

CAD Designers' productivity increases thanks to HP PageWide XL

## PIP Electrics Ltd replaces ageing, slow and costly printers with HP PageWide XL

The installation of an HP PageWide XL 5000 Multifunction Printer with online folder marks the end of a costly and time-consuming printing process at PIP Electrics Ltd. PIP was established as an Electrical Contractor in 1969 and now undertakes all aspects of mechanical and electrical engineering either as Principal Contractor, single discipline or as a combined Mechanical & Electrical Contractor, from initial design through to completion.

Prior to installing the HP PageWide XL 5000 MFP with online folder, PIP Electrics used two separate printing workflows: a LED printer for producing black & white pages and an inkjet printer for printing colour pages. In the past this required a considerable amount of manual intervention from the CAD Designers: first, colour pages had to be identified and separated from b&w pages. Then, after the printing process, the colour pages had to be folded manually and inserted in the correct order into the monochrome document set. This task used to consume between twenty-five and thirty minutes per set.

### Benefits noticeable right away

"Printing with PageWide XL is a lot quicker for the staff. It is also a lot cheaper. We managed to halve our monthly printing costs" says Thomas Hawes, IT Manager at PIP Electrics Ltd. With the introduction of the HP PageWide XL 5000 MFP with online folder, the same task is now completed in one single workflow at a fraction of the time. "The fact that we can print black and white and colour together rather than mix those later saves us a lot of time" confirms Hawes.

### The value of colour

Another reason for choosing HP PageWide XL has been the growing volume of colour pages. "Clearly the guys on site are benefitting from having the plans in colour when they do the installations. It is now a lot clearer to them what has to go where" concludes



IT Manager Tom Hawes with HP PageWide XL 5000 Multifunction Printer

Hawes. Colour printing has become an important component in projects because it can decrease human error rates. It has been proven that colour documents are more easily understood and the information is better retained compared to monochrome documents<sup>1</sup>.



The use of colour documents reduces errors and allows a team to easily understand the sections of a plan for which they are responsible. During the bidding phase, colour documents make a more professional impression than monochrome documents. Throughout the project, the use of colour in documents can help keep the project on time and on budget.

The HP PageWide XL 5000 MFP provides fast and efficient monochrome and colour prints in a single device with

up to 30 percent savings in total production costs<sup>2</sup>. The MFP provides small to medium-sized reprographic houses and enterprise-central reprographic departments (CRDs) with mid-volume technical document production at speeds of up to 14 D/A1-size prints per minute. HP PageWide Technology consists of more than 200,000 nozzles on a stationary print bar and spans the width of the page, enabling breakthrough printing speeds. Extended time between service station cycles also enables outstanding sustained productivity capacity.



HP PageWide XL 5000 Multifunction Printer

More information can be found at:

[www.pip.uk.com](http://www.pip.uk.com)

[www.hp.com/go/pagewidexl](http://www.hp.com/go/pagewidexl)

1) According to "Why Colour Matters," by Jill Morton, 2010.

2) Production costs savings based on an HP PageWide XL 5000 Printer compared with a combination of a mid-volume monochrome LED printer and a mid-volume colour production printer (both under \$40,000 USD) as of April 2015. Production costs consist of supplies and service costs, printer energy costs, and operator costs. For testing criteria, see [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).