

# Bizweaver Environment Requirements

Review the following requirements for your Bizweaver environment.

## Server Hardware Requirements

The following information represents a general guideline for minimum hardware requirements. They should be adequate for most Bizweaver installations. However, it may be necessary to increase CPU and RAM in larger installations.

- CPU
  - x64 processor (1.4 GHz or faster) OR x86 (processor: 1.0 GHz or faster)
- RAM
  - 8 GB or greater
- Disk
  - The Bizweaver installation package requires ≈25 MB of disk space
  - The installed Bizweaver application footprint is ≈80 MB of disk space
  - Bizweaver also uses C:\ProgramData for log files and other file generation activities. At least 50 MB of disk space should be allowed for these activities.



As shown above, the Bizweaver application does not require a great deal of space. However, having a reasonable amount of free disk space (after installation) is highly recommended to avoid issues that can result from low disk space.

## Server Software Requirements

- Windows Server 2012 or higher
  - Versago can be used on Windows Server 2008 R2 but the preference is to use a newer version
- Microsoft IIS (Internet Information Services) 7 and higher; active and running
- The most current version of the Microsoft .Net framework



Each new version of Bizweaver may use a newer version of the .Net framework. Confirming that you have the most current version installed can help to avoid execution issues.

## Database Requirements

Bizweaver stores configuration data in a Microsoft SQL Server database. **No other databases are supported for this purpose at this time.** The database can be created in an existing SQL Server instance or a new instance can be created.

- Microsoft SQL Server
  - 2012 or above
  - Bizweaver can be used on SQL Server 2008 R2 but the preference is to use a newer version
- Microsoft SQL Server Express
  - 2012 or higher

## Bizweaver User

In normal operation, Bizweaver runs in the background. To support this processing a domain user should be created for use with the Bizweaver service. This user should have the following characteristics.

- Security to access any local and shared folders that may be used in Bizweaver processing.
- Access to any applications (e.g. FTP client) that may be used in Bizweaver processing.
- The password should be set to “Never Expire”.

## Other Software

- SAP Crystal Reports runtime for .Net Framework (64-bit). Note that this must be the 64-bit version. The 32-bit version that may already be in place will not work correctly. Both versions can be installed at the same time. The installation package for this application is available in the Software Download section of the Third Wave support portal. If you are also using Versago, the CR runtime is installed automatically.
- Microsoft Access Database Engine runtime. This is used only if you need read data directly from Microsoft Excel files. The installation package for this application is available in the Software Download section of the Third Wave support portal.

## SQL Server Database Connections

- The SQL Server Native Client should always be installed on the machine where Bizweaver is installed. This application is automatically installed if SQL Server is installed on the machine. The installation package can also be downloaded from Microsoft if necessary.
- If you are using SAP 9.3 or 10 SAP will need the Microsoft ODBC Driver 13 for SQL Server to connect to SAP. The installation package can also be downloaded from Microsoft if necessary.

## HANA Database Connections

- SAP HANA Client should be installed on the machine where Bizweaver is installed **if** you will be connecting to a HANA database to retrieve information. This application is automatically installed if SAP Business One for HANA is installed on the machine. An installation package is

available from Third Wave Business Systems if it is not already installed.



- Beginning with **Bizweaver v2.5**, the most current version of the HANA v2 Client must be installed on the Bizweaver server.
- Both the 32-bit and 64-bit versions should be installed.
  - If you have the v1 client installed you should upgrade it to v2 rather than installing it in addition to v1.

If you don't have ready access to the installation package you can download it from <https://portal.twbs.com>.

## Configuring IIS

Bizweaver has a web service component that can be used to initiate workflows either from other applications such as Versago, or internally to allow one workflow to call another. To use this functionality, confirm that IIS is installed, configured, and running on the server(s) hosting Versago and/or Bizweaver. **Review the configuration requirements [here](#).**



Note that it may be necessary to restart IIS as part of the installation process. This should be considered if you have other applications that use IIS running on the web server where Versago will be installed.



IIS is used by both Versago and Bizweaver. The configuration for both applications is the same.

## Bizweaver and Versago

If Bizweaver will be installed on the same server as Versago, Versago should be installed first. This will allow Bizweaver to automatically set up its web service connection.



If Versago uses SSL (HTTPS) for its connection, Bizweaver must also use SSL. It is not possible to call HTTP (non-SSL) from an SSL application.

# Connecting to SAP Business One

In a SQL Server environment, Bizweaver can connect to SAP Business One using either *DI Server* or *DI API*.

This **DI Server** application is purchased separately from the core SAP Business One package. Please review the explanation of how the DI Server application works to ensure that sufficient licenses are available. This is only an issue if other applications that use DI Server are also in use.

The **DI API** application is part of the core SAP Business One application set, so no additional purchases are required.

Although not required, it is also highly recommended that an exclusive SAP Business One "Indirect User" license be used for the SAP Business One DI connections. Contact your Third Wave salesperson or consultant regarding the purchase and setup of this user.



The installation instructions for the SAP Business One DI Server application are not included in this document. Refer to the installation instructions for the application for more information.

## Product License

The Bizweaver license is generated automatically. There are two requirements for the license process.

- Your SAP Installation ID must be on file in the Third Wave Business Systems license system.
- An active Internet connection to allow communication with the Third Wave license server. The connection must allow access to <https://license.twbs.com:443>.
- The above address would need to be whitelisted through any security software in or out to allow for validation of Bizweaver

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