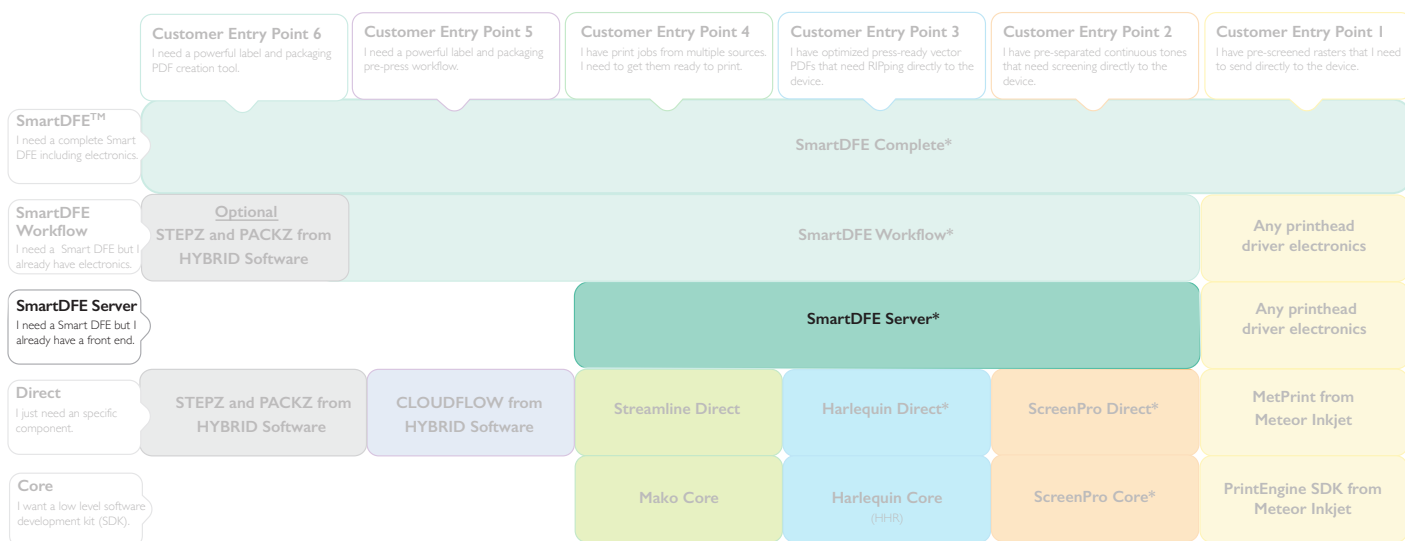




SmartDFE Server includes the core server components - ideal for companies that have their own printhead driver electronics and pre-press workflow (eg transactional or décor). It's also ideal for more industrial use-cases where you may be printing direct to shape where the whole pre-press workflow isn't required. The OPC UA interface can be used to create a custom and simplified user experience within days.



SmartDFE Server Components

SmartDFE Components	SmartDFE complete	SmartDFE workflow	SmartDFE server
Smart Print Controller™	●	●	●
SmartMedia™	●	●	●
Smart Print Profile Editor™	●	●	●
Smart Job Cost Estimator™	●	●	●
Direct QI™	●	●	●
PrintFlat™	●	●	●
Harlequin Direct™	●	●	●
CoPrA™ and ColorAnt™	●	●	●
Streamline Direct™	●	●	●
CLOUDFLOW® Mars App	●	●	
STEPZ®	◐		
Meteor Datapath	●		

● Included as standard

◐ Included with all variants apart from "Static"

Features and benefits

<p>Smart Job Cost Estimation software</p> <ul style="list-style-type: none"> Equip your customer's sales team with the most accurate job estimation software <p>Smart Print Controller</p> <ul style="list-style-type: none"> Press Operator's controller Full, brandable front end supplied as C# source code so that you can add your own value <ul style="list-style-type: none"> Write your own user interface within weeks using the OPC UA API Industry 4.0 enabled to connect with smart manufacturing and cloud data services <p>SmartMedia Inside:</p> <ul style="list-style-type: none"> Create a library of predefined media definitions describing all the settings needed to get perfect color and quality Enable your customers to achieve the best quality without the need for print specialists Powered by the award-winning PrintFlat technology taking inkjet quality to the next level Enhanced with industry-leading color tools from ColorLogic 	<p>Direct Inside (Harlequin Direct):</p> <ul style="list-style-type: none"> Harlequin at Heart: designed to drive the fastest, widest and highest resolution inkjet devices Full variable data streamed directly to the device electronics Instant printing, no need to RIP ahead Supercharged by ScreenPro™ with advanced inkjet-specific screens and custom screen design service Stream data directly to inline inspection systems using Direct QI Easily scalable with extended gamut and special colors Near real-time quality adjustment based on camera system feedback. No need to stop the device <p>Direct Inside (Streamline Direct):</p> <ul style="list-style-type: none"> Estimate the achievable line speed before committing to run a job Optimize the job to achieve a higher line speed Intelligently configure the system for each job Convert formats to optimized PDF including (IJPDS and PPML) 	<p>Any printhead driver electronics (Meteor Ready)</p> <ul style="list-style-type: none"> SmartDFE can be up and running in days with Meteor Printhead electronics If you already have your own electronics we can integrate SmartDFE with a short BreakThrough project (typically 20 Engineering days delivered by our Technical Services team) <p>Four Variants</p> <ul style="list-style-type: none"> Static: A single PC running all the software and generating a static raster which will be printed many times Standard Data Rate (SDR): (up to 3GB/s) Designed for less demanding variable data, lower resolution, narrower and lower speed presses High Data Rate (HDR): Between 3GB/s and 18 GB/s Designed for most common variable data and mainstream press capabilities Ultra-High Data Rate (UHDR): Above 18 GB/s Designed to produce the huge amounts of data generated by fully variable data on the fastest, highest resolution, widest and best quality inkjet printing presses <p>BreakThrough Service</p> <ul style="list-style-type: none"> Add our engineers and scientists to your engineering team to get you shipping sooner Break through any barrier slowing your route to market Buy a block of days which is 100% recoverable against licenses as soon as you ship, making the service effectively free
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August v1 2022

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info@globalgraphics.com

www.globalgraphics.com/software

Global Graphics Software Inc.
 5996 Clark Center Avenue
 Sarasota, FL 34238
 United States of America
 Tel: +1 (941)925-1303

Global Graphics Software Ltd
 Building 2030
 Camboume Business Park
 Camboume, Cambridge
 CB23 6DW UK
 Tel: +44 (0)1954 283100

Global Graphics KK
 610 AIOS Nagatacho Bldg.
 2-17-17 Nagatacho, Chiyoda-ku,
 Tokyo 100-0014
 Japan
 Tel: +81-3-6273-3740