

HP DesignJet Printing Solutions for ESRI



Printing richer images from more complex data

GIS imaging has come a long way in a short time. And it continues to evolve. File sizes have grown exponentially as images have become more intricate, complex and rich in color. While GIS computing technology has fueled this exciting progress, your day-to-day GIS work still revolves around printed output.

Output dimensions, speeds and types keep increasing to meet ever-more demanding applications and uses. Right now, GIS firms and departments have much to gain from advanced printing and imaging technology. And the latest HP solutions take scanning and printing far beyond past expectations, opening a world of new possibilities for GIS professionals.

Why Upgrade Now?

Here are some examples of HP printing and imaging technology, further outlined in this brochure, that make this the perfect time to enhance your GIS printing resources:

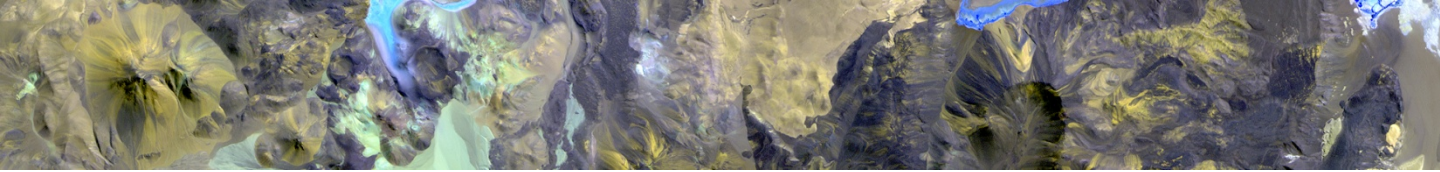
- Large-format printers including the HP Designjet Z5200, Z6200 and HP Designjet T1300ePrinter give you a whole new level of image quality with surprisingly greater printing speeds, volumes and output dimensions
- Multifunction devices: the HP Designjet T2300eMFP combines large-format scanning, copying and printing for small and medium needs and budgets in a single footprint. With the added functionality of HP ePrint and Share, users can print from remote locations and access and share files easily from the cloud.
- New products ensure that you have adequate warranty coverage now and for years to come.
- Newer HP Designjet technology is less expensive to run than older Designjet technology. In some cases, customers have seen a savings of up to 37%.

Why Choose HP?

HP is the leading provider of large format printing hardware solutions to the ESRI community and the world's leading supplier of large format printers. In the GIS industry, HP has the most complete product portfolio and HP Designjet printers are overwhelmingly the printer of choice.

From PC's to workstations to servers and large format printers, every chain of the GIS process can be, and very often is, powered by HP products. HP is the clear partner of choice of ESRI users for large format printing technology. Throughout HP Designjet product development, HP works proactively with ESRI to ensure the best possible integration of printing into the GIS workflow. Through this leadership, HP develops the best solutions. And as the industry evolves, we keep making them better.





Reliable. Exceptional. Stunning.

Get stunning output across a wide range of applications, with faster printing times and better network and workstation performance. Smart, efficient features minimize waste to ensure that every print is usable. And the low-maintenance, easy-to-use HP Designjet printers come with high-capacity supplies for added peace of mind—simply press print and walk away knowing you'll get what you expect, every time.

With HP large-format printers, you'll find:

- Outstanding color consistency that resists fading
- Uncompromised, true-to-life image quality
- Sharp, crisp lines for the most detailed jobs
- Pigment/UV ink options for lightfast prints with outstanding water resistance
- No-hassle printing so you can focus on your work, not your printer

The HP Designjet Printing System

HP Designjet printers, ink supplies and printing materials are a complete system—designed together to ensure uncompromising image quality, consistency, durability and value every time you print, on even the most demanding applications.

Original HP large-format printing materials are thoroughly tested and engineered to ensure that you get the best results. HP has invented or owns the exclusive rights to more than 90 percent of its coating formulations and devotes up to two years developing each new large-format printing material product. When exceptional quality is your main concern, turn to HP Premium printing materials, available for a wide variety of outdoor and indoor solutions. For more cost-conscious projects, HP Everyday and HP Universal printing materials meet the everyday needs of graphics and technical professionals.

Original HP Designjet ink supplies are specially formulated, to ensure that HP dye- and pigment/UV-based ink supplies bond perfectly with HP large-format printing materials to create uniform fills, crisp text and sharp lines for indoor and outdoor applications

Reducing the environmental footprint

Delivering responsible printing solutions is important. HP Designjet printers for use water-based inks and are compliant with HP's General Specification for the Environment (GSE) and EU Reduction of Hazardous Substances (RoHS) programs.

And when it comes to product disposal and recycling, these HP Designjet printers are EU WEEE Directive-compliant and are recyclable up to an estimated 90 percent of their weight. Most HP Designjet models also offer ink cartridge recycling.

Rest easy: the best support is available
HP's live and web-based support gives you the confidence you need to get the most from your HP Designjet printers:

- Toll-free phone support
- Online support at www.hp.com/go/designjet
- HP Knowledge Center—multimedia training sessions as well as illustrated step-by-step guides
- Optional HP Care Pack Services—reliable service technicians along with parts, labor and materials to enhance HP standard warranties visit www.hp.com/go/lookuptool
- Warranty extensions and upgrades

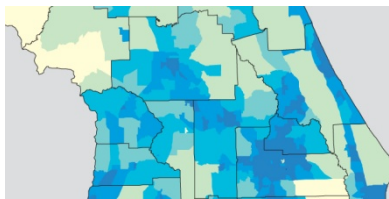
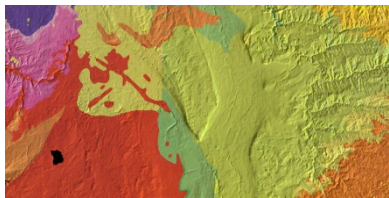
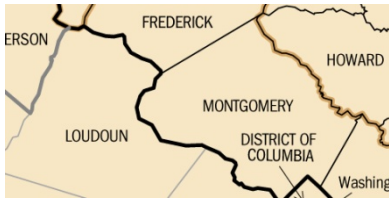


HP GIS Solutions Selection Information

For more detailed information about HP Designjet printers, visit www.hp.com/designjet or contact your HP representative or HP reseller.

GIS Applications

Output



<p>Cartography Civil map making Commercial map making</p>	<ul style="list-style-type: none"> •Dynamic maps •On-demand creation of maps (thematic, cadastral maps)
<p>Government Local government Municipal land records Regional government</p>	<ul style="list-style-type: none"> •Urban, thematic and demographic maps •Land use and urban growth planning •Emergency management
<p>Natural Resources Oil and gas exploration Mining Forestry Environmental</p>	<ul style="list-style-type: none"> •Land records management •Oil spill contingency planning •Strategic environmental databases •Minerals management •Coastal zone management •Vegetation mapping
<p>Utilities, Telecom AM/FM Network analysis Site development</p>	<ul style="list-style-type: none"> • Operations <ul style="list-style-type: none"> - AM/FM, outage management, logistics • Engineering - Utility design • Marketing - Demographic research • Finance and compliance <ul style="list-style-type: none"> - Asset management and regulations
<p>Business GIS Site selection Marketing Insurance studies</p>	<ul style="list-style-type: none"> •Land planning •Geo-marketing •Geo-engineering

HP Large Format Media Product Families for GIS

- bond and coated paper
- banner and sign material
- photographic paper
- films
- HP Tyvek
- self-adhesive materials and laminates
- backlit materials
- proofing paper

www.designjet.hp.com/supplies/app.html



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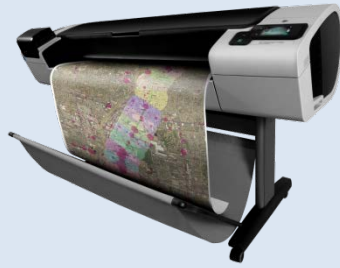
User Needs

Product

Features

- High-speed network printing and work team productivity
- High quality accurate lines graphics and renders
- Print complex files quickly
- Versatile media handling

HP Designjet T1300ePrinter



- Print 1 D-sized document in 35 seconds
- 44" wide
- 69ml, 130ml and 300ml cartridge capacity
- 6 HP Vivera Inks with Three Black ink set
- HP Professional Color technologies
- In-printer processing architecture
- Embedded Web Server
- HP-GL/2 embedded

- Small sets of versatile originals
- Limited space
- Limited HW budget
- Collaboration on projects
- Easy to use scanner

HP Designjet T2300eMFP



- Dual roll
- 44" wide
- 600 dpi optical resolution, CIS scanner
- Scan 1.5ips color, 4.5ips mono @ 200 dpi
- Print 1 D-size document in 35 seconds
- Roll length 300 ft
- Embedded Web Server
- Color Touch Screen
- Scan-to-network, scan to USB, scan to cloud, print from cloud
- Integrated design with small footprint

- Full-color photorealistic imaging
- Image complexity
- Color accuracy
- High capacity productivity
- Waterproof prints

HP Designjet Z6200



- Max. print speed of 1134 ft² per hour
- 42"/60" wide
- High 775ml cartridge capacity
- 8 HP pigment inks with 3 blacks
- Breakthrough color accuracy and consistency with HP DreamColor Technologies (embedded spectrophotometer)
- Embedded Web Server
- Waterproof ink set – perfect for outdoor maps



Help me choose guide – HP Designjets for ESRI

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User Needs	Product	Features
<ul style="list-style-type: none"> Mixing of raster imaging and vector data Line accuracy Fast and affordable printing Easy to use 	<p>HP Designjet T790ePrinter</p> 	<ul style="list-style-type: none"> Print 1 D-sized document in 35 seconds 24 & 44" wide 69ml, 130ml and cartridge capacity 6 HP Vivera Inks with Three Black ink set HP Professional Color technologies In-printer processing architecture Embedded Web Server HP-GL/2 embedded
<ul style="list-style-type: none"> Affordable Fade-resistant photo-quality with consistent color Easy to use Desktop footprint 	<p>HP Designjet 130r</p> 	<ul style="list-style-type: none"> B-size Up to 4 mpp (minutes per page), D-size Up to 11.9 mpp (minutes per page) 28/69ml cartridge capacity 6 color CMYKcm Viviera Inks Automatic color calibration

HP ePrint & Share

- Use HP ePrint & Share to remove steps from your traditional workflow.
- Print files directly from HP ePrint & Share without having to install any printer drivers.
- Instantly share large-format files—regardless of file size and format—and work more productively.
 - No need to compress your files.
 - Free up your computer while uploading, and continue designing.
 - Share any type of format (PDF, DWG, TIFF, EPS, and JPG files or videos, renders, plans, and pictures).
- Track team access to project documents.
 - Make sure you're always working with the correct version of a document.
 - Gain visibility into who's also been working on documents thanks to project tracking and status notifications.

Download for free at www.hp.com/go/eprintandshare



HP Designjet Security Features

- Most HP Designjet Printers have built-in secure features such as Secure Disk Erase, Settings Password Protection, and an External Hard Disk Option. This is a 160GB external Hard Disk (it is plugged into the printer's USB port) used to replace printer's internal hard disk as repository of personal data storage (job queue, including temporal processing data, accounting,..). The EHD can be removed from the printer and stored in a secure place.
- In early 2012, select HP Designjet printers will have encrypted hard drives included in the government models.

Portable Solutions

- HP works with select case makers to create portable large format printing solutions. For more details on cases available for HP Designjet printers please contact Deployable Systems (703) 327-3620.

