

## SOFTWARE INSTALLATION & SETUP GUIDE

1

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# Welcome!

Thank you for choosing **REX4 Texture Direct** as your environmental choice for FSX and Prepar3D! The purpose of this documentation is to assist you with the download, unzip, installation and setup process of REX4 Texture Direct.







Ц 💭 TEXTURE DIRECT

## Download, Unzip and Installation

Each store has their own ways of handling downloads differently, however, the protocol is typically the same throughout each; purchase the product and receive access to downloadable files. Once the files are downloaded, they may need to be unzipped.

A few options are available for unzipping large files: **7-Zip, WinZip, WinRAR**. If problems are encountered with the unzipping and/or installation, please try a different zip utility.

Use of a download manager is **HIGHLY recommended** as using a web browser to download large files may corrupt the download(s). We recommend **FlashGet3** http://www.flashget.com/en/download.htm or **GetRight** (http://www.getright.com). These type of programs will ensure the download is resumed in the event that an interruption occurs with your connection to the server.

Alternatively, most stores offer software to be delivered on disk with the purchase of a Digital Media Service (DMS). If you would prefer this option, please inquire with the store where you purchased.

### **IMPORTANT INFORMATION**

Because REX4 Texture Direct is over 16 GB in size, the length of time to install will vary based upon your system design. **It is strongly recommended that you install REX immediately after you boot your system.** 





## **IMPORTANT INFORMATION**

#### BELOW ARE IMPORTANT FACTORS IN CONSIDERATION FOR INSTALLING AND OPERATING REX WITHIN FSX AND/OR PREPAR3D:

- 1. REX is compatible with Microsoft Flight Simulator X with SP2 or Acceleration Pack and Lockheed Martin's Prepar3D v. 1.3 and above.
- 2. NEVER install REX into the main FSX or P3D folder.
- 3. Due to the extra security measures Microsoft placed on the Program Files (x86) folder, we HIGHLY recommend installing REX outside of this folder! Not doing so may lead to issues with the operation of REX. For Windows 8 users, REX MUST be installed outside of the Program Files (x86) folder.
- 4. If REX, FSX or Prepar3D are installed into the program files (x86) directory, UAC (User Account Control) MUST be turned OFF in Windows to allow the proper communication between the two.
- 5. IF FSX or Prepar3D is installed in the Program Files folder you may need to set Permissions and Sharing so that REX may write the necessary files into the simulator.
- 6. We recommend turning OFF all virus scanners while FSX is running.
- 7. If you wish to view high-definition textures within FSX, you must make sure to set this value in the FSX.cfg and/or the P3D.cfg file. Add **TEXTURE\_MAX\_LOAD=4096** within the GRAPHICS section of these cfg files. This can be located in your c:\Users\<your account name>\AppData\Roaming\Microsoft\FSX. If the AppData folder is hidden, you will need to change the VIEW settings as outlined here: Open Folder Options by clicking the Start button, clicking Control Panel, clicking Appearance and Personalization, and then clicking Folder Options. Click the View tab. Under Advanced settings, click Show hidden files and folders, and then click OK.



1.) After purchasing, downloading and unzipping the files, locate and **right-click on the setup**. exe making certain to choose RUN AS ADMIN.

👪 l 💽 👪 👳 l		Application Tools		Disk1	- D ×
File Home Share	View	Manage			^ <b>(</b> )
Navigation pane - Preview pane Details pane Panes	Extra l	arge icons 🛋 Large icons um icons 🗱 Small icons 📰 Details Layout	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	up by • columns • all columns to fit nt view	☐ Item check boxes ✔ File name extensions ✔ Hidden items Show/hide
(€) → ↑ 1 (€) ≪ DEP	LOYMENT	→ INSTALLER → REX TEXTU	RE DIRECT 20131209 RT	M → Disk1	v C Search Disk1 ₽
Name		Date modified	Туре	Size	Real Environment Xtreme Textu
autorun.exe		12/10/2013 12:17	Application	9 KB	File folder
autorun.inf		12/10/2013 12:17	Setup Information	1 KB	
dotNetFx45_Full_setup.ex	e	12/9/2013 3:52 PM	Application	982 KB	
rexte1.cab		12/10/2013 10:35	CAB File	1,024,000 KB	
rexte2.cab		12/10/2013 10:49	CAB File	1,024,000 KB	
rexte3.cab		12/10/2013 10:59	CAB File	1,024,000 KB	
rexte4.cab		12/10/2013 11:28	CAB File	1,024,000 KB	
rexte5.cab		12/10/2013 11:57	CAB File	1,024,000 KB	
rexte6.cab		12/10/2013 12:12	CAB File	1,024,000 KB	
rexte7.cab		12/10/2013 12:14	CAB File	311,024 KB	
rextexture_20131209.msi		12/10/2013 12:17	Windows Installer	4,078 KB	
setup.exe		12/10/2013 12:17	Application	416 KB	
SqlLocaLDB.MSI		7/31/2013 12:33 AM	Windows Installer	28,416 KB	
SqlLocalDB64.MSI		7/31/2013 7:47 AM	Windows Installer	33,824 KB	
51 items 1 item selected					8== <b>=</b>

2.) The **Welcome** window will be presented to initiate the installation process. Select **NEXT** to continue installation.



3.) You must agree to the requirements of the EULA in order to continue the installation process. Select "I accept..." and click **NEXT**.

REX 4 - T	exture Direct Setup	
e <b>nse Agreement</b> d the following license a	greement carefully	
LICENSE AGREEMENT FC rect) Enhancement Add Martin PREPAR3D®	DR Real Environment Xtreme™ (REX 4   d-on For Microsoft Flight Simulator X and	^
IT - PLEASE READ CAR a legal agreement bet d REX Game Studios, LI lentified above, which	EFULLY: This End-User License Agreeme ween you (either an individual or a sing LC. for the REX 4   Texture Direct softwa includes computer software and include	nt le re es ∀
the terms in the License	Agreement	
ler		
	REX 4 - T ense Agreement d the following license a LICENSE AGREEMENT FG irect) Enhancement Add Martin PREPAR3D® IT - PLEASE READ CAR ; a legal agreement bet d REX Game Studios, Li dentified above, which t the terms in the License t accept the terms in the lier	REX 4 - Texture Direct Setup ense Agreement d the following license agreement carefully LICENSE AGREEMENT FOR Real Environment Xtreme™ (REX 4   irect) Enhancement Add-on For Microsoft Flight Simulator X and Martin PREPAR3D® IT - PLEASE READ CAREFULLY: This End-User License Agreement is a legal agreement between you (either an individual or a sing d REX Game Studios, LLC. for the REX 4   Texture Direct softwa dentified above, which includes computer software and include t the terms in the License Agreement t accept the terms in the License Agreement ller

4.) The **Customer Information** window requires proof of purchase for REX4. The validation process is both local and/server based. Therefore, if you do not have an internet connection, REX will validate locally. Enter a User Name, Email, and the Serial Number that was provided by the vendor from which you purchased REX4. Once all information is filled in, select **NEXT**.

<b>i</b>	REX 4 - Texture Direct Setup	×
Customer Information Please enter your cust	tomer information	2
<u>U</u> ser Name:       		
Serial Number:		
Advanced Installer —	< <u>B</u> ack <u>N</u> ext > Cancel	



5.) The Select Installation Folder area allows you to determine where to install REX4 Texture Direct.

謾		REX 4 - Tex	xture Direct S	Setup	-		×
Select Ir This i	stallation Fold	ler nere REX 4 - Textu	re Direct will be i	nstalled.			<b>?</b>
To in: click	stall in this fol "Browse".	der, click "Next". To	o install to a diff	erent folder, en	ter it b	elow o	r
C:\RE	(Texture Direc	۸.		~	Br <u>o</u>	wse	
Advanced	nstaller		< <u>B</u> ack	Next >		Cance	:1

### **RECOMMENDED SETTINGS**

It is strongly recommended that you **DO NOT install REX4 Texture Direct within the Program Files folder(s)**! The security imposed in this area may cause problems with the normal operation between REX4 and the simulator. This is common practice with many flight simulator add-ons!



6.) Select **INSTALL** to start the installation process.

<b>i</b>	REX 4 - Texture Direct Setup	×
Ready to The Set	o Install etup Wizard is ready to begin the REX 4 - Texture Direct installation	<b>}</b>
Click "I your in	Install" to begin the installation. If you want to review or change any of nstallation settings, click "Back". Click "Cancel" to exit the wizard.	
Advanced In	nstaller < <u>B</u> ack Install Cancel	

7.) The **Installation** window will progress through different cycles as the program is being installed. Basic steps of installation includes: calculation of hard drive space, copying prerequisite files, installation of prerequisite software (.net Framework 4.5 / SQL Server Local Database Server), copying installation files, installation of key files and removal of backup files.

闄	REX 4 - Texture Direct Setup
	nstalling REX 4 - Texture Direct
	Please wait while the Setup Wizard installs REX 4 - Texture Direct. This may take several minutes.
	Status: Validating install
Ad	nced Installer < <u>B</u> ack <u>N</u> ext > Cancel

8.) After installation completes, the **Installation** window will be replaced with a **Success** window. Click the FINISH button to complete the installation of REX4 Texture Direct.







## Setup and Configuration

Starting REX4 Texture Direct for the first time, the program will automatically default to the **Configuration Settings & Optimization** window.

	RECT	An Integrated Global Environment Texte	ure Utility 🚺 👌 🚍 😣
	SETTINGS		
CONFIGURATION	321111103		
Flight Simulator Folder Locat Select which flight simulator you want to install te	tion extures into during this session.	Texture Resolution	n
• Microsoft FSX: C:\MSFSX\	Browse	512 (Low Resolution)	Low-Level Clouds
<ul> <li>Prepar3D (v.1.X)</li> </ul>	Browse	1024 (Madium Pasalution)	
Prepar3D (v.2.X)	Browse	1024 (Medium Resolution	n' - Taviways
General Settings			
Weather Engine: Enable and browse to the weather engine	ine to auto start		
Email Address:		lexture Compres	sion Algorithm
Profile Name:		32 Bit	<ul> <li>Low-Level Clouds</li> </ul>
🗹 Enable Logging 🛛 🗹 Enable Notificati	ons	32 Bit	<ul> <li>High/Mid Level Clouds</li> </ul>
		32 Bit	<ul> <li>Wave Animation</li> </ul>
P3D v.2 HDR Textures		DirectX	
		Standard DX9 (FSX)	<ul> <li>Sun/Effects</li> </ul>
Create/Restore Backup		Standard DX9 (FSX)	<ul> <li>Water</li> </ul>
Create Backup currently installed flight	simulator textures.	Standard DX9 (FSX)	<ul> <li>Wave Animation</li> </ul>
<b>Restore</b> Restore textures to what they w	ere before REX was installed.		
Clouds/Effects Sky Colors Sur/Effects Water,	/Waves Airports Runwa	y/Taxiway Sound Effects	Themes

After initial startup, to access the **Configuration Settings** window at any time, please click the gear icon located on the top right section of the header bar.







#### Flight Simulator Folder Location

REX4 automatically reads the system registry to locate the application folders and will auto-populate the flight simulator folder locations. If these fields are blank, click the **BROWSE** button and locate the MAIN FOLDER of the corresponding flight simulator. Check the radial button next to the name of the Flight Simulator to set as the simulator of choice to install textures into.

Flight Simulator Folder Location			
• Microsoft FSX:	C:\MSFSX\	Browse	
Prepar3D (v.1.X)		Browse	
Prepar3D (v.2.X)		Browse	

In the example above, Microsoft FSX is set as the default simulator to receive updates.

#### **General Settings**

The descriptions for the **General Settings** area are listed within the table below.

General Settin	gs	
☑ Weather Engine:	C:\REX Essential Plus Overdrive\rex.exe	
Email Address:		
Profile Name:		
Enable Logging	Enable Notifications	

ITEM	DESCRIPTION
Weather Engine	By enabling this option, REX4 Texture Direct auto-starts your weather engine preference. Click BROWSE and located the weather engine exe file.
Email Address	Enter a valid email address for use with community submitted themes. (This information is NOT visible to the public and only used for server-based features)
Profile Name	Enter a user profile name to attach to community submitted themes.
Enable Logging	Enables the logging system to confirm proper installation of files.
Enable Notifications	Enables the program to alert you of newly shared community themes.



#### **Create/Restore Backup**

This area allows you to create or restore backups of the most current textures within the flight simulator folder(s).

Create/Re	estore Backup
Create	Backup currently installed flight simulator textures.
Restore	Restore textures to what they were before REX was installed.

## **IMPORTANT INFORMATION**

This does not create an ongoing archive of backups, as it only creates the most recent backup of your installed textures within the flight simulator(s).

The **RESTORE** function will ONLY restore your most recent backup of textures.

REX4 Texture Direct creates separate backups based upon which simulator option is selected within the FLIGHT SIMULATOR FOLDER LOCATION.





#### **Texture Resolution**

This section allows you to optimize texture selections before replacing flight simulator files. Texture resolutions can be selected between 512,1024, 2048, and 4096 textures. **Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!** 

Te	xture Resolution	
	4096 (Ultra-High Resolutic 🕤	Low-Level Clouds
	2048 (High Resolution) 🤍	High/Mid Level Clouds
	4096 (Ultra-High Resolutic $$	Runways
	4096 (Ultra-High Resolutic 🕤	Taxiways

CATEGORY		TEXTURE RESOLUTION	
Low-Level Clouds	512, 1024, 2048, 4096		
High/Mid-Level Clouds	512, 1024, 2048		
Runways	1024, 4096		
Taxiways	1024, 4096		

### **IMPORTANT INFORMATION**

Because each system configuration is different, we strongly recommend you start with lower settings and increase the resolution until you reach a happy medium of quality vs. performance.

### WARNING

Textures cannot be installed into FSX or PREPAR3D while the flight simulator is running!





#### **Texture Compression Algorithm**

This area allows you to optimize REX4 textures BEFORE replacing flight simulator files. There are selections for 32bit, DXT5 or DXT1. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!** 

Texture Compression Algorithm				
DXT 5	<ul> <li>Low-Level Clouds</li> </ul>			
DXT 5	<ul> <li>High/Mid Level Clouds</li> </ul>			
DXT 1	<ul> <li>Wave Animation</li> </ul>			

CATEGORY	TEXTURE COMPRESSION
Low-Level Clouds	32bit or DXT5 compression
High/Mid-Level Clouds	32bit or DXT5 compression
Wave Animation	32bit or DXT 1 compression

### **IMPORTANT INFORMATION**

We HIGHLY recommend the use of the DXT5 compression algorithm for clouds. DXT5 is the most flexible general purpose compression codec, so if problems are experienced using REX clouds at higher resolution, select the DXT5 setting. The same goes for the Wave Animation setting. 32-bit is much more demanding on the GPU, thus if problems arise with the use of the 32-bit setting, select the DXT1 option.





#### DirectX

This area allows you to optimize textures BEFORE replacing flight simulator textures. There are selections for DX9, DX10 and DX11. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!** 



CATEGORY	TEXTURE COMPRESSION
Sun/Effects	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1, Prepar3D v.2) DX11 Enabled (Prepar3d v.2) - ONLY
Water	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1, Prepar3D v.2)
Wave Animation	Standard DX9 (FSX) DX10 Enabled (FSX, Prepar3D v.1) DX11 Enabled (Prepar3d v.2) - ONLY

#### **P3D v.2 HDR Textures**

This area allows you to enable specialized Prepar3D v.2 HDR enhanced textures for use in Prepar3D v.2. **NOTE: Any changes made to this area will not take affect within the simulator UNTIL the textures are INSTALLED into the flight simulator!** 







## Support and Assistance

If you need additional assistance, there are several ways to seek advice or support:

#### 1.) Contact our support forum: (Primary Support Method)

http://www.realenvironmentxtreme.com/forums

We ask that you please search and read through similar help topics **BEFORE** you post a support question. Often you may find that a certain question has already been asked by someone else and the issue has been resolved.

#### 2.) REX Customer Support website

- ✓ Resolve-IT technical support wizard
- ✓ One-on-One personal assistance services
- ✓ Live GotoAssist sessions

http://www.rexwebservices.com/support



## EULA

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