



News Release

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Computer to Screen 'coming of age' at P&P 'Live' 2019

LUTON, ENGLAND – 6th November 2018: This year... 2018 has marked a revolution in the way Textile Screenprint shops in the UK prepare their screen stencils. The Digital Screenroom is now a reality with EXILE Technologies Limited recently delivering its 40th SPYDER II Computer to Screen system to a UK customer.

The Digital Screenroom revolution is well and truly underway with EXILE's **FREEStyler DTS** and **SPYDER II** Computer to Screen systems leading the charge. With four models to choose from and a range of price and performance options there is an EXILE Computer to Screen solution to fit almost every budget.

At P&P Live 2019 EXILE will be running live demonstrations on both the FREEStyler DTS and SPYDER II Computer to Screen systems together with their complimentary UV-LED Exposure systems. This includes the new **VLUX** and **VLUX-XL** Vertical Screen Exposure cabinets that are the ideal fast screen exposure solution to complement the SPYDER II.

The VLUX has a vertical Space-saving design. The front door screen loading and unloading is quick and simple and the modern LCD Touch Screen user interface has 15 fully programmable user defined memory presets for storing different Mesh count and Emulsion type setups. The system also has fully automatic or manual operating modes.

The full array UV-LED panel uses multiple rows of LED's to ensure full, focused and consistent coverage of the Screen area. Different types of emulsion use sensitizers that react to light at different wavelengths. The VLUX system uses UV-LED's that have a 'sweet spot' that is common to almost all types of emulsion sensitizer. These LED's are optimised for fast & accurate exposure without a glass or vacuum with pure photopolymer emulsions typically exposing in 10 seconds or less depending on mesh count.

The LED bulb system also provides longer lamp life with no loss of power over time together with lower energy consumption and cooler operation.

When combined with EXILE's SPYDER II Computer to Screen system the **VLUX & SPYDER II** are capable of imaging and exposing **50+ screens per hour**.

The SPYDER II & VLUX combination also revolutionises the Screen-room by automating a significant part of the Screen-making process. Previous 'analog' processes are replaced by digital image positioning and registration which leads to much faster press setup times. The Digital Inkjet stencil eliminates the need for a vacuum during exposure and produces sharper, cleaner images on screen. These quality improvements are especially noticeable with half-tone tint work where improved shadow and highlight areas are immediately evident.

EXILE's Digital Screenroom concepts will be on display on **Stand B30** at **P&P 2019** at the NEC, Birmingham in January 2019.

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