



# Chemistry™

## Empowering Critical Communications

Chemistry™ provides enterprise workflow tools that enable organisations to achieve visibility, accessibility and mobility into their entire operation.



## PRODUCTION PRINT MANAGEMENT & MOBILE JOB TRACKING

# Gain Visibility, Accessibility & Mobility into Your Operation

Need to know exactly what is happening on the production floor? Are you ready for a real-time view of all your jobs and operations? Call Solimar. Solimar's customisable and modular solutions provide workflow visibility, and increased productivity all while lowering IT costs. Below are some of the our solution features:

- SLA Monitoring/Load Balancing
- PDL Conversion/Optimisation
- Data Indexing
- Document Re-engineering
- Dynamic Messaging
- Book Blocks
- Householding
- Job Batching/Combine Like Work
- Resource Caching
- Enterprise Print Management
- Job / Piece Level Tracking
- Alerts & Notifications
- JDF/JMF Integration
- Bi-directional/DFE Communication
- Performance Metrics
- Reports & Reporting

## CONTROL YOUR ADF WORKFLOW

Designed to manage high volume transactional printing workflows, Solimar solutions provide a number of features that simplify job routing, security, print status, and accounting in production data centres and distributed print environments all from a web-based interface. Solimar also enables monitoring of printer activity for jobs not directly managed by the system. For companies with large deployments of distributed printers this provides for a centralised method to monitor printer activity for management, productivity and billing activities. This reporting and centralised monitoring of printers and output devices is a key component to Automated Document Factory (ADF) workflows.



## OUTPUT MANAGEMENT & PDL CONVERSION/OPTIMISATION

# We Speak Your Language to Support Multi-Channel Delivery

Solimar solutions dynamically transform and optimise any incoming print data for use with your network desktop and production PostScript printers, viewing stations, and archival systems. Solimar's unique print server technology enables communication with your host systems, and emulates all types and brands of workgroup and production printers allowing data to be spooled and routed for use throughout your enterprise. By converting to common print languages, you remove the limitations of certain datastreams, and maximise existing infrastructure giving you a true 'Any-to-Any' production print environment.

| INCOMING PDLs | OUTGOING PDLs |      |      |     |     |    |      |     |
|---------------|---------------|------|------|-----|-----|----|------|-----|
|               | HTML5         | IPDS | META | PCL | PDF | PS | TIFF | XML |
| AFPDS         | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| IPDS          | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| LCDS/META     | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| LINE DATA     | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| PCL           | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| PDF           | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| PS            | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| TIFF          | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |
| VIPP®         | ✓             | ✓    | ✓    | ✓   | ✓   | ✓  | ✓    | ✓   |

## MANAGE PRINT THROUGHOUT YOUR ENTERPRISE

In addition to industry-leading transforms, Solimar offers a broad range of output and queue management features enabling organisations to gain total control of their print data. From a secure user interface, operators can monitor and control print queues and jobs, modify processing rules, reorder and move jobs, handle reprints and interventions, preview PDF files, and more. Either run as a Windows® service, or as a stand-alone system, Solimar provides centralised print queue management solutions for any production environment.

## PROCESS AUTOMATION

# Workflow & Automation at Your Fingertips

Solimar offers powerful centralised workflow applications that allows users to stage and sequence tasks needed to produce desired output. Designed to complement and integrate with other products from Solimar Systems, these software products provide a comprehensive suite of "middleware" that work together to provide control and management of high volume production print environments. Supported tasks include executing external processes and scripts, indexing of PDF documents and running other Solimar workflow configurations.

## RAPID ONBOARDING AND WORKFLOW DESIGN

Quickly design and implement workflows to rapidly onboard clients and applications into your production environment. Our solutions make it easy for beginners and power-users to develop complex workflows to satisfy any operation. Several benefits include:

- Templatised Workflows
- Empower Global Development
- Streamline Support Efforts
- Collaboration
- Leverage Managed IT Services
- Data & Document Retention
- Business Continuity
- Populate Management Dashboards
- Ensure Security & Compliance
- Increase Operational Efficiencies
- Lower Implementation Costs
- Provide Centralised Corporate Knowledge



## DOCUMENT INDEXING & RE-ENGINEERING

# Just-in-time Data & Documents with Post-Composition

Solimar offers powerful data indexing solutions to free up your transactional data to be modified and reused throughout your White Paper Workflow and ADF production environment. At the post-composition stage, data is indexed and extracted via conditional rules and templates, and can then be used in a variety of ways including feeding 3rd party applications and workflows, postal cleansing and mail tracking software, transpromotional and marketing initiatives, and much more.

### RE-ENGINEERING SAVE TIME AND MONEY!

By eliminating the need to recode the original application, Solimar solutions enable organisations to realise significant cost and time savings. Some benefits include:



#### POSTAL SAVINGS

- Cleanse & Pre-sorting
- Document Consolidation
- Pull Undeliverables
- Combine Print Runs
- Rolling Queues



#### LOWER PRINT/PACKAGING COSTS

- Householding
- Commingling
- Print/Envelope Suppression
- Simplex to Duplex
- Multiple-up Printing



#### ADD VALUE TO DOCUMENTS

- Migration to Colour
- Add Conditional Messaging
- Apply Dynamic Digital Inserts
- Add or Change Barcodes
- Mask Sensitive Information
- Add Sequence Numbers



#### TIME SAVINGS

- Automate Manual Processes
- No Recoding Applications
- Segment Documents Logically
- Modify Data at Run Time
- Automated Reprints
- Data Import/Export

**RUBIKA****SOLIMAR**  
**INDEXING**  
TOOLS

# CHEMISTRY™ AUTOMATES, OPTIMISES & DRIVES WHITE PAPER FACTORIES



## ONBOARDING & WORKFLOW PROCESS AUTOMATION

- Data Sources
- Print Languages
- Application Onboarding
- Automated Processes



## VISIBILITY, CUSTOMISED REPORTING & MOBILE JOB TRACKING

- Alerts & Notices
- JDF/JMF Integration
- Bi-Directional Communication
- DFE Communication
- Performance Metrics
- Web Portals



## JOB ASSEMBLY, PRIORITISATION & SLA SCHEDULING

- Book Blocks
- Job Batching, Householding
- Resource Caching
- SLA-Based Aggregation



## POST-COMPOSITION OPTIMISATION & ENHANCEMENT

- Print Transforms
- Data Optimisation
- Data Indexing
- Document Re-engineering



## PRODUCTION PRINT & FINISHING WORKFLOWS

- High-Speed Colour Inkjet Presses
- Cut-Sheet Printers
- Continuous-Feed Printers
- Inserters & Finishing Equipment
- Automated Reprints



## ELECTRONIC DELIVERY WORKFLOWS

- eDelivery - PDF & HTML5
- Secure Archive & Presentment
- Mobile Content Delivery
- Messaging with AR Experiences
- Accessible Documents



## INCOMING DATA & APPLICATIONS



### Data Sources

Direct Channel, FTP, sFTP,  
Shopping Cart, Storefront



### Print Languages

AFP/IPDS, LCDS, Metacode,  
PCL, PDF, PostScript, VIPP®



### Applications

Catalogs, Books, Labels,  
POD, Transactional



### 3rd Party Tools

Preflight, Transforms,  
Composition, Workflow

SOLITRACK, SOLIMAR PRINT DIRECTOR ENTERPRISE (SPDE), SOLFUSION



## POST-COMPOSITION



### Print Transforms

Conversion to support  
PDF print workflows

SPDE, iCONVERT, SOLSCRIPT



### Data Optimisation

Optimised data for printers  
to run at rated speed

SOLIMAR PRINT DIRECTOR ENTERPRISE (SPDE)



### Data Indexing

Redaction, Accessibility, and data  
extraction for external processes

SOLIMAR INDEXING TOOLS

## RUBIKA - DOCUMENT RE-ENGINEERING



2-up | N-up



Barcode Reader



Finishing



N to 1



Accounting | Tracking



Book Block



Import | Export



Overlay | Underlay



Address Cleanse



Commingle



Imposition



Page-Piece



Annotation Stripper



Concatenation



Insert



Rename



Archive Assistant



Delete



Mask



Rotate | Scale | Shift



Assemble



DPM Finishing



Merge



Sort



Barcode



Encryption



Messaging



Split | Segment



## PRODUCTION PRINT & eDELIVERY



### Color Inkjet Presses, Cut-Sheet & Continuous-Feed Printers

IPDS, Metacode, PCL, PDF, PostScript

SOLITRACK, SPDE



### Inserters & Finishing

Automated Reprints,  
Camera Integrity Systems

SOLITRACK, RUBIKA, SSE



PDF  
HTML5

### Multi-Channel Delivery

Secure Archive, Compliance,  
Preferences, and Call Centers

SOLSEARCHER ENTERPRISE (SSE)

See Chemistry™ in action – Call +1.619.849.2800 for a free demo today.

## WEB PRESENTMENT & SECURE ARCHIVE

# Share Your Data, Documents & Messaging Worldwide

Managing the distribution and retrieval of high-volume transactional documents has never been easier. Solimar's web presentment and secure archiving solution specifically addresses a number of challenges faced by organisations needing to distribute communications via documents.

### ACCESS YOUR DOCUMENTS INSTANTLY AND SECURELY VIA THE WEB

Designed to complement or replace existing print processes and accelerate decision making, our solution allows clients to effectively index, store, search and retrieve large collections of transactional and scanned documents, and securely access them instantly via the Web. In addition, its unique email notification system streamlines the distribution of information by informing users when a requested report is available. Ideal for B2B and B2C environments, Solimar offers clients an integrated Enterprise Report Management solution.

#### FEATURES

- Dynamic Presentment in PDF or HTML5
- Customisable Inbox
- Email Report Notification
- N-Tiered Architecture
- Highly Scalable and Secure
- Familiar Browser-based GUI
- Centralised System Administration
- Export Data to .CSV
- Document Assembly
- Annotation Module
- Supports Unicode (double-byte) fonts

#### BENEFITS

- Optimised for mobile and device intended
- Advanced Search and Data Mining
- 100% Document Fidelity
- Electronic Report Distribution
- Leverage Existing Infrastructure
- Web-Access Reports Worldwide
- Rapid ROI, Low TCO
- Easy to Deploy and Manage
- Web Services Integration
- Vendor Neutral Storage
- Fully Globalised



## INDEXING TOOLS & RESOURCE CREATION

# Powerful Desktop Tools for Indexing & Resource Creation

Solimar solutions allow users to visually create and define indexing templates to identify information in a PDF document to be indexed. These templates use a series of data qualification and conditional processing rules to target and extract data indexes for use with other Solimar solutions for re-engineering and archiving, or to feed other external workflow processes.

Solimar's powerful indexing tools allow transactional documents, such as statements, EOBs, and bills, to be indexed and the data contained in these documents can be marked for redaction to dynamically remove the content with automated and templatised indexing workflows. In addition, the data can be targeted and tagged for ingestion into user-accessible technologies that help organisations meet their compliance initiatives.

## CREATING YOUR XEROX RESOURCES HAS NEVER BEEN EASIER

Solimar's powerful solutions create Xerox FRM overlays, IMG resources from a single PDF file. Solimar allows you to develop these resources by creating custom printer definitions to apply to an existing PDF file for output to IMG and/or FRM overlays.

These tools greatly simplify the task of maintaining and creating IMGs and electronic FRM overlays for Xerox environments. Outputting standard Xerox resources, IMGs and FRMs can be uploaded to Xerox Metacode printers or Solimar's print management solutions where new resources can be used for printing Xerox applications on PCL, IPDS, LPS, EPS and PostScript printers.



**ACCESSIBILITY**  
ENGINE



**REDACTION**  
ENGINE



**XIMAGEpdf™**

## PROFESSIONAL SERVICES

# Designing Solutions to Harmonise Disparate Environments

Solimar products are customer installable and configurable, but we do offer on-site custom installations, configuration and training for all Solimar solutions. Solimar technicians can provide on-site expertise in host systems and printer communications, data and document optimisations for printing, eDelivery and more.

## PRE-SALES SUPPORT

The Solimar Sales Support Team works with customers and resellers and offers the following services:



### WEB PRESENTATIONS

Meet us live - online! Let us show you the many benefits and features of Solimar solutions and how these can greatly enhance and impact your company's infrastructure and profitability.



### CUSTOM CONFIGURATIONS

Let us show you how Solimar solutions uniquely address virtually all network, midrange, and mainframe print requirements including physical connectivity, data stream transforms, and job management.



### FILE TESTING & PROOF OF CONCEPT

Go for a test drive! Let us test some of your applications and demonstrate to you the power and flexibility of Solimar solutions.



## ON-SITE ASSESSMENTS & ALL-SHORE TRAINING

# Get Hands-on Experience & Learn From Our Experts

Whether on-site or online, let our experts show you how Solimar solutions can benefit your organisation. Our structured and customised training courses show you first-hand how our solution suites can introduce automation into your production environment, slash your operational and postal costs, and maximise the efficiency of your existing infrastructure.

### **TRAIN ONLINE OR COME SEE US IN SAN DIEGO**

Solimar University can be accessed through our online training portal, or by visiting our corporate headquarters in San Diego, California and offers training courses for users and distributors of Solimar products. The classes benefit organisations with basic to complex printing, online viewing, and archiving environments. Students receive hands-on experience building and testing configurations and print queue management optimization.

### **SEE THE POWER OF SOLIMAR SOLUTIONS WITH OUR SOLIMARSHORTS™**

Solimar Systems has developed a series of focused informational videos that cover many of the hot topics that our industry faces. In topical segments, each SolimarShorts™ give a quick glimpse into the power of Solimar's suite of solutions, new features, and tips and techniques on how organisations can realise significant cost savings, operational efficiencies, added value to existing applications, TransPromotional implementation, and other workflow optimisation opportunities.

### **SOLIMAR TECHNICAL ASSESSMENT AND REVIEW (STAR) ONSITE ASSESSMENTS**

Performed by professional Solimar product specialists, the STAR program offers organisations an opportunity to receive a personalised annual site configuration review designed to help optimise business processes and improve workflows. To learn more about the STAR program, or to schedule an onsite assessment, please contact your Solimar Account Manager at +1.619.849.2800.

# THE SOLIMAR CHEMISTRY™ PLATFORM

Chemistry™ is the integrated platform for all Solimar product suites. Our solutions provide workflow efficiencies, drive and optimise production colour printing and add value to documents with customised messaging including digital inserts, onserts and Augmented Reality!



**CHEMISTRY™**  
POWERED BY SOLIMAR



**SOLIMAR  
PRINT DIRECTOR™**  
ENTERPRISE

Client-server-based output management solution combining integrated connectivity with fast, accurate print stream conversions, and powerful job routing/tracking capabilities.



**SOLITRACK™**

Database-centric job management system with a web-based interface to drive printers and control Solimar systems to track and monitor job security, routing and device statuses.



**RUBIKA®**

Modular post-composition document re-engineering solution that can be configured to automate manual processes, enable postal savings, add value to documents, and dynamically modify print data.



**SOLFUSION™**

Automates output production tasks to support business-critical processes such as external processes & scripts, indexing PDF documents, and executing Rubika® configurations.



**SOLIMAR  
INDEXING  
TOOLS**

Powerful PDF indexing tools that provide methods to quickly design, test and manage indexing templates for data extraction. Works as stand-alone product or with SOLsearcher™ and Rubika®.



**SOLSEARCHER™**  
ENTERPRISE

Scalable and secure electronic document delivery solution that enables organisations to index, store, search and retrieve large collections of transactional and scanned documents.

## ABOUT SOLIMAR SYSTEMS, INC.

Solimar Systems is a leading developer of Customer Communication Management and Delivery solutions. Our solutions provide clients visibility into their workflows and operations while driving costs down; track the lifecycle of jobs from receipt to multi-channel distribution; optimise and convert data and documents; manage and optimise production printing across facilities and enable secure access and compliance. We also drive value and revenue generating opportunities by adding dynamic, conditional messaging to documents via digital inserts, onserts and augmented reality (AR) experiences. With thousands of clients worldwide, including 70% of the Fortune 100, Solimar has integral, proven IT solutions that have benefited print and data centres for more than 25 years.

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