*Print*Express *4*

The Industry-Standard Solution For Enterprise Pre-Press Environments

Right now, publishing professionals across the world rely on PrintExpress. Enterprises are benefiting from scalable managed workflows running from newsroom to press, meeting their specific needs, for all print media formats.

PrintExpress' powerful, multi-layered tools make seemingly impossible tasks a simple reality from single site operations to trans-global enterprises. Proven Client-Server architecture provides the security needed for both the rapid, reliable centralised Server applications and the Cloud-Ready Clients they can access anytime, anywhere.

PrintExpress is modular, so you can build the workflow you want today, safe in the reassurance that your systems can grow with you to fit your future operations with ease.

Benefits

- Reduce your ink costs by up to 30% using Ink Optimisation
- Save up to a further 20% in ink costs and improve print quality using DM Screening
- Reduce waste during press start-up by implementing Ink Pre-setting
- Cut costs by filtering out unchanged plates from colour sets with Plate Saver
- More effective use of resources with automatic load balancing, prioritisation and routing to RIPs, CtP and proofers anywhere
- Cloud and VMware friendly for deployment in virtual environments

Features

- Automated planning and production from newsroom to press
- Fast n-up TIFF imposition extends deadlines making last minute changes effortless
- Latest high-performance Adobe RIP technology
- n-up PDF imposition to reduce transmission times to remote print facilities where local press curves can be applied during RIP process
- Press compensation option to enhance colour register and cut press start-up times
- Available on Windows Server and Solaris operating systems with hi-availability options

Module Overview

Assembler (Core)
Imposition of plate furniture and annotations

Bitmap Spooler (Core)
Control flow of bitmaps with approval, thumbnail display, load balance, prioritisation and routing. Includes spooler to spooler direct transmission across WAN/Internet

Import (Core)
Interface for Postscript, PDF and 1-bit TIFF file import through 'hot folders' or direct from application via TCP/IP print

Output (Core)
Drive CtF/CtP devices directly with error detection

PDF Spooler (Core)
Control flow of postscript or PDF data with approval, thumbnail display, load balance, prioritisation and routing. Includes spooler to spooler direct transmission across WAN/Internet

RIP (Core)
Latest high-performance Adobe RIP technology with full PDF support

Cluster (Option)
Turns PrintExpress into a self-contained virtual environment where modules can be moved between physical hosts as required or when a physical server fails

ColourProof (Option)
Output press quality bitmaps to network proofing devices

DM Screening (Option)
Potential ink savings of 20% with improved dot control across seperations for incredible detail

Ink Optimiser (Option)
Integral component of RIP introducing significant ink savings of up to 30%

Imposer (Option)
n-up imposition engine for PDF and TIFF workflows and now includes 3Volution™. Add plate furniture, colour bars and annotations automatically

Ink Presets (Option)
Generate ink coverage information for press control systems to reduce start-up waste

Output Sorter (Option)
CMYK plates are output in any operator specified order. i.e MYCK

PDF Export (Option)
Exports postscript and PDF data

Planner (Option)
Accepts front-end and press plans for complete system automation

Plate Saver (Option)
Prevents duplication of plates when image data on only one of a colour set has been modified, often the text plate

Press Correction (Option)
Various registration correction methods including web growth/fan out and image movement - applied on-the-fly

Press Manager (Option)
Press correction and plate annotation for non-automated press workflows

Production Monitor (Option)
Dynamic display of current production status

SoftProof (Option)
Review ICC corrected bitmaps on screen at press resolution

TIF Export (Option)
Creates 1-bit TIFF files compatible with other workflows and proofing solutions

Tracker (Option)
Can track production on single or multi-site systems with automated reporting and customisable content

Web Proofing (Option)
Customer facing soft proof server with on screen ICC corrected bitmaps at press resolution

Platform Requirements

Solaris Platform

Solaris 10 or 11
Oracle Sparc or x64 CPUs
8GB RAM

Windows Platform

Windows Server 2008\R2\2012
AMD Opteron\Intel Xeon mutli-core CPUs
8GB RAM

Clients available for the following

Mac OSX v10.5 or later
Solaris with JRE v1.6
Windows with JRE v1.6