CHEMISTRY™
POWERED BY SOLIMAR

hp SmartStream Partner
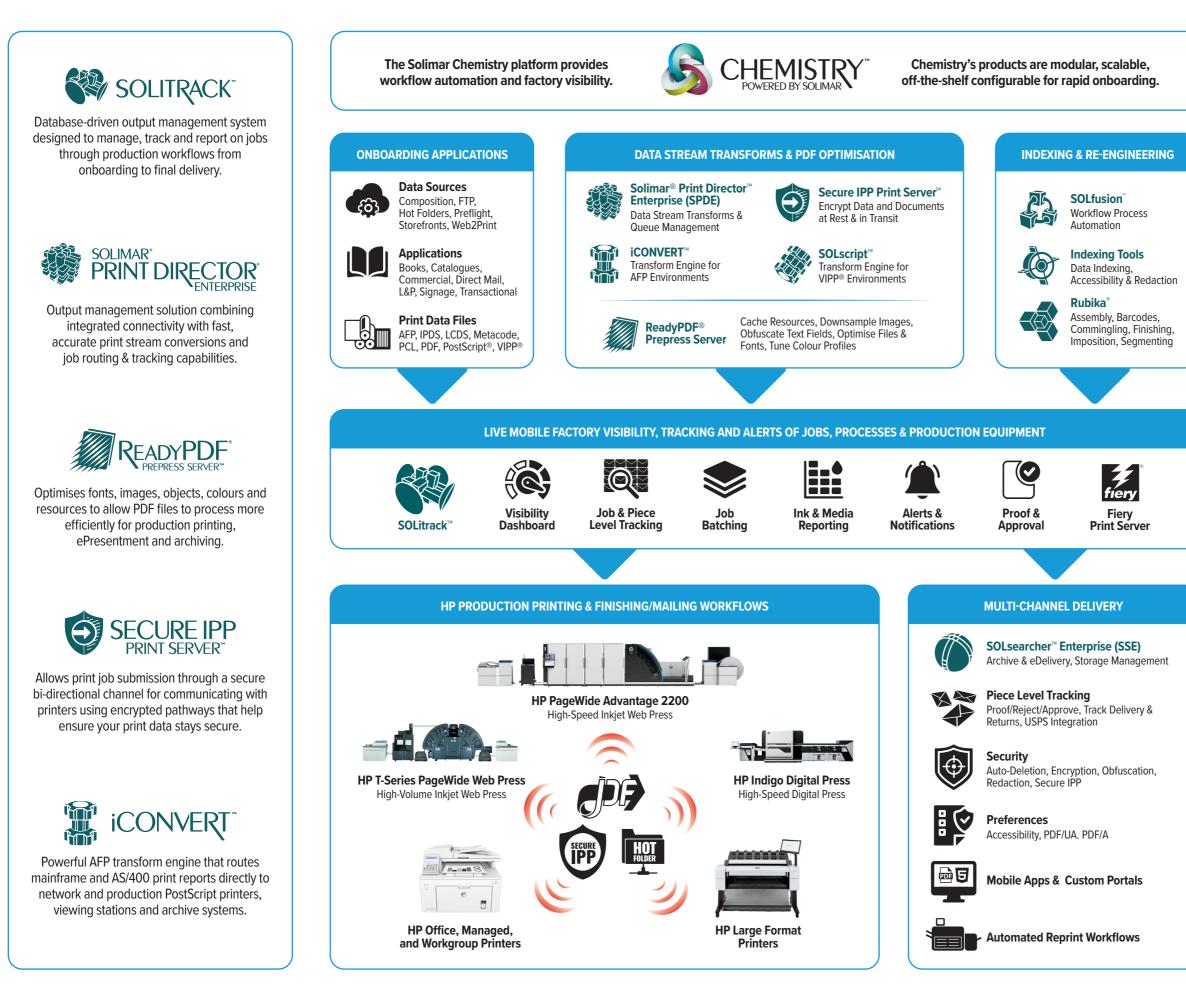
Print Optimisation and Workflow Automation for Driving HP Production Presses

HP PageWide Inkjet Web Presses, HP Indigo Digital Presses,
HP Office Printers & Large Format Printers

HALL 1

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HUNKELER
INNOVATIONDAYS
February 24 – 27, 2025 in Lucerne, Switzerland

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Harmonise Your Print & Mail Factories with Chemistry™ Platform Solutions

SOLITRACK™

Database-driven output management system designed to manage, track and report on jobs through production workflows from onboarding to final delivery.

SOLIMAR® PRINT DIRECTOR® ENTERPRISE

Output management solution combining integrated connectivity with fast, accurate print stream conversions and job routing & tracking capabilities.

READYPDF® PREPRESS SERVER™

Optimises fonts, images, objects, colours and resources to allow PDF files to process more efficiently for production printing, ePresentment and archiving.

SECURE IPP PRINT SERVER™

Allows print job submission through a secure bi-directional channel for communicating with printers using encrypted pathways that help ensure your print data stays secure.

iCONVERT™

Powerful AFP transform engine that routes mainframe and AS/400 print reports directly to network and production PostScript printers, viewing stations and archive systems.

The Solimar Chemistry platform provides workflow automation and factory visibility.

CHEMISTRY™
POWERED BY SOLIMAR

Chemistry's products are modular, scalable, off-the-shelf configurable for rapid onboarding.

ONBOARDING APPLICATIONS

Data Sources
Composition, FTP, Hot Folders, Preflight, Storefronts, Web2Print

Applications
Books, Catalogues, Commercial, Direct Mail, L&P, Signage, Transactional

Print Data Files
AFP, IPDS, LCDS, Metacode, PCL, PDF, PostScript®, VIPP®

DATA STREAM TRANSFORMS & PDF OPTIMISATION

Solimar® Print Director™ Enterprise (SPDE)
Data Stream Transforms & Queue Management

Secure IPP Print Server™
Encrypt Data and Documents at Rest & in Transit

iCONVERT™
Transform Engine for AFP Environments

SOLscript™
Transform Engine for VIPP® Environments

ReadyPDF® Prepress Server
Cache Resources, Downsample Images, Obfuscate Text Fields, Optimise Files & Fonts, Tune Colour Profiles

INDEXING & RE-ENGINEERING

SOLfusion™
Workflow Process Automation

Indexing Tools
Data Indexing, Accessibility & Redaction

Rubika®
Assembly, Barcodes, Commingling, Finishing, Imposition, Segmenting

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LIVE MOBILE FACTORY VISIBILITY, TRACKING AND ALERTS OF JOBS, PROCESSES & PRODUCTION EQUIPMENT

SOLitrack™

Visibility Dashboard

Job & Piece Level Tracking

Job Batching

Ink & Media Reporting

Alerts & Notifications

Proof & Approval

Fiery Print Server

HP PRODUCTION PRINTING & FINISHING/MAILING WORKFLOWS

HP PageWide Advantage 2200
High-Speed Inkjet Web Press

HP T-Series PageWide Web Press
High-Volume Inkjet Web Press

HP Indigo Digital Press
High-Speed Digital Press

HP Office, Managed, and Workgroup Printers

HP Large Format Printers

MULTI-CHANNEL DELIVERY

SOLsearcher™ Enterprise (SSE)
Archive & eDelivery, Storage Management

Piece Level Tracking
Proof/Reject/Approve, Track Delivery & Returns, USPS Integration

Security
Auto-Deletion, Encryption, Obfuscation, Redaction, Secure IPP

Preferences
Accessibility, PDF/UA, PDF/A

Mobile Apps & Custom Portals

Automated Reprint Workflows

SOLFUSION™

Automates production tasks such as external processes & scripts, indexing PDF documents, and executing Rubika configurations.

RUBIKA

Post-composition re-engineering solution to automate manual processes, enable postal savings, add value to documents, and dynamically modify print data.
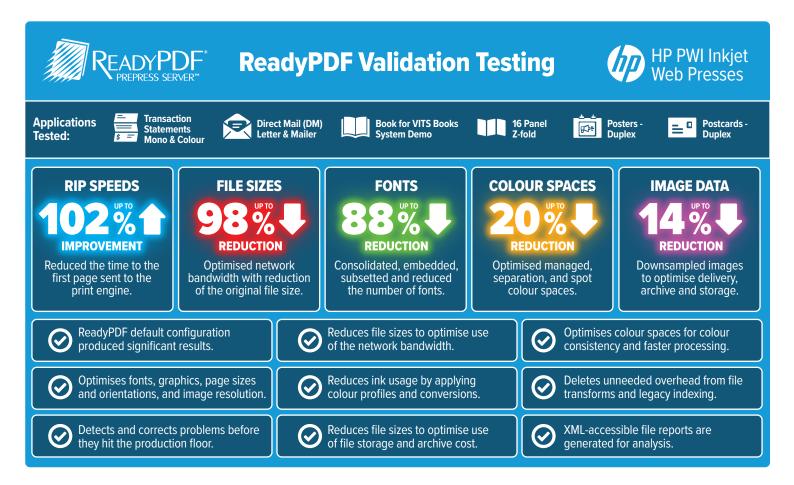
SOLSEARCHER ENTERPRISE

ePresentment & archive solution designed to index, store, search and retrieve large collections of transactional and scanned documents.

SOLIMAR® INDEXING TOOLS

Powerful PDF indexing tools to design, test and manage indexing templates for data extraction, accessibility tagging & redaction.

SOLSCRIPT™

Emulates and optimises Xerox VIPP® software, extending the reach of VIPP applications to virtually all types and brands of production printers and archive systems.

ReadyPDF Validation Testing

ReadyPDF PREPRESS SERVER™

HP PWI Inkjet Web Presses

Applications Tested:
- Transaction Statements Mono & Colour
- Direct Mail (DM) Letter & Mailer
- Book for VITS Books System Demo
- 16 Panel Z-fold
- Posters - Duplex
- Postcards - Duplex

RIP SPEEDS
102% UP TO ⬆
IMPROVEMENT
Reduced the time to the first page sent to the print engine.

FILE SIZES
98% UP TO ⬇
REDUCTION
Optimised network bandwidth with reduction of the original file size.

FONTS
88% UP TO ⬇
REDUCTION
Consolidated, embedded, subsetted and reduced the number of fonts.

COLOUR SPACES
20% UP TO ⬇
REDUCTION
Optimised managed, separation, and spot colour spaces.

IMAGE DATA
14% UP TO ⬇
REDUCTION
Downsampled images to optimise delivery, archive and storage.

- ✓ ReadyPDF default configuration produced significant results.
- ✓ Reduces file sizes to optimise use of the network bandwidth.
- ✓ Optimises colour spaces for colour consistency and faster processing.
- ✓ Optimises fonts, graphics, page sizes and orientations, and image resolution.
- ✓ Reduces ink usage by applying colour profiles and conversions.
- ✓ Deletes unneeded overhead from file transforms and legacy indexing.
- ✓ Detects and corrects problems before they hit the production floor.
- ✓ Reduces file sizes to optimise use of file storage and archive cost.
- ✓ XML-accessible file reports are generated for analysis.

Team Solimar Offers:

Online demos of our solution suite & capabilities

File testing of AFP, IPDS, Metacode, PCL, PDF, PostScript & VIPP®

On-site assessments & evaluation systems

CHEMISTRY POWERED BY SOLIMAR™
Modular off-the-shelf configurable solutions with intuitive user interfaces

SOLIMAR UNIVERSITY ONLINE™
24/7 on-demand training content.
Register today at: suo.solimarsystems.com

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