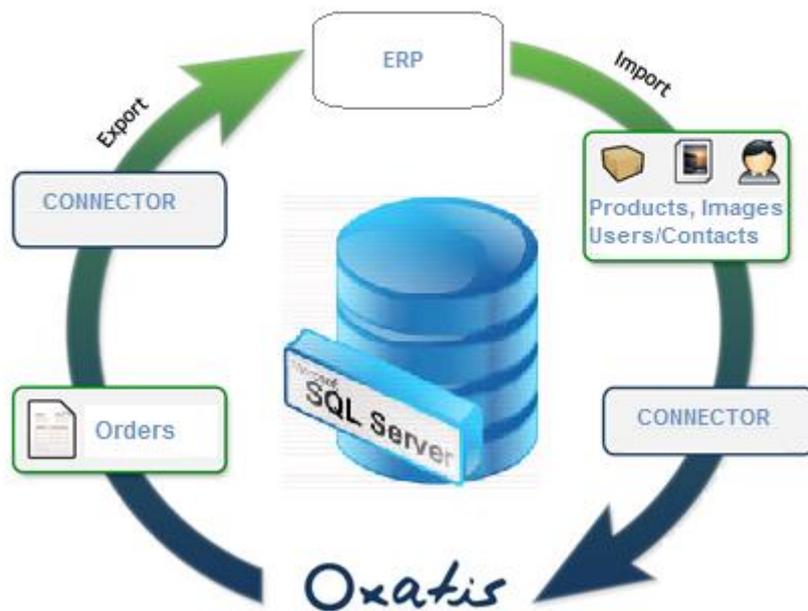


Oxatis DataPlug

for Windows Vista®, Windows® 7, Windows® 8 and Windows® 10

User Guide for migrating your data from the DataPlug to a Local DataBase



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1. Introduction

In order to address the need to manage increasingly large catalogues through the DataPlug, a new version of the data management system is now available. It is particularly pertinent for retailers using connectors with Commercial Management systems and/or involved in B2B exchanges.

This optional DataPlug update will allow you to replace the current system based on MS-SQL CE (Microsoft SQL Server Compact Edition 3.5) by MS-SQLServer LocalDB (Microsoft SQL Server 2012 Express Local DB Edition).

This data management system performs better and overcomes the MS-SQL CE limitations for large volumes of data.

However, it is only compatible with Windows Vista and later versions. Windows XP users will continue to use the MS-SQL CE system.

Installing the new data management system and migrating data in the DataPlug will be carried out by an automatic migration tool called the "LocalDB Migration Tool" throughout this guide.

2. Prerequisites

The data management system update is only relevant for computers using a working DataPlug (from version 5.0), running on the latest versions of Windows, after XP, i.e. Vista, Windows 7, Windows 8, 8.1, etc.

3. Saving, Installation & Migration and Checks

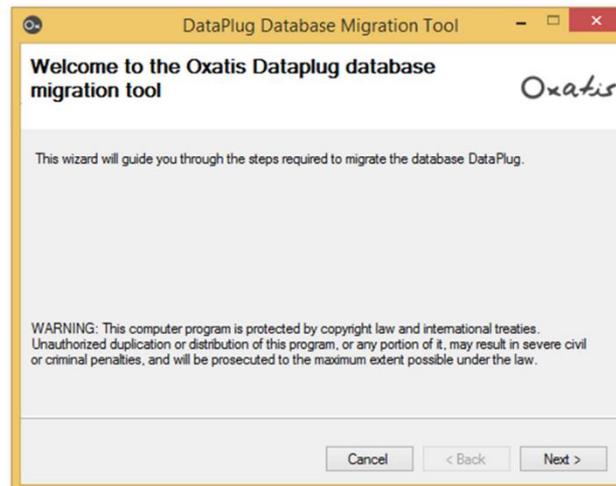
This chapter will detail how to update the Oxatis DataPlug, data management system to LocalDB.

Preliminary DataPlug save

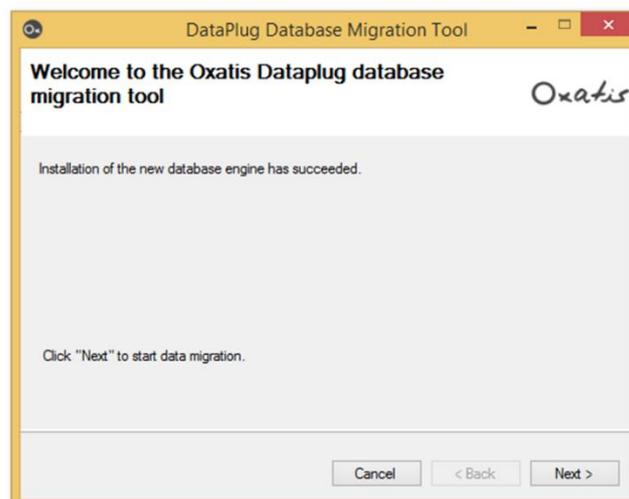
- Before using the LocalDb, migration tool, you must have the latest version of DataPlus (at least version 5.0). If you have an older version, you must first update your DataPlug.
- It is strongly advisable to save your DataPlug date by going to the menu “Tools – DataPlug Database – Backup.”
- Make sure you stop the DataPlug completely by going to the menu, “Site – Exit.” It must not be running in the task bar.

Installation and Migration

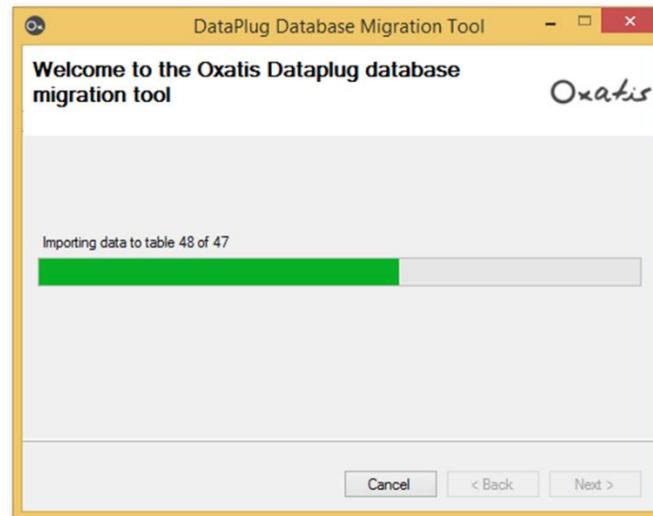
- After downloading the LocalDB migration tool from the Actinic site, simply run it in administrator mode: right click on the tool icon – menu “Run as Administrator.”
- The following screen will appear:



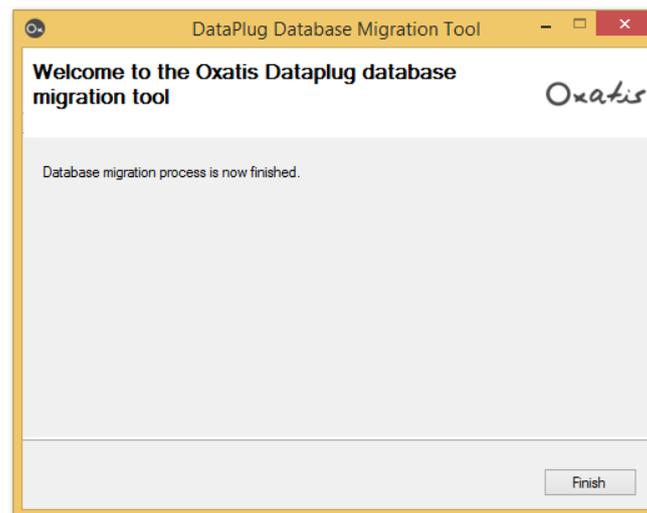
- By clicking the “Next” button, the LocalDB Migration Tool will install the new data management system and will show the instalment progression and/or any errors encountered.



- By clicking the “Next” button, the LocalDB Migration Tool will transfer data from the old management system to the new one. A progress bar will indicate the progress of data transfer.



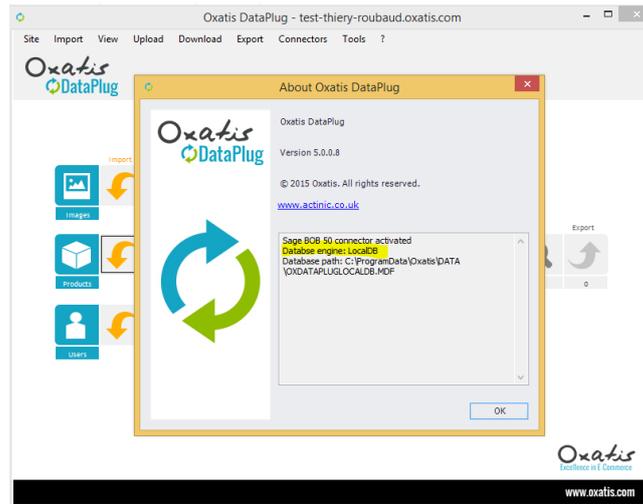
- At the end of the data transfer, any potential errors will be listed.



- By clicking the “Finish” button, the LocalDB migration tool will shut and the data transfer is complete.

DataPlug Check

- Launch the DataPlug and check in the “?” menu – About Oxatis DataPlug - that the data management system “LocalDB” has been installed and is accessible.



- It's advisable to make another backup of DataPlug via the menu "Tools – DataPlug Database – Save."
- The LocalDB Migration Tool can be removed from your computer.

LocalDB Installation Diagnosis

- To obtain the installation status for LocalDB, open a command window and run the following commands:
 - **SqlLocalDb info**
 - Gives the name of the instances installed (for DataPlug, it is **v11.0**)
 - **SqlLocalDb info v11.0**
 - The first order gives the instance name
 - Add the name to the order to get the instance status

```

Administrator : C:\Windows\System32\cmd.exe

C:\Windows\system32>sqllocaldb i
v11.0

C:\Windows\system32>sqllocaldb i v11.0
Name:                v11.0
Version:             11.0.2318.0
Shared name:
Owner:               OXATIS\Oxatis.y.rea@oxa
Auto-create:        Yes
State:               Running
Last start time:    21/07/2015 15:39:17
Instance pipe name: np:\\.\pipe\LOCALDB#FA744399\tsql\query

C:\Windows\system32>sqllocaldb i
v11.0

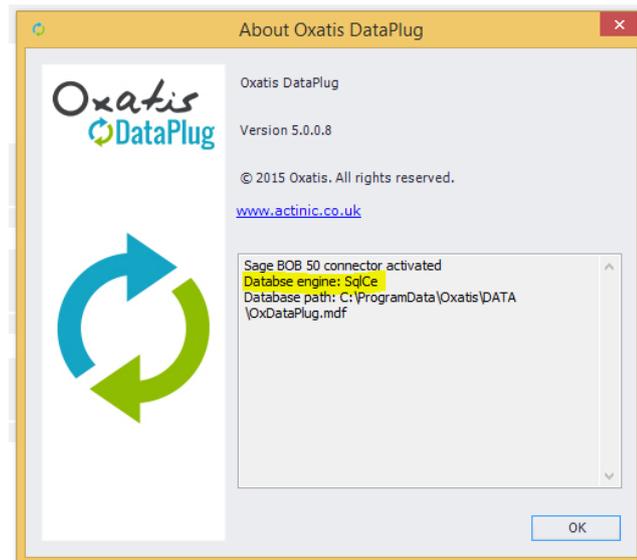
C:\Windows\system32>sqllocaldb i v11.0
Name:                v11.0
Version:             11.0.2318.0
Shared name:
Owner:               OXATIS\Oxatis.y.rea@oxa
Auto-create:        Yes
State:               Stopped
Last start time:    21/07/2015 15:39:17
Instance pipe name:

C:\Windows\system32>
  
```

- If there are connection issues with the LocalDB, enter the following commands:
 - **SqlLocalDb stop v11.0**
 - Stop the instance
 - **SqlLocalDb start v11.0**
 - Restart the instance

Reversing the migration to the LocalDB

- If the DataPlug operation isn't satisfactory or the data hasn't migrated and isn't present, it is possible to return to the old data management system MS-SQL CE by simply deleting the 2 files **OxDataPlugLocalDB.mdf** and **OxDataPlugLocalDB_log.ldf** from the "ProgramData\DATA" directory on your computer, after having stopped the DataPlug.
 - When restarting, the DataPlug gives the following information, in the "About Oxatis DataPlug" window:



4. Error messages

This table presents the list of error messages that may occur in the LocalDB Migration Tool and the actions to take:

Error Message	Proposed Action
A DataPlug instance is running. Please stop all the instances before continuing.	The action to take is outlined in the message.
The migration tool isn't compatible with Windows® XP	Data migration to LocalDB is only possible with Windows Vista and more recent Windows versions.
The migration tool can only be run with Administrator rights	You must run the LocalDB migration tool in "Administrator" mode by clicking on the icon and menu "Run as an Administrator."
DataBase already exists	The migration is already complete. There's no need to re-run it.
The DataPlug DataBase cannot be found.	The DataPlug isn't installed, or, is installed in a personalised place and not the normal folder.
An error occurred during the database engine installation.	The migration tool wasn't able to install the LocalDB engine.