Fitrix Windows Thin Client Installation 5.40

These instructions are to install the Fitrix Windows Thin Client onto each Windows PC that you will use Fitrix from.

You will install using the Fitrix Windows Thin Client Install Point. If you have not yet installed the install point, please locate the installation instructions for the install point and install it before continuing.

Fitrix Windows Thin Client - Installation

Introduction

If you have previously installed any Fitrix or Four J's software, shut down any existing FourJs Windows

Front Ends (\mathbf{E}) or Genero Desktop clients (\mathbf{Q}) .

For the purpose of this documentation, version '2.21.04' is used. Your version may be different. Make the appropriate substitutions. Name of installation: **fitrix**.

For administrators installing in a terminal services environment (Citrix, etc...) please note the **yellow areas**

1. GDC (Genero Desktop Client) Installation onto your Windows PC (Onto the Windows Server If this is a terminal services

Change directories to the location of your Fitrix Windows Client Install Point, for example:

🖃 😼 My Computer 🔶 🖃 🛀 My Network Places 🔶

 \square 🥪 share on 10.0.0.99 ightarrow \square \square Install ightarrow \square Fitrix Install Point 5.40.02

Startup the installation program: 'fjs-gdc-x.xx.xx-buildxxxxxx.exe'

Terminal Services Install

This step should be done on the Windows Server where Terminal Services is installed.

You will see:

🙀 Four J's Genero Desktop Cl	ient 2.21.04 Setup
Gour J's	Welcome to the Four J's Genero Desktop Client 2.21.04 Setup Wizard
return to simplicity	Copyright 2003-2009 Four J's Development Tools Ltd.
	It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. WARNING: This program is protected by copyright law and international treaties.
	Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
XOP	Click Next to continue,
	Back Next Cancel

Click Next >

You will see:

🙀 Four J's Genero Desktop Client 2.21.04 Setup	<u> </u>
End-User License Agreement	
Please read the following license agreement carefully	ourJ's
FOUR J'S DEVELOPMENT TOOLS	
END USER LICENSE AGREEMENT	
This Agreement is between you, either an individual or an entity, ("Licensee") and Four J's Development Tools. ("Four J's"). This Agreement is effective as of the date you click the "I Accept" button below (the "Effective Date"). BY OPENING THE SEALED MEDIA PACKAGE, USING THE LICENSED SOFTWARE, OR USING	-
	_
I accept the terms in the License Agreement	
Print Back Next Car	icel

Check: 🔽 I accept the terms in the License Agreement

Click: Next >

🚏 Four J's Genero Desktop Client 2.21.04 Setup	
Installation Scope Choose the installation scope	CourJ's
Install just for you Four J's Genero Desktop Client 2.21.04 will be installed in a per- available just for your user account. You do not need local Adm	user folder and be inistrator privileges.
Install for all users of this machine Four J's Genero Desktop Client 2.21.04 will be installed in a per- default and be available for all users. You can change the defau folder. You must have local Administrator privileges.	machine folder by ult installation
Back	ext Cancel

	Select:	🖲 In	stall for all users of this machine	Click:	Next >
--	---------	------	-------------------------------------	--------	--------

🙀 Four J's Genero Desktop Client 2.21.04 Setup	
Destination Folder Click Next to install to the default folder or click Change to choose another	Pour J's
Install Four J's Genero Desktop Client 2.21.04 to:	
C:\Program Files\FourJs\gdc\fitrix Change	
Back Next	Cancel



You will see:

itart Menu Folder		
Choose the start menu folder		τοι
Accessories		
ActiveState ActiveTcl 8.4.11.0		
ActiveState ActiveTcl 8.5.2.0		
Administrative Tools		
Architag XRay XML Editor		
Art Deco Fonts		
ArtIcons Pro		
BitTorrept		
Citrix		
ClickArt		
JCorel Painter X		
Four J's Genero Desktop Client 2.21.04		
	Back Next	: Cance

Click: Next >

Select the way you want feal	ures to be installed.		
Genero Deskto	p Client		
E File Ass	ociation		
Genero Desktop Client (GDC) is	; a graphical Front E	nd for the Genero	Runtime System
This feature requires 38MB on subfeatures require 1KB on yo	your hard drive. It h ur hard drive.	nas 1 of 1 subfeat	ures selected. Th
		Deel. Ital	

From 5's denero Desktop client 2.	21.04 Setup		_ 🗆 🗵
Ready to install Four J's Genero	o Desktop Client 2.21	.04	ourJ's
Click Install to begin the installation. installation settings. Click Cancel to e	Click Back to review or char xit the wizard.	nge any of your	

🔂 Four J's Genero Desktop Client 2.21.04 Setup	
Installing Four J's Genero Desktop Client 2.21.04	ourJs
Please wait while the Setup Wizard installs Four J's Genero Desktop Client 2.21.()4.
Status:	
Back Next (Cancel

\\10.0.0.99\share\FGSS Intranet\professional services\R&D technical\Fitrix - Genero BDL - GDC\5.40\Fitrix Windows Thin Client - Installation.doc You will see:

🛃 Four J's Genero Desktop Cli	ent 2.21.04 Setup	
Four J's	Completed the Four J's Ger Client 2.21.04 Setup Wiza	nero Desktop rd
	Click the Finish button to exit the Setup W	/izard.
	Back Finish	Cancel

Uncheck:



Finish Click:

1. VM Installation onto your Windows PC (Onto the Windows Server If this is a terminal services installation)

Navigate to the location of your Fitrix install point, for example:

🖂 😼 My Computer 🌙 🖂 🛀 My Network Places 🌙
🗆 🧟 share on 10.0.0.99 🔺 🗉 🛅 Install 🔺 🛅 Fitrix Install Point 5.40.02
Startup the installation program:
Click: Click
You will see:
😫 Install Visual Menus Product
Install directory path: C:\Program Files\FourJs\gdc\fitrix
FourJs Shortcut: Four J's Genero Desktop Client 2.21.04
Fitrix Shortcut: Fitrix Accounting 5.4
Install Options Copy files Check for GDC Install
Create program shortcuts for: All Users Include uninstall option Client shortcut
Create startup shortcuts for: All Users FourJs Server port: 6402
OK Cancel

Fill in "Four J's Server Port: using your unique value reported at the end of your Fitrix server installation (usually '6402').

Click:		
Termin	al Services Install	
	Install Options Copy files Check for GDC Install Create program shortcuts for: All Users Create startup shortcuts for: All Users	 ✓ Include uninstall option ✓ Client shortcut FourJs Server port: 6402

You will see files being copied: Copy: fgss_bin\mnconfig.exe ...

If you are reinstalling, you will see:

Overwrite	<
File: (bmp\eyedrop.cur) already exists. Overwrite ?	
Yes Yes to all No Cancel	
Click: Yes to all	
You will see files being copied: Copy: fgss_bin\mnconfig.exe	

Click: Finished

\\10.0.0.99\share\FGSS Intranet\professional services\R&D technical\Fitrix - Genero BDL - GDC\5.40\Fitrix Windows Thin Client - Installation.doc 2. Fitrix Login Creation -- For each user's workstation

or te	rminal services workstation
Click:	All Programs
₩.	Fitrix Accounting 5.4 🔸 🔶 ៑ Fitrix Administration 🔸 🍝 🛃 Login Configuration
You will se	e:
1	Login Configuration
	Windows XP [Win32_NT 5.1]
	Login name:
	Create shortcuts for
	Create program shortcuts O All users O User toms
	Create startup shortcut
	(For terminal services only)
	- Session Templates
	Fitrix Dev Login
	Fitrix Dev Login (wide)
	Fitrix Dev Login (xwide)
	Fitrix Prod Area Dev Login
	Load Load Delete
	Session definition
	Session Name:
	Name or IP address of Application Server:
	Terminal settings
	() (dtb / Fort
	Small (80) C Normal (132) C Large (192) C Extra large (256) Font height:
	Remote command:
	Local command:
	Local command start in:
	Scroll back lines: Login window title: (Must match \$mn_logintitle)
	Create Close

If you receive the error message:



the install point has changed. There is a 'back' reference to the path to the install point that was set during initial installation of the workstation's components. This 'back' reference is contained in file:

C:\Program Files\FourJs\gdc\fitrix\fgss_bin\puttyupdate.ini [default location]

in the section:

```
[installpoint]
S:\Install\Fitrix Install Point 5.40.02
```

The error probably means that the mapped drive in this case is not mapped properly. Instead of using a mapped drive, use the UNC style address:

[installpoint] \\10.0.0.99\share\Install\Fitrix Install Point 5.40.02

Filling in the Login Name is optional. If the name is left blank here, the user will be prompted for their login name each time they log in to Fitrix. If a Login name is filled in here, the user's login name will be filled in for them, but cannot be changed by the user.

Login name:

The defaults for the shortcuts should be taken:

Create program shortcuts	Create shortcuts for	
Create startup shortcut (For terminal services only)	Create shortcuts for C All users © User toms	FourJs Server port:

Terminal Services Insta	II	
Create program shortcuts	Create shortcuts for • All users	
 Create startup shortcut (For terminal services only) 	Create shortcuts for O User toms	FourJs Server port: 6402

Next, create the login session(s) to be used with the client you are installing.

The typical login session templates are:

- Fitrix User Login for end users to access their live production copy of Fitrix
- Fitrix Training User Student1 for end users to access the training environment. This can be used with the Fitrix training workbook or with a Fitrix class, or simply to explore Fitrix using the supplied training database
- Fitrix Dev Login for developers to access the development copy of Fitrix with access to the development tools.

For each login session to be created on the Windows client, use the following steps:

a. Highlight the session template in the top list:



b. Then click:	Load
----------------	------

The details for the selected session will appear in the lower portion of the screen.

Session definition
Session Name: Fitrix Dev Login
Name or IP address of Application Server: 10.0.0.96
Terminal settings
Type: xterm-132 (\$TERM)
Width / Font O Small (80) O Normal (132) C Large (192) O Extra large (256) Font height: 9
Remote command: FJS_PORT=6402 /fitrix/bin/fg_540_dev_vm.sh sample
Local command: mntk.exe 10.0.0.96 20020
Local command start in: C:\Program Files\FourJs\gdc\fitrix\fgss_bin
Scroll back lines: 5000 Login window title: Development Login (Must match \$mn_logintitle)
Create Close

If this is a standard installation, use all of the defaults. If this is a custom installation, Make any changes to the template.

c. Next, Click: Create

This will create a menu option for the login session and will list the created login session in the "Currently Defined Sessions" window of the Login Configuration Screen.

d. repeat the process if the user will need login prompts to more than one area of Fitrix

Click: Close when finished creating login sessions.

3. Bring up the Genero Desktop Client (GDC)



Please note that you should not need to start the GDC again in the future as it should continue running until you logout or shutdown and has also been placed in your startup folder so that it will automatically start each time you login.

4. Login

Note: Before a user can login to Fitrix, a Linux User ID must be established. Please follow the separate instructions for creating Linux Users and confirming that the users are configured to meet the requirements of Fitrix

The user is now ready to login and begin using Fitrix:



The first time you login, you may see a Putty security alert:



If so, click 'Yes'

You should now see the login screen:

Enter login and passw	ord 🛛 🔀
F	Login litrix Password
Fitrix Software © Copyright 2010 Fouth Generation Software Solutions, Inc.	<u>OK</u> <u>Cancel</u>

Enter your Linux user name at the Login prompt (unless it is already filled in) Enter your Linux password at the Password prompt



If you are the first person to access a Fitrix database after a new installation of Fitrix or a restart of the server, there will be a delay of 10 seconds to 2 minutes while the database is started.

Note:

If the Login does not work or appears to hang the first time, Log off of Windows, then Login to Windows again and login to Fitrix again. (On some systems this is required to allow the database time to launch. The database will not need to be re-launched until the next time the Fitrix server is brought down and back up.)

You should see the Fitrix Menu:



You may see the dialog box below the first time you launch a Fitrix data entry screen:



Congratulations, you have now completed your Fitrix installation and logged on!

Optional Advanced Steps

5. Customized Login Sessions (optional):

If changes to a login session are required for the local Windows Client, the screen allows for this

Make changes in any field that is not grayed out:

Session definition	
Session Name: Fitrix De	v Login
Name or IP address of App	Dilication Server: 10.0.0.30 Connection type
Terminal settings	
Type: xterm-132	(\$TERM)
─Width / Font C Small (80) ● No	ormal (132) 🔿 Large (192) 🔿 Extra large (256) 🛛 Font height: 🦻
Remote command:	FJS_PORT=6402 /fitrix/bin/fg_540_dev_vm.sh standard
Local command:	mntk.exe 10.0.0.30 20020
Local command start in:	C:\Program Files\FourJs\gdc\fitrix\fgss_bin
Scroll back lines: 5000	Login window title: Development Login (Must match \$mn_logintitle)

Click:	Create	and you will see:
--------	--------	-------------------

-0	Currently defined sessions	
	Development Test	
		Load
		Delete

Additional parameters

- 1) To change the database for a session:
 - Connection → SSH

Remote command: FJS_PORT=6402 /fitrix/bin/fg_540_prod_vm.shsample

The default is for Development sessions to use the 'DEV' environment, Training sessions to use the 'DEV' environment, and for Production sessions to use the 'RT' (runtime) environment.

2) To change a session to use the Development environment: Connection \rightarrow SSH

Remote command: FJS_PORT=6402 FX_TOOLS=DEV /fitrix/bin/fg_540_prod_vm.sh standard

3) To change a session to use the Runtime environment:

Connection \rightarrow SSH

Remote command: FJS_PORT=6402 FX_TOOLS=RT /fitrix/bin/fg_540_dev_vm.sh standard

2) To change a session to use a special Terminal Login Window Title (\$mn_logintitle) :

Connection \rightarrow SSH

Remote command: FJS_PORT=6402 LOGINTITLE="Main Server live" /fitrix/bin/fg_540_dev_vm.sh standard

Window → Behavior

Adjust the behaviour of the window title
Window title:
Main Server live
Separate window and icon titles

💣 Main Server live 📃 🗖	×
Using username "toms".	^
exec mn -a:4 -r:4 -d mainmenu.main	
LOG: mn Visual Menus 5.40.02.04 (1.6) - [2.6.9-2.3]	
LOG: No auto start client	
[toms@penguin tmp]\$ exit	
[toms@penguin tmp]\$	V

Click: Create

Create as many sessions as you like either by: 1) starting with a Session Template or 2) by loading a 'Currently defined session' and changing the session name.

Click: Delete to delete a 'Currently defined session'.

Click: Close when finished.

Appendix: A - vminstall - control files

• Input control file:

```
S:\Install\Fitrix Install Point\vminstall.ini:
```

```
[defaults]
installpath=C:\Program Files\FourJs\gdc\fitrix
fourjs_shortcut=Four J's Genero Desktop Client 2.22.03
fitrix_shortcut=Fitrix Accounting 5.4
copyfiles=y
create_program_shortcuts=y
all program users=y
create_startup_shortcuts=y
all_startup_users=y
uninstalloption=y
serverport=6402
[fourjs_shortcuts]
Genero Desktop Client
Genero Desktop Client Release Notes
[fourjs_server]
Genero Desktop Client
[fourjs_server_arguments]
-a -D -M -n -q
[check]
bin\qdc.exe
[directories]
bmp
fqss bin
%APPDATA%\fitrix
```

[files]

•••

• Output control file:

gdc\fitrix\vmuninstall.ini (create)

[defaults]

installpath=C:\Program Files\FourJs\gdc\fitrix fourjs_shortcuts=C:\Documents and Settings\All Users\Start Menu\Programs\Programs\Four J's Genero Desktop Client 2.22.03 fitrix_shortcuts=C:\Documents and Settings\All Users\Start Menu\Programs\Fitrix Accounting 5.4 startup_shortcuts=C:\Documents and Settings\All Users\Start Menu\Programs\Startup\ fourjs_uninstall=Genero Desktop Client Setup [files] . . . [directories] bmp fgss_bin %APPDATA%\fitrix [program_shortcuts] Login Configuration PuTTY Configuration Fitrix Accounting 5.4 Uninstall [startup_shortcuts] Genero Desktop Client

gdc\fitrix\fgss_bin\puttyupdate.ini (append)

[installpoint] S:\Install\Fitrix Install Point 5.40.02

Appendix: B - Overriding the default 'Name of installation':

The term "Name of installation" used during FourJs Genero Desktop Client (GDC) installation to allow multiple installations. The installation directory and some shortcuts are named by appending the "Name of installation" to the directory or shortcut. This can be controlled by either:

1) Changing the VM install control file:

S:\Install\Fitrix Install Point\vminstall.ini:

```
installpath=C:\Program Files\FourJs\gdc\fitrix-other
fourjs_shortcut=Four J's Genero Desktop Client 2.22.03-other
fitrix_shortcut=Fitrix Accounting 5.4 - other
```

or

2) By manually making the appropriate changes during the install processs.

Appendix: C - Install sequence

Vista

Install Point

Ginstall.exe [S:\Install\Fitrix Install Point 5.4	40.02.04] →			
🕼 puttyses.exe 🛛 🙀 fjs-gdc-2.22.03-build2744-w32vc90.exe 🛛 📭 vminstall.exe				
→ 🛅 S:\Install\Fitrix Install Point 5.40.02				
→ 🧰 C:\Documents and Settings\ <mark>toms</mark> \Start Me	enu\ <mark>Programs</mark> \Fitrix Install Point 5.40.02			
🛅 S:\Install\Fitrix Install Point 5.40.02 🍝 🛛 🖉 puttyses.exe 👔	5.40.02.04]			
[S:\Install Point\puttyses.exe]				
puttyses.ini →	<pre>puttyses.exe > puttyses.ini</pre>			
[S:\Install Point]	[S:\Install Point] [S:\Install Point]			





📾 Fitrix Accounting 5.4 🛛 📾 Fitrix Administration 🛶 🛛 🗖 Login Configuration		
<pre>puttyupdate.ini</pre>		
Fitrix Accounting 5.4 → 🦻 Fitrix Dev Login <mark> Programs</mark> \Fitrix Accounting 5.4		

• Input control file:

S:\Install\Fitrix Install Point\puttyses.ini

```
session]
SessionName=Fitrix Dev Login
HostName=127.0.0.1
Protocol=SSH
TerminalType=xterm-132
LocalCommand=mntk.exe 127.0.0.1 20020
TermWidth=132
FontHeight=9
RemoteCommand=FJS_PORT=2 /fitrix/bin/fg_54_dev_vm.sh standard
ScrollBackLines=5000
WinTitle=Development Login
AllowChanges=Yes
Comment=Fitrix developer (fg.dev area, Genero development license):
```

gdc\fitrix\fgss_bin\sshwin.rtx

```
FontHeight=9 REG_DWORD
HostName="127.0.0.1" REG_SZ
LocalCommand="mntk.exe 127.0.0.1 20020" REG_SZ
LocalCommandStartIn="C:\Program Files\FourJs\gdc\fitrix\fgss_bin" REG_SZ
Protocol=ssh REG_SZ
RemoteCommand="FJS_PORT=6402 /usr/fgss_bin/fg_540_prod_vm.sh" REG_SZ
ScrollbackLines=5000 REG_DWORD
TerminalType=xterm-132 REG_DWORD
VendorReserved=Fitrix REG_SZ
WinTitle="Condor - Genero" REG_SZ
```

Create PuTTY registry entries and shortcuts.

gdc\fitrix\fgss_bin\puttyupdate.ini:

```
[defaults]
installpath=C:\Program Files\FourJs\gdc\fitrix
serverport=6402
[fourjs_server]
Genero Desktop Client
[fourjs_server_arguments]
-a -D -M -n -q
[check]
gdc.exe
[installpoint]
S:\Install\Fitrix Install Point
```

[fitrix_shortcut] Fitrix Accounting 5.4

Appendix: D - GDC startup

Find and change the GDC startup

	Terminal Services Install	
	This step is not done the GDC port is controlled in the Fitrix Login Creation step.	
ift St	art	
Right-click on: 🧿 Genero Desktop Client and select: Properties		

Genero Desktop	Client Properties	? ×
General Shortc	ut Compatibility Security	
Ge	enero Desktop Client	
Target type:	Application	
Target location:	bin	
Target:	urJs\gdc\fitrix\bin\gdc.exe'' -a -D -M -n -q -p 8	3402
Start in:	"C:\Program Files\FourJs\gdc\fitrix\"	
Shortcut key:	None	
Run:	Normal window	•
Comment:	Genero Desktop Client	
Find	Target Change Icon Advanced.	
	OK Cancel Ap	ply

Add switches to the Target box to:					
	Target: "C:\Pr	ogram Files\FourJs\gdc\fitrix\bin\gdc.exe'' <mark> </mark> -n -a -D -M -p 6402 -q			
Where-	n:	Start new instance of GDC {do not use next port available}			
	-a:	Start GDC in 'Admin Mode'			
	-D:	Starts GDC in 'Debug Mode'			
	-R:	Automatically starts the built-in RCP daemon			
	-M:	Starts GDC minimized			
	-p 6402:	GDC will listen on the new port 6402			
	-d:	Exit if port not available.			
Click:					
Start the GDC					
Star	t → All Programs ③ Genero Desktop C	r ightarrow ightar			

The GDC will launch invisibly and display as an icon on the far right of the Windows Task Bar. The GDC should always be up and will launch automatically whenever the Windows Client is booted, you should not need to manually start it in the future.

Appendix: E - Save stored settings

Right-click: 💽 in system tray (lower right). Select: Show/Hide.					
Click:	tab and select Advanced tab.				
Unclick Disable :					
Stored Settings					
🚫 Clear	Disable				
Click: Apply .					
Leave the dialog bo>	by clicking: NOT (which will terminate the GDC				

Fitrix back-end startup:

Customer start-up: PuTTY Remote command: FJS_PORT=6402 /fitrix/bin/fg_540_dev_vm.sh

/fitrix/bin/fg_540_dev_vm.sh db=\$db . /fitrix/bin/fg_env_dev.sh /bin/sh /fitrix/bin/kill_orphans.sh ... exec fg.all [\$fgtooldir/bin] exec mn.sh mainmenu [\$fgtooldir/bin] exec mn Of exec mnl [\$fgtooldir/bin]