Consic·

System Requirements

System requirements for installation of our software products

For IT administrators

Server

At a glance

- Database: Firebird SQL 3.0
- installed as a Service, no reboot required
- Installation on a VM is possible
- Low HD and RAM usage
- Interruption free periodical database backup
- No maintenance required

Database: Firebird SQL

Our applications use the **Firebird SQL** Server, version **3.0** for data storage.

Firebird is a solid SQL service that can be installed on all common platforms. Firebird is Open Source and free.

Firebird is installed as a Service. No reboot is required after installation.

The database file can be located anywhere in the local file system of the database server.

Operating System Requirements

- Windows Server
- Linux, macOS
- Usage of a Virtual Machine is possible

Resources

HD: Firebird itself occupies about 50 MB. Database size depends on program usage and is additional.

RAM usage depeding on number of concurrent connections and cache settings. For a dedicated VM we recommend at least 4 GB, better 8 GB of RAM.

Firebird has a small footprint, so it can be installed on an existing servber. You can also install it on servers that already run other DBMS services like MS-SQL or Oracle.

Database Backup

A consistent database backup (snapshot) can be performed without the need to shut down the database during backup. We will create a script during the installation process together with you.

Maintenance Free

Firebird does not require regular maintenance, configuration or administration.

Network, TCP/IP

The default port is **3050/tcp.** Inbound connections must be allowed if there is a firewall on the server.

Administrative Tools

You can use our Consic FbAdmin tool as a simple and free GUI tool for Firebird administration. For power users there are more advanced tools like IbExpert.

E-Mail Reminder

Our optional module E-Mail Reminder (for CAPS and PMM) sends e-mails using an SMTP server.

This is a console application that only runs on Windows servers (no Linux or macOS here).

More information about Firebird

- www.consic.de/firebird
- www.firebirdsql.org
- www.ibexpert.de
- www.ibphoenix.com

Workstation PC / Client PC

At a glance

- No special hardware or software requirements for the clients: standard Windows office PC
- No installation required on client PCs
- Client files reside on a read-only share
- On the clients there is only a shortcut to the UNC path of the application
- Usage of a Terminal Server is possible (recommended for remote use)
- Floating/concurrent licence model

All files needed for the workstations can be hosted on a simple network share. You can then start the application directly from the UNC path. A „read only" share is recommended.

There is no separate installation required on the workstation PCs. All you need is a link from the Desktop or Start Menu to the application.

You do not need to install database drivers / ODBC drivers or configure database aliases on the client PCs.

Everything that is needed for database access is located in the central application folder.

System Requirements

- Windows 10 or 11
- Standard Keyboard, Mouse, Graphics
- Network connection

Update

An update usually requires to exchange the central executable file. After that, all clients start the program again.

Remote Clients

Clients that are connected over a high latency network connection (WAN, VPN, HomeOffice, external site etc.) can be installed to local PCs. In this case, only database traffic is running over the network.

For this usage we highly recommend to use a terminal server product:

Terminal Server

Our applications can also run on a terminal server (Microsoft, Citrix, TSplus, etc.).

Limitations may apply when you have to connect devices using a serial interface (COM port, RS-232), e.g. measurement devices for Consic METER.

Floating Licences

Our licences are "Floating/Concurrent" licences. This means that you can install the software on an unlimited number of computers – it will, however, only run as many times simultaneously as the number of the licences you own. Further connection attemps will be rejected.

Remote Support

During installations and in support cases we will use Internet remote support. For that we will use **TeamViewer** (www.teamviewer.com) or **FastViewer** (www.fastviewer.com).

The customer module is free and does not have to be installed.

In case you prefer other solutions for Remote Support/Desktop Sharing/Online Meeting we can also use these.