

“The time it took for original mapping workflows is now cut in half,”

DARRELL KAUTZ

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For More Information
Contact our sales team
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Faster GIS Data Collection in the Field with Capturx for ArcGIS

Capturx for ArcGIS is the fastest and easiest way to collect GIS data in the field using paper maps and digital pens which integrate data directly into ArcGIS.

Custom maps can be printed on ordinary paper. Teams can select a feature from the printed legend, such as a road type or pipeline, and then draw it on the map. When the digital pen docks with the PC or Bluetooth connected to your mobile device, the data, including the classification of those features, automatically gets synced with the geodatabase.

Faster Data Collection and Decisions

With Capturx, teams work together better, with information easily gathered on paper and instantly available in digital format. Important GIS data and updates can be routed from the field and shared through the enterprise GIS database to the entire organization.

- **Real-time access** to GIS updates consolidated across field teams
- **Immediate updates to ArcGIS geodatabase** simply by docking the digital pen to your PC or sending the data from your Bluetooth enabled mobile device
- **No more waiting for paper updates, data re-entry or transcription errors**

Works the Way You Do

People will always print and markup paper maps in the field. Only Capturx lets teams work naturally with paper while keeping all the data updates digital for immediate updating and sharing.

- **Print any ArcGIS map** on ordinary paper, then edit and annotate with the digital pen
- **Paper sizes** can range from 8-1/2 x 11 up to large 49" x 49" plots
- **No complex training required** – as easy-to-use and durable as an ordinary pen

Immediate Return on Investment

With Capturx, GIS professionals can focus on data gathering and analysis, not entry. Even non-GIS experts can collect quality GIS data in the field without any extensive training.

- **No more data re-entry** or transcription errors
- **Faster data gathering and updates** means better decisions in less time.
- **No expensive field computing equipment, training, or support required.**

Capturx for ArcGIS Components

Capturx for ArcGIS software

The Capturx for ArcGIS software works within ArcGIS Desktop, enabling maps to be printed on ordinary paper with a digital watermark that can be read by a digital pen. Capturx Software also uploads GIS data gathered in the field, from the pen, for easy integration into geodatabases through ArcGIS.

Digital Pen

Capturx includes a digital pen, which digitizes and stores handwritten map notes and annotations using its sensor, image processor, and memory.

Digital Watermark for Printing

Maps for use with Capturx can be printed on ordinary paper using many color printers. Each map printed with Capturx gets a unique watermark which is seen by the digital pen.

Key Features

Printing. Print maps with Capturx for ArcGIS on ordinary paper using many color printers* on sizes ranging from 8-1/2x11 to large format 49" x 49" plots.

Editing Palettes. The legend on a Capturx enabled map becomes your digital editing palette. Teams can select a feature from the printed legend, such as a road type or pipeline, and then draw it on the map with the digital pen.

Redlines and Markups. Any type of freehand text or drawing can be written on printed maps and displayed as a redline/markup layer on the map.

Updating Geodatabases. Any geodatabase feature (Point, Line, or Polygon) can be created and captured using the digital pen. When the digital pen docks with the PC or sent via Bluetooth to your mobile device, the data, including the classification of those features, automatically gets synced with the geodatabase.

Reviewing. Field data is uploaded into ArcGIS Desktop as an edit session, enabling analysts to review each new feature, make edits or corrections, and then save the changes to the geodatabase.

Team Collaboration. Multiple team members can simultaneously collect GIS data using individual pens and maps. Capturx tracks data by user, enabling easy uploading, consolidation and management of team data.

System Requirements

Capturx for ArcGIS 1.3 Requirements: Windows XP SP3, Windows Vista SP2 or Windows 7. ArcGIS Desktop 10 SP2 or SP3 (ArcView, ArcEditor, or ArcInfo).

Capturx for ArcGIS 1.2 Requirements: Windows XP SP3, Windows Vista SP2 or Windows 7. ArcGIS Desktop 9.3 SP2 or SP3 (ArcView, ArcEditor, or ArcInfo).

*Capturx works with many common color laser jet postscript printers, please contact sales@adapx.com for more information

"Capturx is a simple, inexpensive solution. It eliminates the need for hours of training and big expensive software. It's a minimal investment which is easy to set up and easy to maintain."

ERIC WING
GIS System Analyst
City of Boise

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