

Case study

Dr J H Burgoyne & Partners LLP

HP Officejet Pro X MFP printer sheds new light on arson investigations



Industry

Forensic science

Objective

Support accurate forensic science investigations with fast, high-quality color prints

Approach

Integrate HP Officejet Pro X MFPs in workgroups of approximately 10 people

IT matters

- HP Officejet Pro X MFPs offer high speed and high quality at 50% lower cost per page than laser printers
- Officejet Pro X printer series provides ease of use for small workgroups

Business matters

- Provide high quality printing of evidentiary photos in arson and other investigations
- Help increase productivity and minimize wait times with excellent print speed



“In an arson investigation, detail in the photographs is very important. The HP Officejet Pro X MFP and HP ColorLok paper allow us to differentiate the dark colors and provide the contrast needed to see the necessary details.”

— Suresh Sahadeo, IT Manager, Dr J H Burgoyne & Partners LLP

During World War II, Dr. J.H. Burgoyne was tasked with stopping the spread of fire in London in the wake of air raids. After that experience, he took his knowledge of fire and started a forensic science investigation company. Today, Burgoyne scientists and engineers examine the cause of fires and other accidents and serve as expert witnesses in insurance and other cases. In the course of their work, detailed photographic evidence is critical. The HP Officejet Pro X Multifunction Printer offers Burgoyne the lightning-fast speed and life-like quality its clients demand, at a very attractive cost per page.



Burgoyne conducts forensic scientific and engineering investigations of fires, explosions and other major accidents, and act as subject matter expert witnesses. The largest organization of its type in the United Kingdom, with 11 offices and 60 scientists and engineers across Singapore, Hong Kong, Dubai and the United States, Burgoyne’s goal is to provide the best scientific advice in a commercial context. Its clients include all major UK and international insurers, marine protection and indemnity clubs, loss adjusters, insurance brokers, solicitors, as well as law enforcement, government departments and industrial corporations.

“The HP Officejet Pro X is simple to use and navigate, so anyone in the company can use it with virtually no training required.”

– Suresh Sahadeo, IT Manager,
Dr J H Burgoyne & Partners LLP

Burgoyne recently examined the HP Officejet Pro X Multifunction Printer (MFP) in its London office and found the speed, quality and price point very compelling.

Have it all

IT managers around the world know that typically when making a printer purchasing decision, speed and quality are the trade-offs—prioritize one, make-do on the other. With the HP Officejet Pro X, Burgoyne doesn’t need to make any compromises: speed and

quality live happily together in this printer, along with a very attractive cost per page compared to color laser printers.

“HP Officejet Pro X MFPs are a great value: they deliver high quality prints quickly for lower volume workgroup areas.”

– Suresh Sahadeo, IT Manager,
Dr J H Burgoyne & Partners LLP

Suresh Sahadeo, IT Manager, Dr. J. H. Burgoyne & Partners LLP, plans to deploy HP Officejet Pro X MFPs for groups of approximately 10 people where both speed and quality are necessary. While many of the comprehensive, photo-filled reports that forensic scientist develop are now e-mailed, the partnership still relies on a high volume of printing for evidentiary needs.

Because the quality of the HP Officejet Pro X prints is better than that of their standard printer—Sahadeo says the quality is as good as the best lasers—the MFPs will be used primarily to print photographs for investigative reports which can be used as evidence in a court of law. In such reports, the photographs are critical to the evaluation of the case and in many cases, such as with fire investigations, the quality of the print must be exceptionally high in order to see contrast in very dark images. The MFPs will also be used to print contact sheets which provide Burgoyne employees and clients with the ability to easily scan 12-16 images on a single sheet in order to identify the photos they need.

The blazing fast speed of the Officejet Pro X also means that users will not have to wait to print their photos and documents. The HP Officejet Pro X MFP meets the need for all the high quality output and speed of a color laser printer at 50% less cost per page compared to color laser printers. With speeds up to 70 pages per minute in General Office mode, rushing to a court date or a last minute meeting becomes less frantic.

“The quality of the photographs printed with the HP Officejet Pro X enables our forensic scientists and our clients to see contrast and details in photos—sometimes that contrast or detail makes a huge difference in the understanding of what happened in an event.”

— Suresh Sahadeo, IT Manager,
Dr J H Burgoyne & Partners LLP

Additionally, Sahadeo says the devices will also be used for printing CAD drawings. For instance, Burgoyne sometimes receives CAD files of a ship design where one section of a deck needs to be magnified and printed on A1 or A2 paper. Instead of e-mailing the file to a print shop, the Officejet Pro X will allow Burgoyne to do this printing in-house, saving both time and money.

Sahadeo adds, “The HP Officejet Pro X is simple to use and navigate, so anyone in the company can use it with virtually no training required. Plus, changing the ink is very easy—which means fewer calls to the IT department. It also offers automatic duplex printing for less paper waste and the 500-sheet tray saves time with fewer printing interruptions.”

Sahadeo is looking at the additional features of the HP Officejet Pro X to further maximize efficiencies: “The ePrint capability is appealing to enable us to print directly from a mobile device.” HP ePrint allows users to print from virtually anywhere in the world via internet access by simply sending the file to a HP ePrint-enabled printer, such as the Officejet Pro X¹.

Color it better

Burgoyne also appreciates HP print paper with ColorLok[®]—an additive used during the paper-making process that keeps the ink pigments closer to the surface of the paper, resulting in crisper lines and letters. Typical papers allow ink to sink in and absorb into the paper fibers, often resulting in fuzzy print. Sahadeo says, “The colors produced by the printer and ColorLok paper are exceptionally vibrant and the quality looks much better than other printers. Plus, the cost for this paper is about the same as standard paper. I’m planning to change all our paper to ColorLok.”

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¹Remote printing requires an internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details.

This customer received complimentary HP Officejet Pro X MFP product as part of an early adopter program.

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