



## News Release

### FOR IMMEDIATE RELEASE

## **NEW SPYDER III & FREESTYLER 2 Computer to Screen Systems get European Launch at FESPA 2022**

**LUTON, ENGLAND – March 2022: Exile Technologies has announced that the new SPYDER III & FREESTYLER 2 Computer to Screen Systems will both get European launches at FESPA Berlin 2022.**

The all new **SPYDER III DTS** is a natural evolution of EXILE's best selling SPYDER II 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 new Xerox® industrial inkjet print-head design and a new UV block 'phase change' ink which offers a high optical density for excellent UV blocking. The ink is solid at room temperature.... but it is also completely water-soluble for quick and easy washout with no residual waste. The Dye-based ink solidifies on the Screen immediately after printing to produce a clean high density dot with minimal dot gain making it superior to conventional water based ink jet CtS solutions.

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. The resulting 1200x1200 dpi image quality makes it the first ink jet CtS solution suitable for Industrial Screen print applications.

The SPYDER III boasts an imaging speed of approx. 1.5 sq ft per minute on to any type of Screen emulsion making it just as fast as the SPYDER II model with 4x the dot resolution.

The new **FREESTYLER 2** replaces the original **FREESTYLER DTS** system and boasts a range of improvements and upgrades. It remains the most affordable CtS system available, with an EU list price of €11,995.00 bundled with a **SCREENMAKER RIP**. The new 'Industrial' metal design and upgraded mechanics and electronics have improved precision and reliability. The FREESTYLER 2 retains the low cost disposable print cartridge design for low maintenance operation. The unique '**UV-Block**' black ink delivers enhanced UV density in excess of 3.5 UV DMAX.

The FREESTYLER 2 now supports bi-directional print modes for increased imaging speeds of nearly 50%.

Both the SPYDER III & the FREESTYLER 2 are available with conventional tri-lock mechanical registration systems, or optional **MHM** compatible pin registration. 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 & FREESTYLER 2 both apply the artwork digitally, with absolute accuracy, directly on to a coated screen. This eliminates the need for manual and labour intensive film registration thereby streamlining 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.

After imaging the screen is ready for immediate exposure... on the optional V-LUX or EXPOSE DTS UV-LED Exposure systems, without the need for a glass or vacuum. After exposure the water soluble wax or ink washes off quickly and easily along with the unexposed emulsion.

**For more information please contact Mark Evans at Exile Technologies Limited on Tel. +44 (0)1582 573980 (email: [mevans@exiletech.co.uk](mailto:mevans@exiletech.co.uk)).**

**Artwork and Photographs available upon request.**