SQL Server Licensing Guide

Pegasus products

pegasus

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Contents

Introduction

This short guide provides help and assistance in understanding the number of licences required for Pegasus products using Microsoft SQL Server for the data store.

There are different licensing options for the editions of SQL Server.

	Standard	Business Intelligence	Enterprise
Microsoft SQL Server 2017	Core-Based or Server+CAL	Not applicable [1]	Core-Based
Microsoft SQL Server 2016	Core-Based or Server+CAL	Not applicable [1]	Core-Based
Microsoft SQL Server 2014	Core-Based or Server+CAL	Server+CAL	Core-Based
Microsoft SQL Server 2012	Core-Based or Server+CAL	Server+CAL	Core-Based

[1] SQL Server 2014 was the final release of the SQL Server *Business Intelligence* edition.

Microsoft licensing guides

These are links to the PDF licensing guides for the supported SQL Server editions.

[Microsoft SQL Server 2017](#)

[Microsoft SQL Server 2016](#)

[Microsoft SQL Server 2014](#)

[Microsoft SQL Server 2012](#)

Microsoft can change their licensing model at any time so please check to make sure these are the latest licensing guides.

Pegasus products using Microsoft SQL Server

These are the products that use Microsoft SQL Server for the data store.

Product	Method
Opera 3 SQL SE	Indirect
Opera 3 SQL	Direct
Opera II Enterprise SQL	Direct
Scheduler	Indirect
Stocktake	Direct
Pegasus Web Xchange • Website admin (browser) • PSS (browser) • Timesheets (browser) • Mobile Sales (browser or Android app) • PWX Centre (Opera client)	Indirect
XRL (if linked to a product that uses SQL Server)	Direct
CIS (if using Microsoft SQL Server databases)	Direct

Calculating the number of SQL Server CALs required

Accessing Microsoft SQL Server is either done directly or indirectly. Indirectly includes using a website or service that in turn accesses Microsoft SQL Server.

To work out the number of CALs required

Count the number of people who can use Microsoft SQL Server (either directly or indirectly) at the same time. Someone using multiple products at the same time need only be counted once.

The number of people who use Opera is the important number, not the number of users created in the User Profiles form in Opera or even the number of people licenced to use Opera.

> For example, if there are 20 user profiles, the licence is for 15 users but only 12 actually use Opera – 12 is the important number - not 20 or 15. However, if all of the 15 licenced users use Opera then 15 is the important number.

Examples

This section includes examples to help you calculate the number of licences required for installations of Pegasus products using Microsoft SQL Server for the data store.

Example 1 - Opera 3 SQL SE

In this example there are 15 people using Opera 3 SQL SE.

Product	Users	CALs required
Opera 3 SQL SE	Opera licensed for 15 users	15
	Total required	**15**

Example 2 - Opera 3 SQL with Scheduler and Stocktake

SQL Server Express may be used for Scheduler and Stocktake (SQL Express does not need licensing). These examples assume that SQL Server Express is not used.

In this example there are 5 people using Opera 3 SQL. The Scheduler client is used in 2 of the Opera Client PCs. Stocktake - a single-user application - is used in another of the Opera Client PCs.

As Scheduler and Stocktake are used in Opera 3 SQL they use the same licences.

Product	Users	CALs required
Opera 3 SQL	Opera licensed for 5 users	5
Scheduler	2	0
Stocktake	1	0
	Total required	**5**

Example 3 - Opera 3 (non-SQL) with Scheduler and Stocktakes

In this example there are 5 people using Opera 3 using a Visual Foxpro database. The Scheduler client is used in 2 of the Opera Client PCs. Stocktake is used in another of the Opera Client PCs. One of the people using Scheduler also uses Stocktake.

Non-SQL versions of Opera do not require CALs.

Product	Users	CALs required
Opera 3 (non-SQL)	Opera licensed for 5 users	0
Scheduler	2	2
Stocktake	1	0
	Total required	**2**

Example 4 - Opera 3 (non-SQL) with Scheduler and Stocktake

In this example there are 5 people using Opera 3 using a Visual Foxpro database. The Scheduler client is used in 2 of the Opera Client PCs. Stocktake is used in another of the Opera Client PCs. Different people use Scheduler and Stocktake.

Non-SQL versions of Opera do not require CALs.

Product	Users	CALs required
Opera 3 (non-SQL)	Opera licensed for 5 users	0
Scheduler	2	2
Stocktake	1	1
	Total required	**3**

Example 5 - Opera 3 SQL with Pegasus Web Xchange

In this example there are 5 people using Opera 3 SQL. They also use both Payroll Self Service and Timesheets, along with 15 other people.

The five Opera 3 SQL users are already covered by the CALs used for Pegasus Web Xchange. Separate CALs are not required for Payroll Self Service and Timesheets provided they are for the same people.

Product	Users	CALs required
Opera 3 SQL	Opera licensed for 5 users	5
Pegasus Web Xchange	20	15
	Total required	**20**

Admin users

Additional CALs will be required if Pegasus Web Xchange administrators are not covered by an existing CAL. But if these Pegasus Web Xchange users are also Opera Users or users of the Pegasus Web Xchange website, they will already be covered.

Example 6 - Opera II Enterprise SQL

In this example there are 5 people using Opera II Enterprise SQL.

Product	Users	CALs required
Opera II SQL	Opera licensed for 5 users	5
	Total required	**5**

SQL Server Express

SQL Server Express can be used with Opera 3 SQL SE, Pegasus Stocktake, Pegasus Scheduler and Pegasus Document Management.

SQL Server Express cannot be used with Opera 3 Standard or Opera II SQL.

Support for Opera 3 SQL SE with SQL Server Express

Infor agrees that it will support SQL Server Express edition ("SQL Express") with Opera 3 SQL SE, however due to certain known limitations with SQL Express, such support is granted subject to the following conditions: (i) it is the Partner's sole responsibility to ensure that the specification of SQL Express meets the End User's technical requirements (as may be amended from time to time); and (ii) in the event that the End User suffers any degradation in operation due to its use of SQL Express, Partner will procure that the End User upgrades to a full SQL server deployment as soon as reasonably practicable. Infor shall provide the specifications for SQL Express in its online documentation and installation guides. Infor accepts no liability whatsoever due to Partner's failure to meet the conditions set out above.

For details of the versions of SQL Server Express that are supported, see the Software Requirements guide.

> For a comparison of the Express, Standard and Enterprise editions, see www.microsoft.com/en-us/sql-server/sql-server-2017-editions.
>
> For Processor, Memory, and Operating System Requirements, see docs.microsoft.com/en-us/sql/sql-server/install/hardware-and-software-requirements-for-installing-sql-server?view=sql-server-2017.