

## **Render Farms For Artists Outline**

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The deadline installation notes go through much more detail than I will today, and can be found here:

[https://docs.thinkboxsoftware.com/products/deadline/10.0/1\\_User%20Manual/index.html](https://docs.thinkboxsoftware.com/products/deadline/10.0/1_User%20Manual/index.html)

You can download Deadline and its support files from thinkbox's website. You will need an amazon account to be able to download.

[https://downloads.thinkboxsoftware.com/?\\_ga=2.95458780.191706556.1516767163-590823932.1516767163#/login](https://downloads.thinkboxsoftware.com/?_ga=2.95458780.191706556.1516767163-590823932.1516767163#/login)

You will want to download Deadline and Deadline CertificateInstaller

For up to 2 computers, you do not need a license. If you do end up wanting to purchase licenses, you can make a request here:

[http://www.thinkboxsoftware.com/sales-contact/?\\_ga=2.98302107.545945667.1516906490-825442073.1483661067](http://www.thinkboxsoftware.com/sales-contact/?_ga=2.98302107.545945667.1516906490-825442073.1483661067)

There are Different types of uses, and each require a little different configuration and setup.

- A whole farm and established network

- Using Amazon portal

- Setting up a repo on a mapped share

We are going to talk about setting up a simple, 2 computer farm on a local network.

If you want to

Map a network drive / Set/find a static IP Address

- Share and setup permissions of the folder (M:)

- On windows, navigate to a folder on your computer using UNC paths, and set that as a shared network location, this is so that other computers can access files on that share.

- Map that location for an easier shorthand.

Run Repository/Database Installation

- Hardware / Software limitations

  - Best if you can do it on a dedicated server, if more than a handful of computers

- Explain database - The information about your jobs and computers

- Explain Repository - The location of all the support files for rendering and submitting

- Chose network location

- Uncheck SSL/TLS (explain risks) - Minimal if not exposed to the internet

## Run Client installation

### Start installation

Explain client - Software that connects to the repository, and lets you view and edit your files.

Explain Licensing - up to 2 computers are free, after that you need a license server

Explain Slave / Monitor / Launcher - Support programs

Configuring other clients

Demonstrate Silent Install

```
"[[LOCATION OF YOUR INSTALLER]]\DeadlineClient-10.0.3.2-windows-installer.exe"  
--mode unattended --repositorydir [[ LOCATION OF YOUR REPOSITORY ]]  
--licenseserver @xxx.xxx.xxx.xxx --dbsslcertificate [[ LOCATION OF YOUR CERT ]]
```

## Demo projects 3dsmax / AE

### Getting performance out of your farm

Understanding job task size - Each task starts up the software, so bigger chunks can be better.

Scheduling tasks / slaves etc..