



# THE IT GUIDE TO MANAGING A HYBRID FUTURE FOR THE BUILD INDUSTRY





What if we could help everyone adapt more easily to our new normal and make life a little more flexible to our needs, and sustainable? It's not just an aspiration but a necessity if architecture, engineering and construction (AEC) professionals are to address the biggest challenge on the planet—to redesign and rebuild the world sustainably for a more equitable and inclusive society.

In order to help AEC professionals, technology decision-makers need innovations that have a practical benefit to make working lives easier and more productive, while reducing operational costs.

They also need the ability to offer staff high-performance solutions such as Building Information Modeling (BIM), VR, 2D and 3D CAD and, ML modeling, and enable high quality print from these applications.

HP large format printers support IT leaders' objectives for secure, reliable, sustainable, and seamless working.

They do this by giving staff the means to produce high quality plans with ultra-precision and collaborate securely and safely. Whatever the challenge, HP large format printers have the answer.



## Plotters that keep your business safe

### Seamless working

When large format print seamlessly integrates with the workflows and lifestyles of AEC professionals for an easy printing experience, workers have an advantage when tackling the redesign and rebuild of our living and working infrastructure.

HP Click software and the HP Smart App give AEC professionals a seamless remote printing experience with A1-A3 automatic printing using the HP DesignJet T200, T600 series, and Studio plotters.

With the HP Click printing software, in one click, you can print the most common formats like PDF, JPEG, TIFF, DWF, HP-GL/2, and PNG files from a PC or Mac to HP DesignJet plotters, with automatic features to optimize media usage, costs, and to identify sizes. Whilst the HP Smart App gives AEC professionals a seamless, remote printing experience from virtually anywhere and provides the easiest way to print, scan, and share with a smartphone or tablet by simply connecting to a HP DesignJet plotter.

### Security

With more employees working and collaborating online, IT leaders need technology that will protect workers, and the business, from data breaches and enable secure collaborative working, whether that's in the office or working remotely at home.

# 78%

of companies don't monitor their printers for security threats.<sup>i</sup>

HP delivers a better printing experience to protect the ideas and people we value most. The most secure printers on the market,<sup>ii</sup> HP large format printers have embedded security designed to protect your network. From HP Secure Boot and HP Trusted Platform Module (TPM) security on the inside to Role Based Access Control and Front Panel Access Lock on the outside, HP large format printers will keep your business safe.

## Sustainability

With environmental sustainability being a key strategic objective for today's IT leaders, the technology solutions they employ need to fulfill their sustainable agenda.

# 50

leading global architecture, engineering, and construction firms have agreed to pursue a strategy of zero CO2 emissions by 2040, with major carbon reduction goals for 2030.<sup>iii</sup>

HP's plotters are designed with the environment in mind, from printers made with less plastic and global recycling initiatives to cartridges made of recycled materials and water-based inks. In addition, original HP ink cartridges and printheads can be recycled through the HP Planet Partners program for free.

HP has a strong commitment to leaving a positive impact on the environment for our future generations.

## Quality

Evolving digital transformation plans and new ways of working require unparalleled accuracy. HP plotters give certainty to all those working to design, build, and manage construction projects.

Ideal for offices or workspaces of any size, HP's DesignJet and PageWide XL large-scale printer families enable individuals or teams to produce large-format plans, CAD drawings, and renderings with more line accuracy and color representation (gamut) than competitors for unparalleled accuracy,<sup>iv</sup> while synchronizing with modern BIM software.

To lower risks and waste, large format color print is particularly valuable to the AEC sector, by decreasing errors and making plans clear, thereby increasing productivity. For presenting to clients and partners, there remains no adequate alternative to printed plans if you want to make an impression.



**Ideal for offices or workspaces of any size, HP plotters make life easier for your team. HP DesignJet and PageWide XL large format printers are robust, fast, and agile, for easy printing and seamless integration through world-class security.**

HP helps you to deliver better, with dedication, to protect the ideas and people you value most. HP's innovations make printing essential to the way professionals work and their lifestyles; more attuned to their individual needs; and more proactive—to stop problems before they start.

AEC professionals need the technological underpinning to address the grandest challenge on the planet—to redesign and rebuild our built environment so it's fit for the challenges of today and tomorrow, and to make it more secure, sustainable, and inclusive.

To achieve this, they need the right equipment, like HP format printers, so the architects, engineers, and contractors that rely on you can maintain productivity, collaboration, and relationships with team members.

Technology and collaboration will help them to redesign and rebuild the world more sustainably and effectively. Let's create a better world, together.



- i. Spiceworks Global survey of IT Decision Makers
- ii. Applicable to the HP DesignJet T1700 Printer series, HP DesignJet Z90 PostScript® Printer series, and HP DesignJet Z6 PostScript® Printer series, HP DesignJet XL 3600 Multifunction Printer series, HP DesignJet T2600 Multifunction Printer series, and HP DesignJet T1600 Printer series. Advanced embedded security features are based on HP review of 2019 published embedded security features of competitive printers, as of February 2019.
- iii. <https://architecture2030.org/accelerating-to-zero-by-2040/>

- iv. Up to 31% more line accuracy based on HP internal testing, September 2019 of 1 pixel vertical line straightness comparing prints from the HP DesignJet Studio Printer series and Canon TM-305 Printer on plain paper using equivalent fast/draft print modes. Up to 65% more color gamut based on HP internal testing, September 2019, of gamut volume comparing prints from the HP DesignJet Studio Printer series and Canon TM-305 Printer on Océ 75gsm plain paper using equivalent fast/draft print modes.

