**15th October 2024**

**Paragon ID UK sees 80% reduction in power consumption following transition to Fujifilm LuXtreme LED UV curing system**

Just months after installing Fujifilm's LuXtreme LED UV curing system and switching to CuremaX LED UV inks, Paragon ID UK is reaping significant benefits in sustainability and operational efficiency. This rapid improvement follows Paragon ID UK’s strategic decision to enhance its production operations at its Hull facility by adopting LED UV technologies from Fujifilm.

The transition began in 2023, when Paragon ID UK - a leading player in identification solutions, including flexographic label printing, RFID labels, and access cards - decided to align its manufacturing with internal sustainability goals. The journey started with the introduction of Fujifilm’s Flenex water wash plates and evolved quickly into a comprehensive collaboration that includes the installation of Fujifilm’s LuXtreme LED UV curing systems.

By early 2024, Paragon ID had completed the installation of the new systems, and the results since that date have been remarkable. Jamie Parker, Head of Operations at Paragon ID’s Hull site, noted the impressive energy savings: "In just a short time since installing the Fujifilm LuXtreme LED systems, we’ve already noticed a significant drop in power consumption. We compared the performance of the LED systems to our previous mercury arc UV systems and IR dryers, and the results are striking – an 80% reduction in power usage compared to conventional UV systems, and a 40% saving compared to the IR units. By leveraging Fujifilm’s expertise and technologies, we are now able to deliver excellent value to our customers while maximising our environmental credentials. The investments have enabled us to realise a range of energy, time and cost savings while achieving unparalleled performance and productivity.”

The move to LED technology has not only lowered energy costs but also improved working conditions on the production floor. Lee Murrell, Plant Manager at Paragon ID in Hull, shared how the new systems have positively impacted the workforce: "Our operators have been quick to highlight the improvements. The machines now run cooler and quieter, which creates a more comfortable and healthier work environment. The absence of ozone, which was previously an issue with the old UV systems, has also contributed to better air quality. Plus, maintenance is easier, with far fewer issues and no more unexpected downtime caused by the UV systems."

The efficiency gains have exceeded expectations, leading Paragon ID to explore further upgrades. Jamie Parker concluded: "The performance and energy savings from Fujifilm’s LED systems have been so impressive that we’re already looking to convert additional machines from UV to LED. The return on investment has been quicker than we anticipated, and we’re excited to continue this journey towards more sustainable and efficient production."

Ian Isherwood, Segment Manager EMEA – Analogue Packaging, Fujifilm Europe comments: “We’re delighted to see that our partnership with Paragon ID UK has resulted in measurable results, positioning the company at the forefront of sustainable innovation in the print industry, setting a new standard for efficiency in flexographic label printing. By combining Paragon ID’s industry expertise with Fujifilm’s advanced solutions, we are confident in our ability to deliver comprehensive and sustainable print solutions to customers worldwide.”

For more information on Fujifilm's label and packaging solutions, visit [https://fujifilmprint.eu/label-packaging-sector/](https://fujifilmprint.eu/label-packaging-sector/?utm_source=referral&utm_medium=pr&utm_campaign=LuXtreme)

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**About FUJIFILM Corporation**

FUJIFILM Corporation is one of the major operating companies of FUJIFILM Holdings. Since its founding in 1934, the company has built up a wealth of advanced technologies in the field of photo imaging, and in line with its efforts to become a comprehensive healthcare company, Fujifilm is now applying these technologies to the prevention, diagnosis and treatment of diseases in the Medical and Life Science fields. Fujifilm is also expanding growth in the highly functional materials business, including flat panel display materials, and in the graphic systems and optical devices businesses.

**About FUJIFILM Graphic Communications Division**

FUJIFILM Graphic Communications Division is a stable, long-term partner focussed on delivering high-quality, technically advanced print solutions that help printers develop competitive advantage and grow their businesses. The company’s financial stability and unprecedented investment in R&D enable it to develop proprietary technologies for best-in-class printing.  These include pre-press and pressroom solutions for offset, wide-format and digital print, as well as workflow software for print production management. Fujifilm is committed to minimising the environmental impact of its products and operations, proactively working to preserve the environment, and strives to educate printers about environmental best practice. For more information, visit [fujifilmprint.eu](https://www.fujifilm.com/uk/en/business/graphic), or [youtube.com/FujifilmGSEurope](http://www.youtube.com/FujifilmGSEurope) or follow us on @FujifilmPrint.

About Paragon ID:

Paragon ID is a leader in identification solutions, in particular in the e-ID, Transport & Smart Cities, Track & Trace & Brand Protection and Payment sectors. Paragon ID employs more than 900 staff, with manufacturing sites in US and Europe, close to its customers. Paragon ID is owned by Grenadier Holdings (formerly Paragon Group), a private equity group with a global presence in more than 30 countries, sales of €1.5 billion and more than 10,000 employees.

For more information, visit [paragon-id.com](https://www.paragon-id.com/en).

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