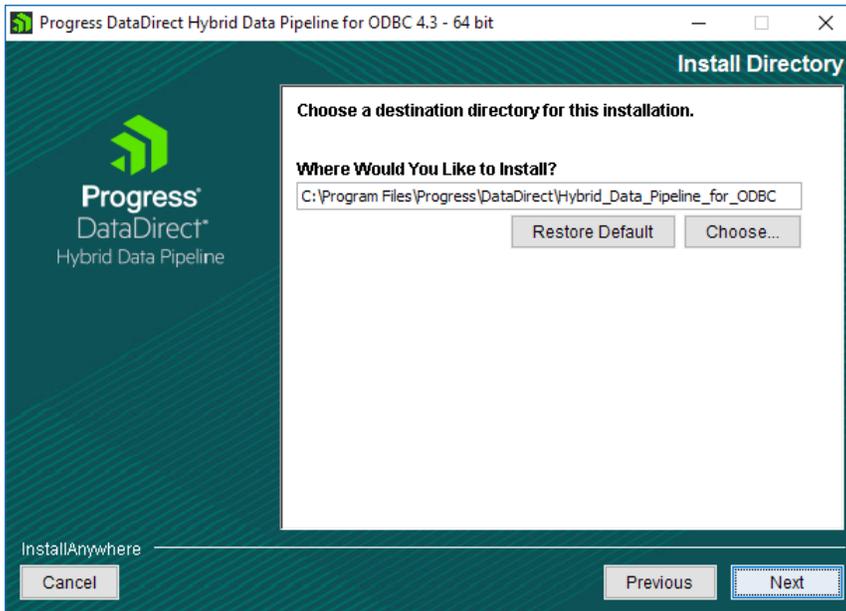
3. On the Install Type page, accept the default selection of **Standard Installation**, and click **Next**.



4. On the Install Directory page, accept the default installation path or select your own, and click **Next**.

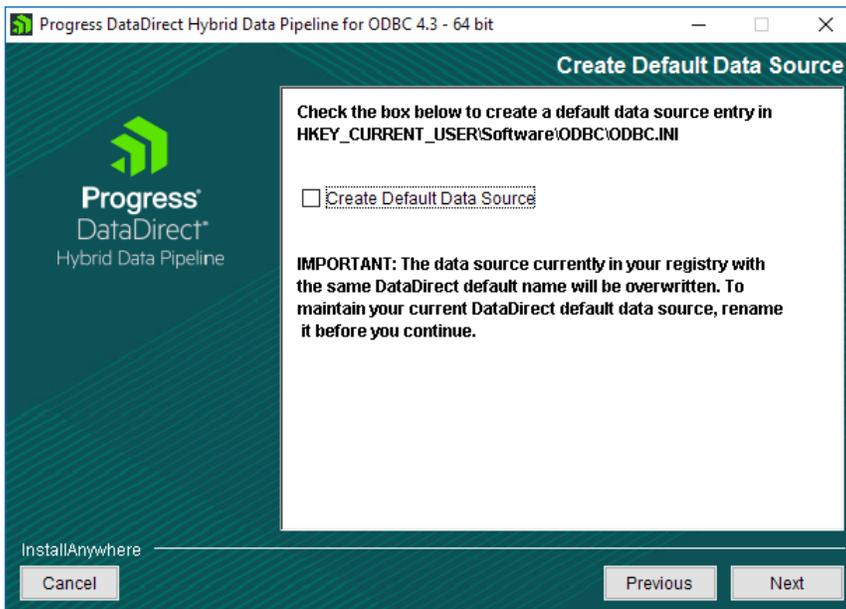
Note: Deltek recommends accepting the default installation location.

Step Two: Install the Windows ODBC Client Driver



5. On the Create Default Data Source page, ensure the **Created Default Data Source** check box is not selected, and click **Next**.

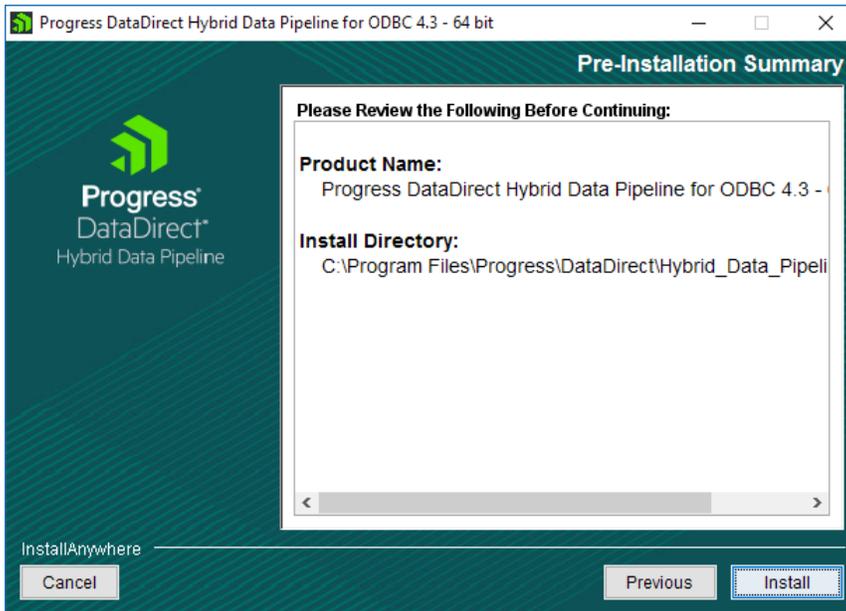
The default option is **NOT** to create a default data source.



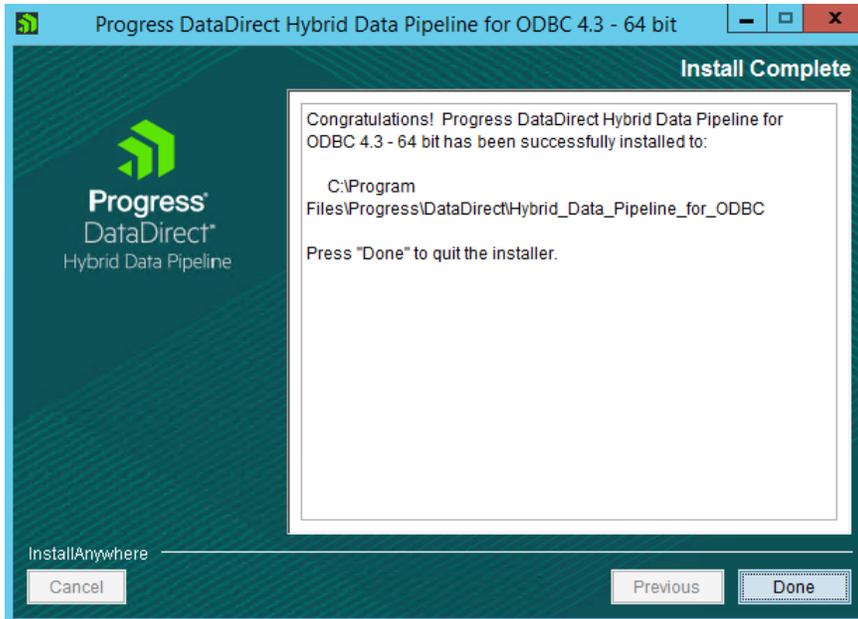
6. On the Pre-Installation Summary page, confirm all information is correct, and click **Install**.

Note: If any of the information is incorrect, click **Previous** to fix.

Step Two: Install the Windows ODBC Client Driver



7. After the installation is complete, click **Done**.



Step Two: Install the Linux ODBC Client Driver

Download the Hybrid Data Pipeline Linux ODBC Client Driver

To download the driver, navigate to <https://dsm.deltak.com/DFVE/ODBC/HDPLinuxDriver.zip>.

The downloaded zip includes the following files:

- config.properties
- ddcloud.pem
- ddcloudTrustStore.jks
- OnPremise.properties
- PROGRESS_DATADIRECT_HDP_ODBC_<VERSION>_LINUX_32.bin
- PROGRESS_DATADIRECT_HDP_ODBC_<VERSION>_LINUX_64.bin

Install the Hybrid Data Pipeline Linux ODBC client:

1. Execute the installer corresponding to the correct architecture
`./PROGRESS_DATADIRECT_HDP_ODBC_4.3_LINUX_64.bin`
2. When the Introduction page of the installation wizard displays, click **Next**.
3. On the Install Type page, accept the default selection of **Standard Installation**, and click **Next**.
4. On the Install Directory page, accept the default installation path or select your own, and click **Next**.

Note: Deltak recommends accepting the default installation location.

5. On the Pre-Installation Summary page, confirm all information is correct, and click **Install**.

Note: If any of the information is incorrect, click **Previous** to fix.

6. After the installation is complete, click **Done**.

Step Three: Configure ODBC Client

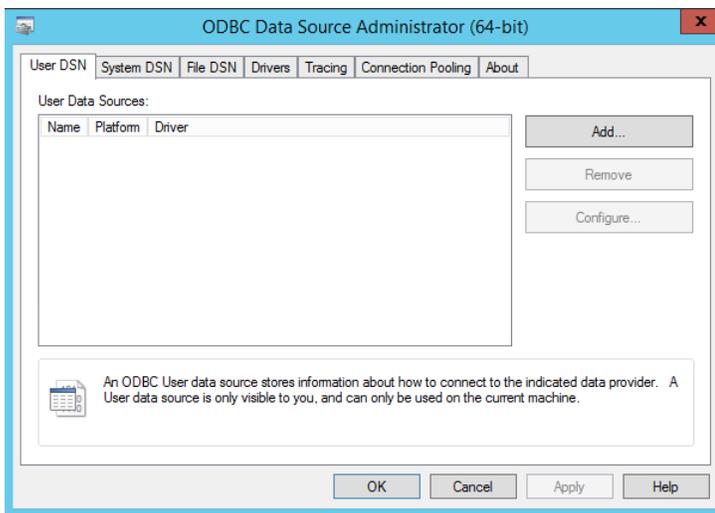
Configure the ODBC Client

To configure the ODBC client:

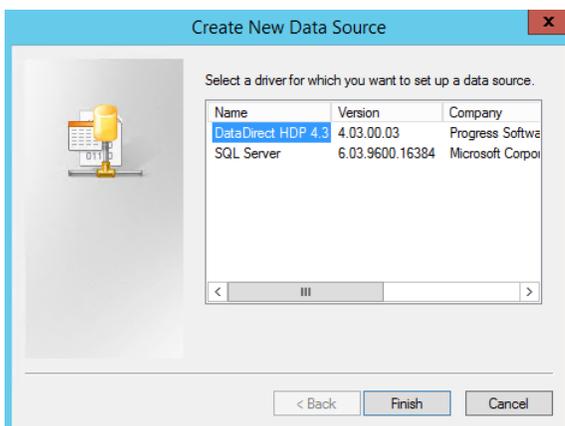
1. Open the ODBC Data Sources Administrator (XX-bit) application in Windows, and click **Add** on the appropriate DSN tab.

Be sure to open the correct architecture version of ODBC Data Source Administration (XX-bit) based on the architecture version of the driver that was installed; either 32-bit or 64-bit

2. Select the appropriate DSN tab:
 - **User DSN:** Access to this DSN will only be available to the current logged on user (for example, logged onto Windows and using Excel).
 - **System DSN:** Access to this DSN will be available to any user that is allowed to authenticate to the Windows machine (for example, the service account used to run a data warehouse application).

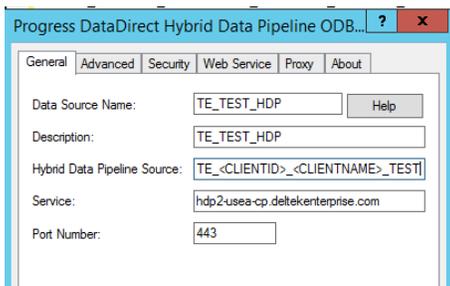


3. When the Create New Data Source dialog box displays, select **DataDirect HDP X.X** from the list of available drivers, and click **Finish**.

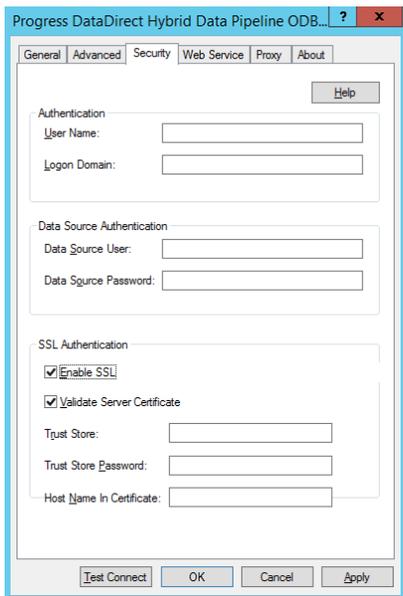


Step Three: Configure ODBC Client

4. On the General tab of the Progress DataDirect Hybrid Data Pipeline ODBC dialog box, provide the following information.
 - **Data Source Name:** This information will be provided to you in your service request ticket.
 - **Description:** This information will be provided to you in your service request ticket.
 - **Hybrid Data Pipeline Source:** This information will be provided to you in your service request ticket.
 - **Service:** Enter **hdp-usea-cp.deltekenterprise.com**.
For US-only Customers, use **hdp2-usea-cp.deltekenterprise.com**.
 - **Port Number:** Enter **443**.



5. Click the Security tab, and select the **Enable SSL** check box in the **SSL Authentication** section.



IMPORTANT Note: You will need to follow the above procedure for each database to which you connecting. When submitting the ODBC Read Only Access service request, you are able to specify to which databases you require ODBC access.

For example:

- CPTRAN_<CLIENTID>_<CLIENTNAME>_DEV
- TE_<CLIENTID>_<CLIENTNAME>_DEV)

Step Three: Configure ODBC Client

6. Test the connection by clicking **Test Connect**, entering the username and password provided to you in your service request ticket, and clicking **OK**.

The screenshot shows a dialog box titled "Logon to Hybrid Data Pipeline" with a close button (X) in the top right corner. Inside the dialog, there are two input fields: "User Name:" and "Password:". To the right of the "User Name" field is an "OK" button. To the right of the "Password" field are "Cancel" and "Help" buttons. Below the "User Name" field is a checkbox labeled "More Options".

The screenshot shows a dialog box titled "Test Connect" with a close button (X) in the top right corner. The main area of the dialog contains the text "Connection established!". At the bottom center of the dialog is an "OK" button.

You can now use the configured ODBC driver to connect to the databases.

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