

Capturx™ for ArcGIS® Desktop

How Capturx Works with ArcGIS Desktop

Capturx turns ordinary paper into extensions of your computer desktop applications through a special dot pattern which Capturx adds to print outs, enabling them to be read by a digital pen. The dot pattern is unique for each page and appears as a light background on prints. The digital pen has a sensor which reads the dot pattern as it writes, tracking its location on that unique sheet as you write.

The dot pattern is printed with high precision using your printer's black ink, which is the only color "visible" to the digital pen. The map data, which is visible to the human eye, is printed using your printer's yellow, magenta and cyan inks. Any visible lines that look black are actually combinations of those color inks.

An initial Capturx purchase includes a large amount of unique digital dot pattern: enough to print more than 6000 8-1/2-x-11 pages or more than 2000 E-sized drawings. Dot pattern is like printer toner: it gets used up as you print. Additional dot pattern is available for purchase and download from Adapx.

Requirements Before You Start

Digital Pen: Capturx software only works with digital pens from Adapx. Individual pens can be used with multiple Capturx products.

Color Printer: Capturx-enabled print outs must be made with a 4-color postscript printer. Capturx will NOT work on black-and-white printers. Some color printers may require settings to be adjusted for optimal use. To see a sample list of compatible printers please contact your sales representative or visit:

http://www.adapx.com/printers/Sample_List

Internet Connection for set up: Capturx software needs to be activated through the internet during installation. After installation, you can use Capturx with that PC while it is offline. The internet is only required for initial set up and on the rare occasion that you refill your supply of dot pattern.

Getting Started

1. Install Capturx Software

- If you want to use both Capturx for ArcGIS and Capturx for Microsoft OneNote, then you must install Capturx for OneNote BEFORE installing Capturx for ArcGIS.
- To install Capturx, insert the CD into the CD-ROM Drive. If the setup window does not appear, run the setup or setup.exe by selecting **Start>Run** and selecting your CD-ROM drive.
- Follow the setup instructions on your screen.

2. Activate Capturx Software

Capturx software requires activation. You **MUST BE** connected to the internet to activate the software.

- **Start with your license key**, which was provided via e-mail at the time of Capturx purchase.

Note: if you have not received a license key, check your junk e-mail folder, which may have intercepted our automated mail

- After installing Capturx you will be prompted to enter that software license key.
- If you have trouble connecting to the activation process through a corporate network, then please see the troubleshooting section of this guide below.

3. Connect and Charge Your Pen

- Attach the docking station to your PC or laptop via the USB port.
- Dock your pen using the included docking station and cable.

Note: The pen needs to be in the docking station for 4 hours to be fully charged before use.

4. Select the Optimal Dot Pattern

- The digital dot pattern needs to be downloaded from Adapx before first use
- To download dot pattern, open ArcMap. Capturx runs as an extension within ArcMap and is accessible through a toolbar. Turn on the extension and add the toolbar. From the Capturx toolbar, click on the printer icon. In the printer window, select "Get More Pattern"

- You should optimize your use of pattern by selecting the pattern size that best fits the paper sizes that you will print from this PC
- You will see a choice of different sizes: A4, A2 or A0. BEFORE SELECTING, SEE BELOW. These are metric paper sizes which approximately correspond to the following US paper sizes:

Size	mm x mm	in x in	Approx. US equivalent	No. of sheets
A4	210 x 297	8.3 x 11.7	letter: 8-1/2" x 11"	6,144 sheets
A2	420 x 594	16.5 x 23.4	tabloid: 11" x 17"	3,872 sheets
A0	841 x 1189	33.1 x 46.8	E-size or large plotter	1,952 sheets

I will connect this PC to a PLOTTER (you will still be able to print smaller sizes)

⇒ **Select A0**

I will ONLY print LETTER size sheets (8-1/2" x 11") from this computer

⇒ **Select A4**

I will print LETTER (8-1/2" x 11") and TABLOID (11" x 17") size sheets

⇒ **Select A2**

5. Activate your Digital Pen

- Your digital pen needs to be activated through the internet as part of its first use
- To complete set up, print a map using the Capturx toolbar, mark it with the digital pen, and then dock the pen to that PC
- Capturx software will ask if you want to activate it and connect to the internet. Click "yes"
- After activating your pen through that connection, you can use any of the Capturx components while your PC is offline

Troubleshooting Set up

What If I don't have an internet connection?

You cannot set up Capturx.

Are there any special instructions for setting up multiple Capturx applications on the same PC?

Multiple Capturx products can be used on a single PC. You MUST INSTALL Capturx for OneNote first.

I can't activate Capturx through the internet using my corporate network.

Some corporate Local Area Networks (LANs) have special settings which regulate how data moves between your PC and the internet. If you are able to access the internet, but see an error during activation, then you may need to manually enter your LAN's proxy server settings. The error messages vary, but can include errors related to *remote server, sockets, or socks*.

To manually enter your proxy settings, click on the "?" icon in the upper right frame of the Capturx window. A Capturx message box will open which allows you to enter those settings. These settings can be found in your internet browser. To find where those settings are located in your particular browser, search that browser's help file for "proxy settings."

In Internet Explorer, they are commonly found in the Tools/ Internet Options menu under the "Connection" tab. Clicking on "LAN Settings" will display the settings. If you have trouble finding them, then contact your network administrator or the sales or support team at Adapx.

Some firewalls may also block the activation process. These failures are usually indicated by a *Socket 2* error. The usual cause for this error can be resolved by temporarily disabling your Windows firewall.

What if my printer doesn't work? Please follow these steps:

1. Make sure that the printer is a 4-color Postscript Printer. If not, it will not work.
2. Check your printer against our list of known compatible printers and known incompatible printers at http://www.adapx.com/printers/Sample_List
3. If it is a color printer and it's not on the incompatible list, then we may be able to suggest a few minor setting adjustments to your printer to get it working. Please contact our sales and support team:
sales@adapx.com; tech.support@adapx.com or 877-232-7903