Product Fact Sheet
vDot4

vDot

vDot4 enables a Navigator RIP user to output color proofs that, when used in conjunction with specific papers, will fall within the tolerances of color accuracy standards such as GRACoL, SWOP, and FOGRA. This makes the proof a viable target for offset presses being run against these same standards.

What it is

vDot is Xitron's name for Navigator RIP plug-ins designed to drive specific Epson ink jet printers. It stands for "variable dot." These plug-ins can be added to high-resolution CTP RIPs, or reside by themselves in a stand-alone Xitron Proofing RIP (XPR). When added to a high-resolution RIP, customers are assured that the RIP being used to create their printing plates is the exact same RIP used to create contract-quality proofs and that there will be no difference in job interpretation between proof and final output.

This is important because PostScript or PDF interpreters from different manufacturers are often based on different interpretation engines, or engine versions. When this is the case, differences in output results are possible; a bad thing when you're proofing critical work.

The idea of accurate, predictable digital color proofing is complex because of the diversity of systems involved. To mitigate this, standards and process control must be used throughout the printing process, which can bring these diverse systems into a common working color space, or gamut. A test target is printed on the proofer and measured using specialized tools that verify the vDot proof falls within the prescribed standard.

Note: verification of proofer accuracy is pointless if the press is not being run to the same standard.

vDot is NOT a press calibration, nor is it custom profiling. While these can be accomplished in environments where vDot has been deployed, they must be performed by a third party outside of Xitron.

Supported Papers

vDot4 ships with ICC profiles suitable for printing to the GRACoL, SWOP, or FOGRA specifications on the following papers:

Epson Standard Proofing (240) S045112 Semi-matte

Epson Proofing Paper Commercial S042146

Epson Proofing Paper White Semi-matte S042004

Epson Proofing Paper Publication

Epson Proofing Paper SWOP3

Xitron X1 Proofing Media SUP-1000-024

Supported Proofers

The vDot4 plug-in supports the following Epson Stylus Pro printers.

4900, 7900, 9900

7890, 9890

Supported Operating Systems

A minimum OS of Windows 7 64-bit is required. Windows 10 is supported.