# EXILE
### TECHNOLOGIES

# News Release

## FOR IMMEDIATE RELEASE

## New SPYDER III Computer to Screen System -
## Official launch at INPRINT Munich 2019

**LUTON, ENGLAND – 25th SEPTEMBER 2019: Exile Technologies European sales office has confirmed that the new SPYDER III Computer to Screen System will be officially launched at INPRINT Munich 2019.**

The all new **SPYDER III DTS** is a natural evolution of EXILE's already proven SPYDER II DTS system, which, over the last few years, has revolutionised Screen stencil making by creating the 'Digital Screen-room' concept of Direct - Computer to Screen imaging and automated image placement and digital registration.

The SPYDER III uses a completely new Xerox® industrial inkjet print-head design and a new water-dispersible black 'phase change' ink which offers a high optical density for excellent UV blocking. The ink is solid at room temperature and is therefore mess-free…. but it is also completely water-soluble for quick and easy washout with no residual waste solids. The Dye-based ink formulation avoids problems of pigment settling in the print-head and the ink solidifies on the Screen immediately after printing to produce a clean high density dot with minimal dot gain making it vastly superior to conventional water based ink jet CtS solutions.

The SPYDER III applies the artwork digitally, with absolute accuracy, directly on to a coated screen. This eliminates the need for a film mask and streamlines the entire screen preparation process. Because the stencil is printed directly on the coated screen, no vacuum is required for the exposure. Pin-holing is therefore almost completely eliminated.

The new Xerox print-head produces a much smaller physical dot size than previous phase change print-head technology and so produces much better edge definition. Two print mode settings are supported – a standard (fast) print setting of 900 dpi for typical Textile Screen print applications and a high resolution 1200 x 1200 dpi option for superior image quality with Industrial Screen print applications in mind.

Both print modes support bi-directional printing so that the SPYDER III can print a typical Screen Image in well under a minute…. at over 0.5 sq metres per minute which is about 33% faster and with twice the dot resolution of the celebrated SPYDER II model. Even at 1200dpi the SPYDER III will boast an imaging speed of approx. 1.5 sq ft per minute on to any type of Screen emulsion

The SPYDER III is available with a conventional tri-lock type mechanical registration system , or an optional **MHM** compatible registration system. The combination of mechanical registration and digital image placement eliminates human error with manual placement of film separations on multiple screens and translates into significant reduction in press setup up times and dramatic increases in Screen-room productivity.

**The SPYDER III can be seen at INPRINT Munich on the Lotus Holland stand no. 544.**

European shipments of the new SPYDER III system are scheduled to commence in November 2019.

**For more information please contact Mark Evans at Exile Technologies Limited on Tel. +44 (0)1582 573980 (email: mevans@exiletech.co.uk). Artwork and Photographs available upon request.**