

# ADA 2009 Installation (**REALLY**) Read This First

1. Read the **Installation Guide** and keep it handy for reference.
2. Decide how you are going to deploy the products (*page 8 of the IG*)
  - a. **Networked** – using the Network License Manager. (Individual activations not required)
  - b. **Multi-seat stand-alone** – products installed on each computer from deployment images.
  - c. **Stand-Alone** – products installed on each computer directly from the DVD's
  - d. Will you be using Norton Ghost or other imaging software?
3. Decide which products you are going to install.
  - a. Check the system requirements for each product you are going to install to be sure your hardware will run the applications (go to [www.autodesk.com](http://www.autodesk.com)).
4. Understand Administrative Permissions
  - a. You must have **full administrative privileges** on each local workstation where the products will be installed. If you aren't sure of your permission level, check with your system administrator.
5. **Close all applications and disable anti-virus software.**
6. On the **C: drive**, create a folder called **ADA2009\_Deployment** (*page 12 of the IG*)
  - a. **SHARE** this folder.
  - b. Be sure the **Permissions** for this folder are set to **FULL CONTROL**.
7. Within this **ADA2009\_Deployment** folder, **create a sub-folder for each of the applications you will be installing**, for example: *Inventor, ACAD, Revit, VIZ*, etc.
  - a. **DO NOT use spaces** when naming these folders – use an underscore (\_).
8. For multi-seat stand-alone or network deployments, use the **Installation Wizard** to create a **deployment** image for each product you will be installing (*page 34 of the IG*) – direct them to be placed in the appropriate sub-folder created in Step 7.
  - a. When prompted by the Wizard, select the **“Network”** or **“Stand alone”** option – whichever one you've decided on.
  - b. **Be sure that you enter the Personalization Data** (school name, contact information, serial number, etc.) **IDENTICALLY for each deployment image that you create** – especially if you are using the multi-seat stand-alone installation – any discrepancy could disable the electronic registration and activation process.
  - c. Don't forget to **configure** each product that you will be installing from the image.
9. If you are doing a Network deployment, install the **Network License Manager** (*page 19 of the IG*).
  - a. **DO NOT** install the License Manager on a remote, encrypted or compressed drive.
  - b. Use the default (c:\Program Files\) as the installation location.
  - c. **DO NOT use the Network License Activation Utility** (*as described in Chapter 4 – page 21 of the IG*). To register the products and obtain a License File use the **Product Registration and License File Request Form** posted on our website at [www.synergis-ed.com](http://www.synergis-ed.com).
  - d. To check the configuration of the License Manager, use the **LMTOOLS** utility (*page 25 of the IG*).
10. Start installing the Autodesk applications from the deployment images created in step 8 on a **“clean system”**. To create a “clean system”
  - a. Low-level format the hard drive or use a disc cleaning utility like Norton GDISK. If using a disc cleaning utility, **be sure to include the Boot Sector**.
  - b. Install the Operating System.
  - c. Download and install all current Service Packs, updates and hot fixes from Microsoft.
  - d. Download and install the latest drivers for your video card, and other peripherals.
  - e. Install all other software applications you are going to use.
  - f. If using Norton Ghost or other imaging software – create a master image of this “clean system”, **including the boot sector**.

11. On this “clean system”, **close all applications** and **disable anti-virus software**.
12. Browse the network to the ADA2009\_Deployment folder and subfolder (created in steps 6 and 7 above) for the application you want to install.
13. Install the application by clicking on the **SHORTCUT icon**.
14. Repeat step 12 for each of the Autodesk applications you are installing.
15. If you are using Norton Ghost or other imaging software – **DO NOT launch or activate** the Autodesk applications after they have been installed **IF you used the multi-seat stand-alone deployment method** (this does not apply to network installations).
16. If you are using Norton Ghost or other imaging software, create a second “master image” of this computer **including the boot sector**.
17. Launch each application to be sure it electronically registers, activates, and operates properly. If so, image the rest of the computers in the lab. **The computer(s) must have internet access to electronically register and activate.**

### Additional Installation tips:

1. When changing DVD's **give the media time to spin up to speed** before clicking on “Ok”.
2. Autodesk has not tested their products with **Deep Freeze** or similar “*reboot to restore*” utilities; and does not support installations using these utilities. There have been reports of the activation of Autodesk products becoming “broken” when these types of utilities are used with stand alone installations.
3. Avoid reboots during installation.
4. Don't forget to install the **ADA Curriculum** (see page 67 of the IG). To install, create a folder on the C: drive called **ADA2009\_Curriculum** and copy the contents of the 2 curriculum CD's into this folder. Create a shortcut on your desktop that points to the file: C:\ADA2009\_Curriculum\ADA2009\Content\ADA\_Main.chm. Clicking on the shortcut will launch the ADA Curriculum.
5. If you are installing AutoCAD Architecture, AutoCAD MEP, or Civil 3D; you do not need to install AutoCAD. The Installation Wizard for these products asks you if you want to create an AutoCAD Profile with a desktop shortcut to AutoCAD.
6. **PLEASE NOTE** – the **Inventor Professional 2009 Content Center** (parts library) can **NOT** be installed from a Deployment Image - it **MUST be installed separately**. After installing Inventor, re-insert the Inventor Disc 1 in the drive. When the **Installation Wizard** opens, click on **Install Products**, check the boxes for: **Content Center Libraries** and **Autodesk Data Management Server** (may be grayed out – but should be checked); click Next, click Next again. On the “**Data Access**” dialog box, choose the “**Autodesk Web Service (AWS)**” option and click OK, then select the Libraries you want to install. Complete the information asked for by the Wizard and click Install. This will install the Content Center locally on each machine.
7. **Be patient**. The ADA installation is not difficult but does take about 14 -16 hours if you are installing all of the products.
8. **Avoid using Roaming Profiles** for your students. Autodesk products are only tested against out-of-box Microsoft restricted users and roaming users. Any customization or restrictions placed on users could have unexpected results and are considered unsupported operating environments.