VINITY SOFT
BUSINESS SOFTWARE SOLUTIONS

How to connect to a remote database server

Please note that to configure a remote connection to your database, it is recommended to use the services of an IT or at least someone that is comfortable navigating within your router's settings.

Before we start...

At this stage, we assume you have a database server running on the network in your main office. If it's not the case, please read this procedure to learn how to install a database server on your local network : Network Setup Procedure

Setup procedure

If the database server computer is behind a router (which is generally the case), you will have to do a port forwarding on your router for port 3050 (this is the port used by the Firebird database server). That means that all the communications entering port 3050 on your router must be forwarded to the database server computer.

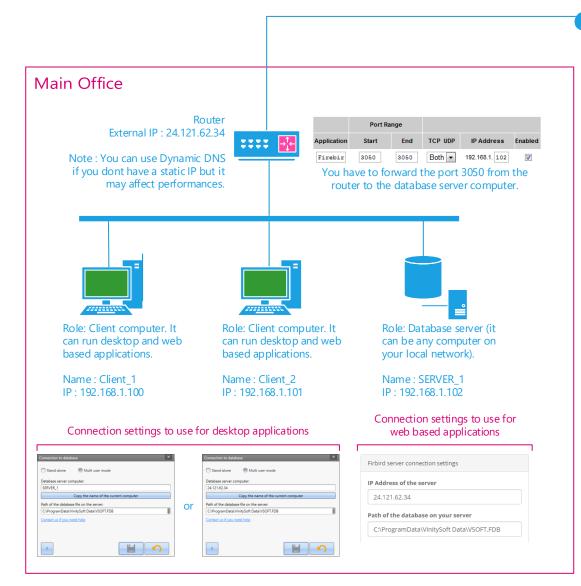You will have to find your router's documentation to find out how to configure a port forwarding. You can also refer to this website which contains great resources :

http://portforward.com/english/routers/port_forwarding/routerindex.htm

Once it's done, you will be able to access the database from remote devices using the IP address instead of the name of the database server.

See a typical configuration example on the next page

Connecting to a remote database server

Typical configuration example :

Microsoft Azure web server hosting Vinity Soft's web based applications

Main Office

Router
External IP : 24.121.62.34

Note : You can use Dynamic DNS if you dont have a static IP but it may affect performances.

	Port Range				
Application	Start	End	TCP UDP	IP Address	Enabled
Firebir	3050	3050	Both	192.168.1. 102	☑

You have to forward the port 3050 from the router to the database server computer.

Role: Client computer. It can run desktop and web based applications.

Name : Client_1
IP : 192.168.1.100

Role: Client computer. It can run desktop and web based applications.

Name : Client_2
IP : 192.168.1.101

Role: Database server (it can be any computer on your local network).

Name : SERVER_1
IP : 192.168.1.102

Connection settings to use for desktop applications

Connection to database
○ Stand alone ● Multi user mode
Database server computer:
SERVER_1
Copy the name of the current computer
Path of the database file on the server:
C:\ProgramData\VinitySoft Data\VSOFT.FDB
Contact us if you need help

or

Connection to database
○ Stand alone ● Multi user mode
Database server computer:
24.121.62.34
Copy the name of the current computer
Path of the database file on the server:
C:\ProgramData\VinitySoft Data\VSOFT.FDB
Contact us if you need help

Connection settings to use for web based applications

Firbird server connection settings

IP Address of the server
24.121.62.34

Path of the database on your server
C:\ProgramData\VinitySoft Data\VSOFT.FDB

Mobile devices

Role: Mobile devices. It can run web based applications only.

Connection settings to use

Firbird server connection settings

IP Address of the server
24.121.62.34

Path of the database on your server
C:\ProgramData\VinitySoft Data\VSOFT.FDB

Remote location

Role: Remote laptop client. It can run desktop and web based applications.

Connection settings to use

Connection to database
○ Stand alone ● Multi user mode
Database server computer:
24.121.62.34
Copy the name of the current computer
Path of the database file on the server:
C:\ProgramData\VinitySoft Data\VSOFT.FDB
Contact us if you need help