




HP LARGE-FORMAT SOLUTIONS FOR GEOSPATIAL PROFESSIONALS





The GIS industry has changed dramatically over the course of the last decade. Digitization is a key driver of this change, generating new ways of working in terms of **remote collaboration**, **convenient file sharing**, and sophisticated **security** to counter cyberattacks. In particular, security protocols are gaining increasing importance for organizations: since early 2020, cyberattacks are the fastest growing crime in the U.S. with a 400% increase.¹ At the same time, **file sizes are growing exponentially**—adding another layer of complexity. **Our goal** is to stay ahead of your needs and to **make printing as simple, powerful, and secure** as possible while **delivering the fast speeds and high-quality results demanded**. With a targeted portfolio of solutions for GIS applications to choose from, you can be sure to find one that's just right for your needs.


ONE PRINTER. IMPACT FOR EVERY INDUSTRY.


HP DesignJet and PageWide XL printers meet evolving GIS requirements.

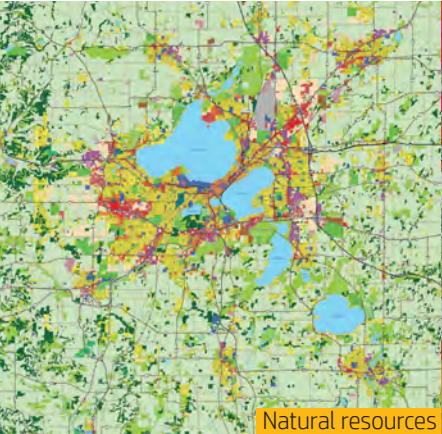
**Image quality**

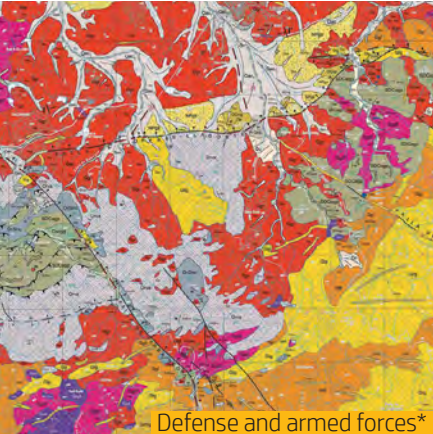
**Fast processing**

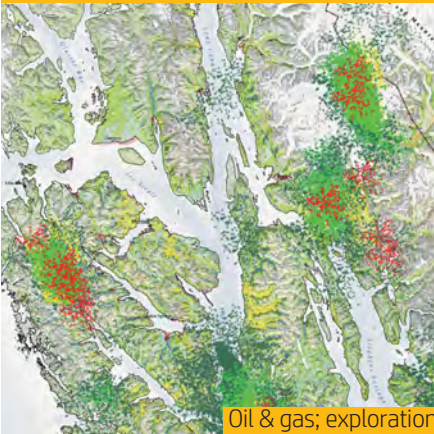
**Security**


**Cost savings**

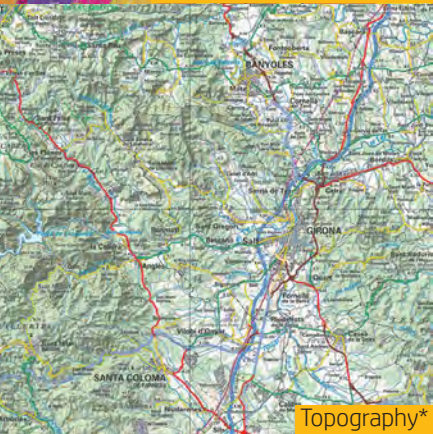
**IT compatibility and integration**


**Natural resources**

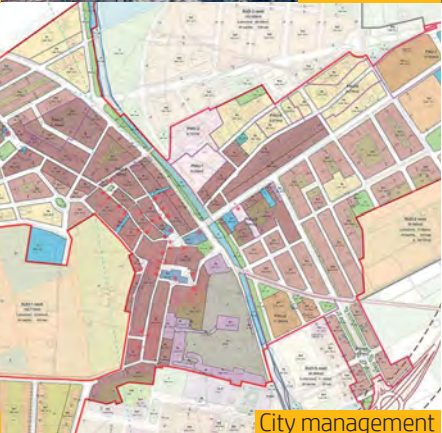
**Defense and armed forces***

**Oil & gas; exploration**

**Government***

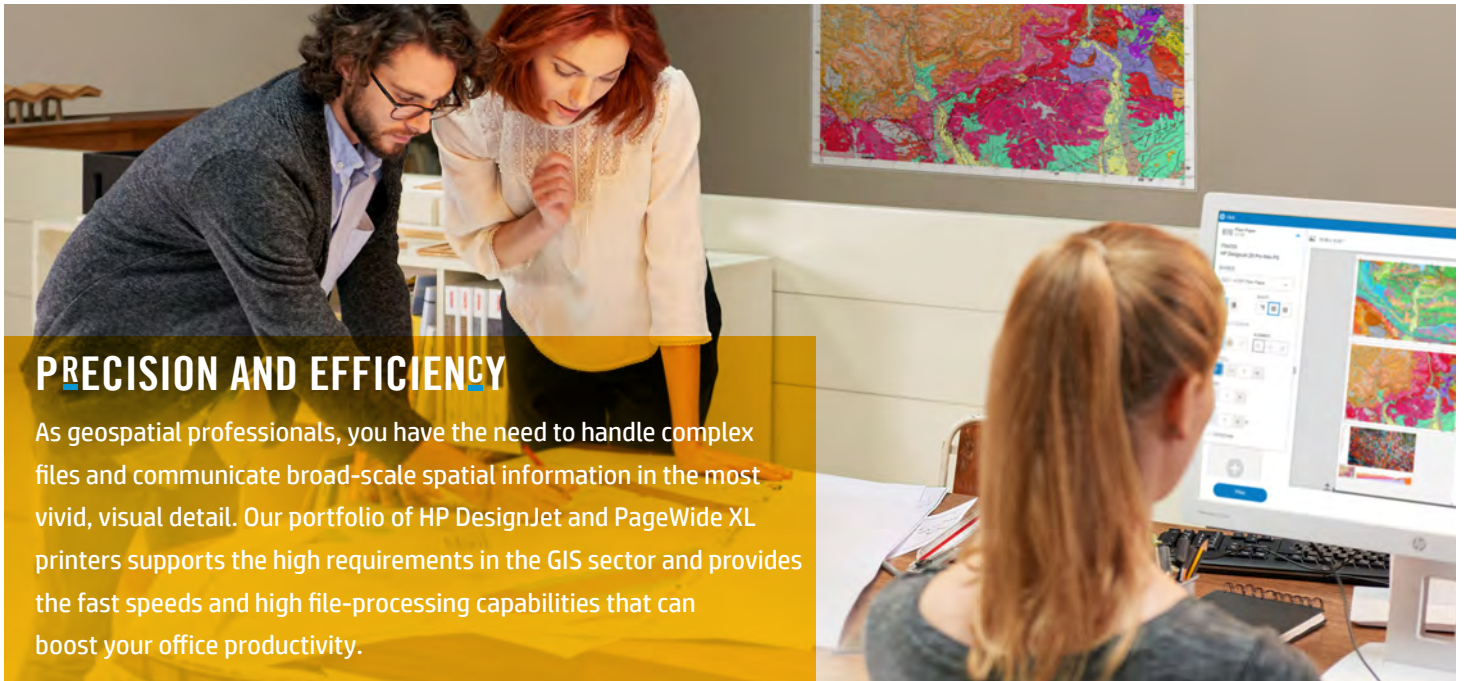
**Topography***

**Utilities and infrastructures**

**City management**

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PRECISION AND EFFICIENCY

As geospatial professionals, you have the need to handle complex files and communicate broad-scale spatial information in the most vivid, visual detail. Our portfolio of HP DesignJet and PageWide XL printers supports the high requirements in the GIS sector and provides the fast speeds and high file-processing capabilities that can boost your office productivity.

CONTROL YOUR PRINTING COSTS

Track printing data with HP SmartTracker and easily create consolidated reports to analyze your printing costs or enable reimbursement.

STREAMLINE YOUR WORKFLOW

Accelerate geospatial applications with HP SmartStream software—start printing in 50% of the time.²

SEND MULTIPLE FILES WITH ONE CLICK³

Optimize media usage and costs and, with one click,³ print the most common file formats from a PC or Mac.

ULTIMATE SECURITY

Firewalls alone can't withstand attacks from sophisticated hackers. You need the world's most secure large-format printers⁴ from HP to help protect your devices, data, and documents.



PROTECT YOUR DEVICES

Enjoy the best network protection with HP Connection Inspector, HP Secure Boot, and Whitelisting.⁴ Keep devices secure—with HP Jet Advantage Security Manager software.⁵

PROTECT YOUR DATA

Get best data protection with encrypted communications and Access Control List.⁴

PROTECT YOUR DOCUMENTS

Control who accesses the printer and its confidential documents with secure PIN printing.

HELP ME CHOOSE PRINTER



HP DesignJet Z6
PostScript® Printer Series



HP DesignJet T1700
Printer Series



HP DesignJet Z6 Pro
64-in Printer



HP DesignJet Z6810
Production Printer



HP PageWide XL Printer
portfolio

Ideal for	Outdoor reviews	Internal reviews	Immediacy and high-volume printing		
Ink types	HP Vivid Photo Inks (pigment-based ink)	HP Bright Office Inks	HP Vivid Photo Inks (pigment-based ink)	HP Vivid Photo Inks (pigment-based ink)	HP PageWide XL pigment inks
PostScript®, PDF language	PostScript®/PDF upgrade kit ⁶				
Print width	610 mm (24 in) 1118 mm (44 in)	1118 mm (44 in)/B0+	1626 mm (64 in)	1067 mm (42 in)	Up to 1016 mm (40 in)
Maximum print speed	24-in model: 67 m ² /hr (720 ft ² /hr) 44-in model: 85 m ² /hr (916 ft ² /hr)	26 sec/page on A1/D, 116 A1/D prints/hr	98 m ² /hr (1055 ft ² /hr)	113.6 m ² /hr (1225 ft ² /hr)	Up to 30 pages/min on A1/Arch D/ANSI D ⁷
Security	All security protocols			Self-Encrypted HDD	All security protocols

HELP ME CHOOSE SCANNER



HP SD Pro 44-in Scanner



HP HD Pro 2 42-in Scanner

Boost production with accurate color scanning—crisp lines and fine detail—delivered in high speed

Produce exceptional, high-quality results with HP's high-production HD color scanner

Scan speed	Color: 15 cm/sec (6 in/sec) Grayscale: 33 cm/sec (13 in/sec) ⁸	Color: up to 33 cm/sec (13 in/sec) Grayscale: up to 33 cm/sec (13 in/sec) ⁸
Maximum scan width	1118 mm (44 in)	1067 mm (42 in)
Maximum media thickness	2 mm (0.08 in)	15 mm (0.6 in)
Scan to	File, email, USB, HDD, network folder, FTP, print	
Compatible printers	HP DesignJet T series, Z series, and HP PageWide XL	

1. PR Newswire, Top Cyber Security Experts Report: 4,000 Cyber Attacks a Day Since Covid-19 Pandemic.

2. Based on testing commissioned by HP and performed by Sogeti in September, 2020. Test comparing select competitor printers that represent the majority market share of LED printers worldwide as of 2019 according to IDC, and software to HP SmartStream software, measuring the time required to extract pages from a 63-page document and print them using several printers compared with using equivalent software programs.

3. Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files. HP Click is only compatible with Original HP ink supplies.

4. Based on comparison of published security specifications commissioned by HP and performed by Sogeti. January 2021: comparison of the HP DesignJet Z6 Pro 64-in Printer and competitors that represent the majority market share worldwide as of 2020 according to IDC. September 2020: comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC. Comparison matrix and further details available upon request.

5. HP JetAdvantage Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.

6. PostScript®/PDF upgrade kit embedded in HP DesignJet Z6 PostScript® Printer Series, HP DesignJet T1700 44-in PostScript® Printer, and HP DesignJet T1700dr 44-in PostScript® Printer. For HP DesignJet T1700 44-in Printer, HP DesignJet Z6 Pro 64-in Printer, HP DesignJet Z6810 Production Printer, and HP PageWide XL printer portfolio, it must be purchased separately.

7. The HP PageWide XL 8200 Printer delivers 30 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

8. Monochrome scanning: A1/D image with black text graphics at 200 dpi; color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB.