

# Update Firebird to 2.5.3

This manual describes all necessary steps to update Firebird Server to version 2.5.3.

Please make sure MedITEX is the only program using Firebird on the server. Otherwise, uninstalling Firebird following the steps below can damage other programs on the server. Please contact MedITEX support in this case.

Download the Firebird 2.5.3 (32 bits) from this link: Download Firebird.

Before starting to update Firebird, make a manual backup via MedITEX\_Backup.

After the backup is complete, copy the files from the latest backup (C:\CRITEX\BackUp\[Week]Day) in a new folder "\_Before\_Firebird\_Update" in the BackUp folder (C:\CRITEX\BackUp).



Check if MedITEX DICOM is running on the Server and stop the service. Then, stop the service for Firebird.

🔹 Dienste			~			
Datei Aktion Ans	icht ?					
	) 🛃 🚺 📷 🕨 💷 II IV					
🔍 Dienste (Lokal)	🔍 Dienste (Lokal)					
	Firebird Server - DefaultInstance	Name	Beschreibung	Status	Starttyp	Anmelden 🔺
		🔍 Fax	Ermöglicht da		Manuell	Netzwerkd
	Den Dienst <u>starten</u>	🔍 Firebird Server - DefaultInstance	Firebird Datab		Automa	Lokales Sys
		🌼 Funktionssuchanbieter-Host	Der FDPHOST	Gestartet	Manuell	Lokaler Die
Beschreibung:		🔍 Funktionssuche-Ressourcenveröff	Veröffentlicht	Gestartet	Automa	Lokaler Die
	Firebird Database Server -	🌼 Gatewaydienst auf Anwendungse	Bietet Unterst		Manuell	Lokaler Die
	www.firebirdsql.org	🤹 Gemeinsame Nutzung der Interne	Bietet allen Co		Deaktivi	Lokales Sys
		🤹 Geschützter Speicher	Bietet geschüt		Manuell	Lokales Sys
		🤹 Google Update-Dienst (gupdate)	Hält Ihre Goo		Automa	Lokales Sys
		🍓 Google Update-Dienst (gupdatem)	Hält Ihre Goo		Manuell	Lokales Sys
		🍓 Gruppenrichtlinienclient	Von dem Dien	Gestartet	Automa	Lokales Sys 🖕
		•				•
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Navigate to your Firebird installation directory (C:\Program Files (x86)\Firebird) and copy this folder to the backup folder created above. Rename this Folder "Firebird\_OLD". Uninstall Firebird using the Control Panel of Windows. Navigate to (C:\Program Files (x86)) and delete the Firebird folder. Start the Firebird 2.5.3 installation downloaded on the first step.

Choose English and click OK.

Click Next.

Accept the agreement and click 2x Next.

Choose as server components the "Classic Server".

ß	Setup - Firebird	-		×
	Select Components Which components should be installed?		ζ	3
	Select the components you want to install; clear the components you do no install. Click Next when you are ready to continue.	t want t	0	_
	Custom installation		~	
	Server components	8. 3.	9 MB 7 MB	
	Super Server binary	3.	8 MB	
	<ul> <li>Developer and admin tools components</li> </ul>	9.	7 MB	
	Client components	0.	8 MB	
Engl	Current selection requires at least 24.0 MB of disk space.			
	< Back Next >		Can	cel



Tick the checkbox.

🔂 Setup - Firebird	- 🗆 🗙
Select Start Menu Folder Where should Setup place the program's shortcuts?	۲
Setup will create the program's shortcuts in the following Start M To continue, click Next. If you would like to select a different folder, click	Menu folder. « Browse.
Firebird 2.5 (Win32)	Browse
✓ Don't create a Start Menu folder English	Cancel
< Back Next >	Cancel

Choose "Run as Service?" and tick the checkbox "Copy Firebird client library to <system> directory?"

6 <sup>0</sup>	Setup - Firebird 🛛 🗕 🔍 🗙
Se	Iect Additional Tasks Which additional tasks should be performed?
	Select the additional tasks you would like Setup to perform while installing Firebird, then click Next.
	Run Firebird server as:
	O Run as an Application?
	Run as a Service?
	Start Firebird automatically everytime you boot up?
	Use SuperClassic?"
	Copy Firebird client library to <system> directory?</system>
	✓ Generate client library as GDS32.DLL for legacy app. support?
English	< Back Next > Cancel



Start the installation by pressing Install.

Click Next.

Un-Tick "After installation – What Next?" and click "Finish".

19	Setup - Firebird	- 🗆 ×
	Setup - Friebird Completing the Firebird Wizard Setup has finished installing Firebird on your Click Finish to exit Setup. Start Firebird Service now? After installation - What Next?	Setup computer.
	< Back Finish	

Copy and replace the following files from your Firebird backup folder. <u>C:\CRITEX\BackUp\ Before Firebird Update\Firebird OLD</u>

- aliases.conf
- security2.fdb

Into the new Firebird installation <u>C:\Program Files (x86)\Firebird\Firebird 2\_5</u>

Copy and replace the following files from your Firebird backup folder. <u>C:\CRITEX\BackUp\ Before Firebird Update\Firebird OLD\UDF</u>

- CritexFirebirdUDF.dll
- FreeAdhocUDF.dll
- FreeUDFlib.dll
- rfunc.dll

Into the new Firebird installation <u>C:\Program Files (x86)\Firebird\Firebird\_2\_5\UDF</u>

Copy and replace the following files from your Firebird **installation folder**. <u>C:\Program Files (x86)\Firebird\Firebird\_2\_5\bin</u>

- fbclient.dll

Into your MedITEX installation directory C:\CRITEX\MedITEX IVF



Now set up the <u>Inbound and Outbound</u> Rules for the **fb\_inet\_server.exe.** 

Open your Firewall configuration.

## Click on "Inbound Rules" and then on "New Rule..."

Windows Firewall with Advanced	d Security			= 0 X
File Action View Help				
Windows Firewall with Advance	Inbound Rules		Actions	
Inbound Rules	Name	Groi ^	Inbound Rules	
L Connection Security Rules	صTorrent (TCP-In)		🐹 New Rule	
Monitoring	UDP-In)	E	Y Filter by Profile	•

## Select "Program" and click "Next":

💣 New Inbound Rule Wizard	
Rule Type	
Select the type of firewall rule to c	reate.
Steps: Rule Type	What type of rule would you like to create?
<ul> <li>Program</li> <li>Action</li> <li>Profile</li> <li>Name</li> </ul>	<ul> <li>Program Rule that controls connections for a program.</li> <li>Pot Rule that controls connections for a TCP or UDP pot.</li> <li>Predefined: BranchCache - Content Retrieval (Uses HTTP) Rule that controls connections for a Windows experience.</li> <li>Custom Custom rule.</li> </ul>



Look for the exe "C:\Program Files (x86)\Firebird\Firebird\_2\_5\bin\fb\_inet\_server.exe"

#### and click "Next"



#### Select "Allow the connection" and click "Next"

🝻 New Inbound Rule Wizard		×
Action		
Specify the action to be taken wh	en a connection matches the conditions specified in the rule.	
Steps:		
a Rule Type	What action should be taken when a connection matches the specified conditions?	
<ul> <li>Program</li> <li>Action</li> <li>Profile</li> <li>Name</li> </ul>	<ul> <li>Alow the connection that are protected with IPsec as well as those are not.</li> <li>Alow the connection if it is secure</li> <li>This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.</li> <li>Customize</li> <li>Block the connection</li> </ul>	
	< Back Next > Cancel	

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#### Select Domain, Private and Public and click "Next"

🔐 New Inbound Rule Wizard		
Profile		
Specify the profiles for which this r	ule applies.	
Steps:		
Rule Type	When does this rule apply?	
Program	_	
Action		
Profile	Applies when a computer is connected to its corporate domain.	
Name	V Private	
	Applies when a computer is connected to a private network location.	
	V Public	
	Applies when a computer is connected to a public network location.	
	Learn more about profiles	
	< Back Next > Cancel	

# Specify the name (i.e. Meditex\_fb\_inet\_Inbound) and click "Finish".

劒 New Inbound Rule Wiz	zard	×
Name		
Specify the name and descri	iption of this rule.	
Steps:		
Rule Type		
Program		
Action	Nama	
Profile	Meditex fb inet Inbound	
Name		
	Description (optional):	
	< Back Finish Cancel	

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Repeat the steps for the Inbound Rule to make a new **<u>Outbound Rule</u>** for the *fb\_inet\_server.exe* 

Windows Firewall with Advanced	I Security			 ×
File Action View Help				
Windows Firewall with Advance	Inbound Rules		Actions	
53 Inbound Rules	Name	Grou	Inbound Rules	
Connection Security Rules	UpTorrent (TCP-In)		<ul><li>New Rule</li><li>Filter by Profile</li></ul>	,