

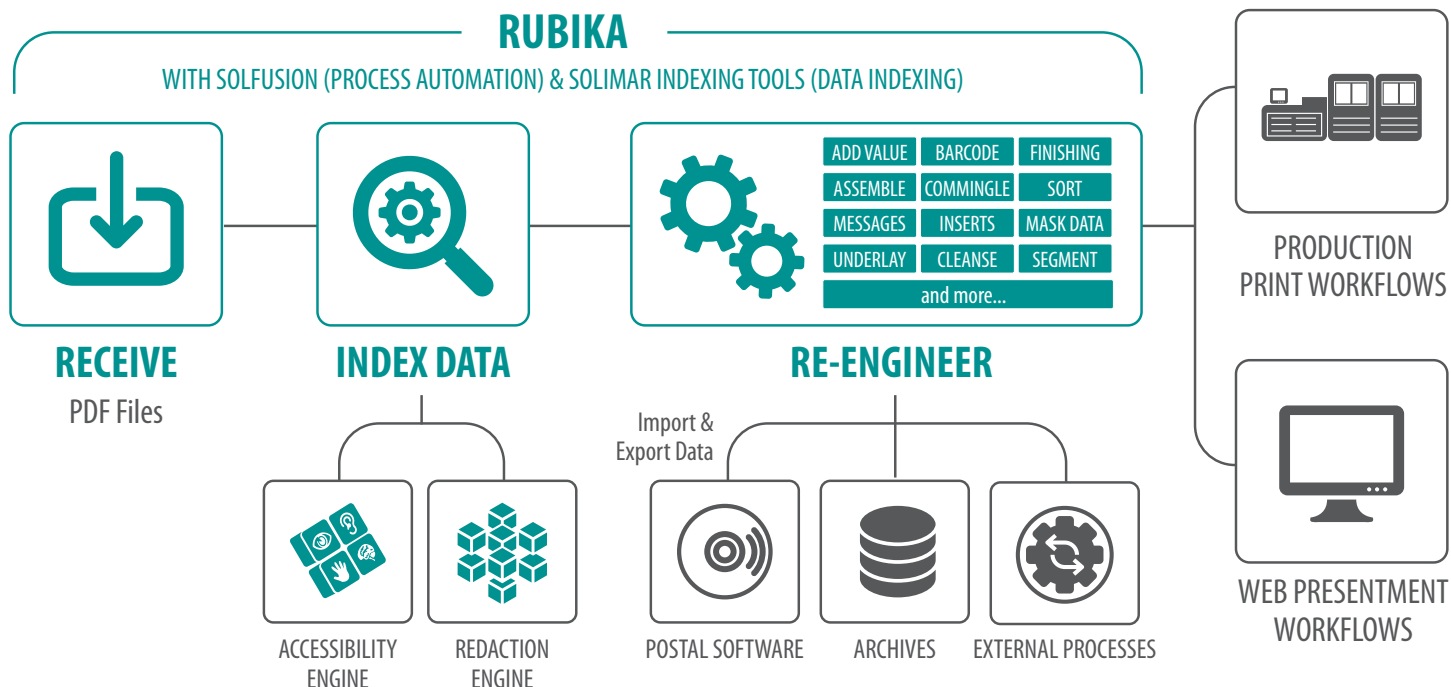
# POST-COMPOSITION WORKFLOW SOLUTION EMPOWERS YOUR DOCUMENTS



CHEMISTRY™ CUSTOMER COMMUNICATIONS  
MANAGEMENT PLATFORM.  
**POWERED BY SOLIMAR™**

# RUBIKA® – POWERFUL POST-COMPOSITION SOLUTION

The need for document print centres to be more productive and efficient while managing production schedules drives smart IT managers to Solimar. Solimar provides a unique post-composition document re-engineering solution specially designed to automate manual processes, maximise postal savings, and enhance print data. Unlike other solutions, which rely on custom programming, Rubika requires no coding at the application level and provides an intuitive user interface to rapidly implement production changes. Rubika is used to solve a variety of challenges and can be configured in many different ways to increase efficiencies and profitability.



Most existing legacy applications are under utilised in their capacity to more effectively communicate with its customers. By adding value to these documents, companies can quickly realise significant improvements in many facets of their business. For example, by sorting into proper postal order and adding appropriate barcodes, mail costs are reduced. When confidential information is masked, there is a lower likelihood of identity theft. Rubika enables you to quickly and easily add value to your critical customer facing documents. With an intuitive user interface, there is no complex programming required to quickly and cost effectively enjoy the benefits of TransPromotional communications.

## DOCUMENT RE-ENGINEERING BENEFITS

### ADDING VALUE TO DOCUMENTS

- TransPromotional marketing messages
- Tagging content for accessibility
- Dynamic data redaction
- Digital inserts
- Pre-printed stock replication
- B&W to colour migration
- Augmented Reality (AR) experiences
- Update and add finishing controls

### GAINING POSTAL SAVINGS

- Address cleansing and sorting
- Intelligent Mail Barcode (IMB)
- Householding
- N-up output for reduced mail piece weight
- Support pull lists
- Segment output for hardcopy vs. e-delivery

### MAXIMISING EQUIPMENT EFFICIENCIES

- Add, replace or update barcodes, QR codes
- Segment output
- Optimise output for finishers, inserters and printers

### ENHANCING PRODUCTION CONTROLS

- Support Automated Document Factory (ADF)
- Facilitate job and piece level tracking
- Supports automated and manual reprint processes
- Service Level Agreement (SLA) monitoring systems

### INCREASING PROFITABILITY

- Improve developer efficiency by 20-50%
- Faster on boarding of new applications
- Support compliance initiatives
- Automate manual tasks
- Change print data without host application coding

# MAXIMISING THE VALUE OF YOUR CONTENT

## TAGGING FOR ACCESSIBILITY

The Solimar Accessibility Engine supports PDF/UA workflows by enabling organisations to tag transactional documents with accessible elements at the post-composition stage of the production process. Utilising powerful indexing templates, the Accessibility Engine targets and tags data for ingestion into user-accessible technologies.

## ONE-TO-ONE COMMUNICATION

By adding conditional messaging to the document in available white, or open space created by Rubika, ensures the client will see your message - all without re-programming at the application level. . You can also provide an unlimited number of digital inserts based on criteria found within the document that are pertinent to the recipient.

## AUTOMATED REPRINT WORKFLOWS

Machine readable data files can be used to drive finishing and reprint workflows for documents that were damaged in fulfillment. Monochrome applications using pre-printed shells can be sent to full colour devices to produce those documents with the variable information using digital colour overlays.

## DYNAMIC DATA REDACTION

The Solimar Redaction Engine removes sensitive data from transactional documents, maintaining confidentiality, and supporting compliance initiatives. The Redaction Engine removes content with automated and templatised indexing workflows. Content can be completely removed or replaced with text, images, and/or whitespace.

## ADD VALUE TO DOCUMENTS

By adding value to documents, organisations can quickly realise significant improvements in many facets of their business. Document enhancements include: migration to colour, messaging, adding digital inserts, adding or changing barcodes & sequence numbers, masking sensitive information, postal cleanse and sort, and more.

## SECURE WEB PRESENTMENT

Clients can view their documents via the web and receive original or updated messaging as was contained in the mailing. To facilitate cross-media exposure, the content can be augmented with TransPromotional elements including multimedia and video to support marketing campaigns.

**COLOR OVERLAYS & UNDERLAYS**

**OMR/FINISHING**

**BARCODES**

**CUSTOM MESSAGING**

**SEQUENCE NUMBERS**

**POSTAL BARCODES**

**ADDRESS CLEANSE/SORT**

**MASK DATA**

**REDACT DATA**

**INTELLIGENT COLOR COMMANDS**

**DIGITAL INSERTS**

**AUGMENTED REALITY (AR) EXPERIENCES & OFFERS**

**Page 1 of 4**

**solibre®**

**Solibre Corporation Variable Annuity**

Jonathan H. Marshall  
12623 NEWBURGH ROAD  
LIVONIA, MI 48017

PIN NUMBER: 2134  
ANNUITANT: JONATHAN H. MARSHALL  
ANNUITY ADVISOR: Lisa Elizabeth Irwin  
2004 Urban Park C  
Atlanta, GA 38122

**Account Summary**

Value last statement	\$66,380.93	Contract date	5/20/1995
Additions	+750.00	Maturity date	3/15/2020
Withdrawals	-0.00	Surrenders to date	\$0.00
Fees and Charges	-0.00	Value if surrendered	\$65,293.56
Change in market value	+671.31	Charge if surrendered	
Value this statement	\$67,802.24		

**Account Allocations**

Allocation of Current Holdings

Allocation of Current Premium

**FUND NAME**

SC VIP Balanced	Balanced	INVESTMENT OBJECTIVE
SC Small Cap Value	Domestic Equity	30%
SC VIP Growth Opportunities	Domestic Equity-Growth	30%
SC VIP Index 500	Domestic Equity-Growth and Income	10%
SC VIP High Income	Fixed Income	15%

**FREE Drink**

**SCAN AR SOLIMAR**

# RUBIKA DOCUMENT RE-ENGINEERING MODULES



## 2-UP & N-UP

Adjusts the layout of the output data so it is formatted in “N-up” fashion, where multiple logical sheets are arranged to print on one larger physical sheet.



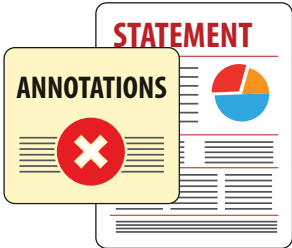
## ACCOUNTING/TRACKING

Creates files containing content descriptions and statistics about the documents. Supports third party archive systems and processes with accounting and tracking data.



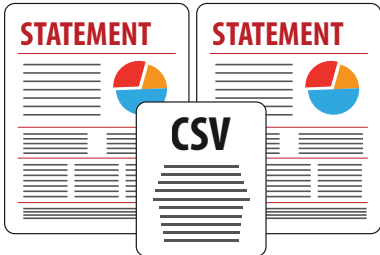
## ADDRESS CLEANSE

Extracts content for sorting/cleansing software, i.e. organises documents into postal order and removes undeliverables for postal savings and increased delivery success.



## ANNOTATION STRIPPER

Selectively removes metadata after it has been used to fulfill processing rules and creates an external file that can be used to control downstream processing rules.



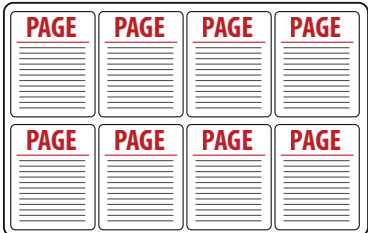
## ASSEMBLE

Assembles multiple PDF files that are listed in a CSV file, and gathers information from the fields and concatenates the PDF files into one output file.



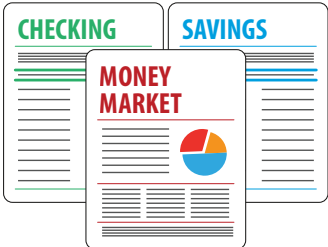
## BARCODE READER

Provides the ability to read barcode content from the output allowing the information from graphical barcodes to be interpreted and indexed.



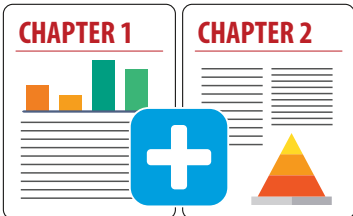
## BOOK BLOCK

Arranges duplicates of a single page image in an “N-up” fashion on an output sheet. Each output sheet contains N duplicates of the same page image.



## COMMINGLE

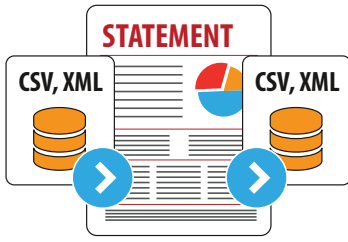
Combine reports by concatenating and sorting disparate types of documents into larger sets of output to maximise zip code saturation for greater postal discounts.



## CONCATENATION

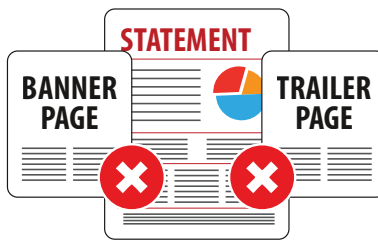
Appends multiple files together, i.e. assembles chapters, combines files, collates reports, and optimises output file size and resource management.

# RUBIKA DOCUMENT RE-ENGINEERING MODULES



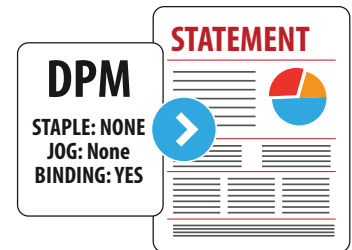
## DATA IMPORT/EXPORT

Content to feed external data manipulation routines can be exported and then updated for use with subsequent Rubika modules or external processes.



## DELETE/REMOVE PAGES

Removes pages with unwanted or outdated information. A common use for this is deleting banner and/or trailer pages from reports that don't need to be printed.



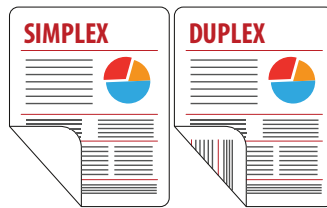
## DPM FINISHING

Packages finishing information inside a PDF file so devices supporting DPMs (Document Part Metadata) can process the PDF directly without the need to convert it.



## ENCRYPTION/DECRYPTION

Encrypts PDF output using 128-bit AES encryption enabling companies to support compliance initiatives where resource and document security is a requirement.



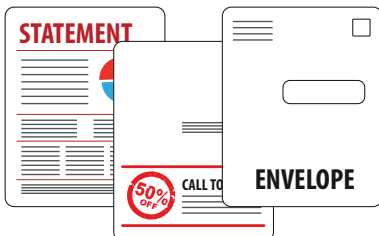
## FINISHING COMMANDS

Inserts finishing commands such as tray selection, plex, stapling, and binding information based on page numbers or indexed page content.



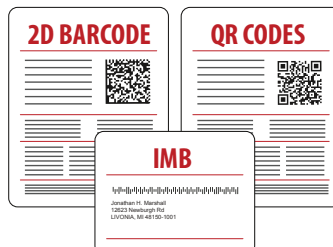
## IMPOSITION

Formats data into book blocks and 2-up sequential or stacked output for multiple-up printing to reduce print costs and support finishing processes.



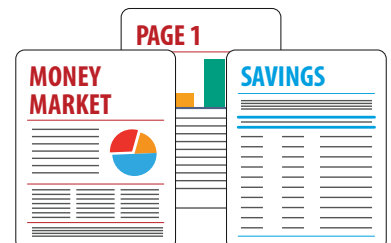
## INSERT PAGES

Enables dynamic page insertion into the output based on the document's content, such as marketing messages, terms and conditions, address sheets, and static inserts.



## MARKING: BARCODE, OMR, TEXT

Adds barcodes, OMR marks, text and messaging, PDF annotations, and coloured rectangles to obscure specified areas on output pages.



## MERGE

Groups similar file information together in the processed output. Eliminates manual tasks and reduces mailing costs by consolidating content into a single envelope.

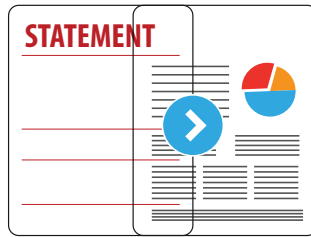


## RUBIKA DOCUMENT RE-ENGINEERING MODULES



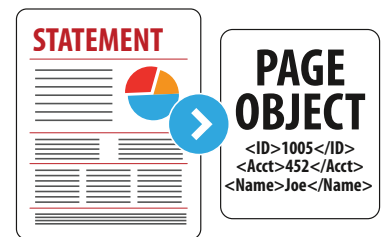
### N TO 1

Reverses the order of the output pages where the output is delivered in descending order – last page is first in the stack, and the first page is last.



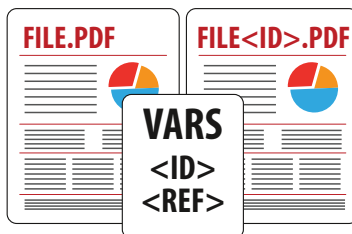
### OVERLAY/UNDERLAY/MASK

Adds forms or graphics, i.e. watermarks, logos, TransPromotional messages, and replicates preprinted stock. Enables masking out sensitive or unwanted information.



### PAGE-PIECE

Generates Page-Piece dictionaries in the Page objects of the PDF files being processed for retrieval by external processes, such as archive systems.



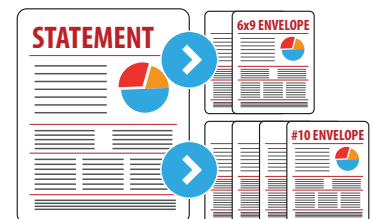
### RENAME

Renames output files based on Rubika variables, functions, or text. Renaming output files with this information supports downstream processing.



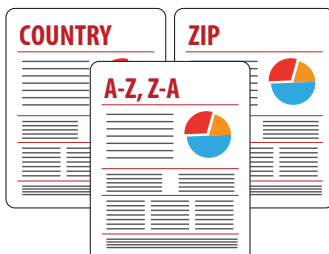
### SCALE/SHIFT/ROTATE

Adjusts the size and position of page by manipulating page images to create room for conditional messages, barcodes, or insertion device control marks and codes.



### SEGMENT/SPLIT

Separates and names reports logically based on document content and sheet counts enabling routing to the nearest and/or most appropriate output device.



### SORT

Streamlines the ability to sort records within a PDF file. Allows Rubika to do the sort directly without having to do an export/import.



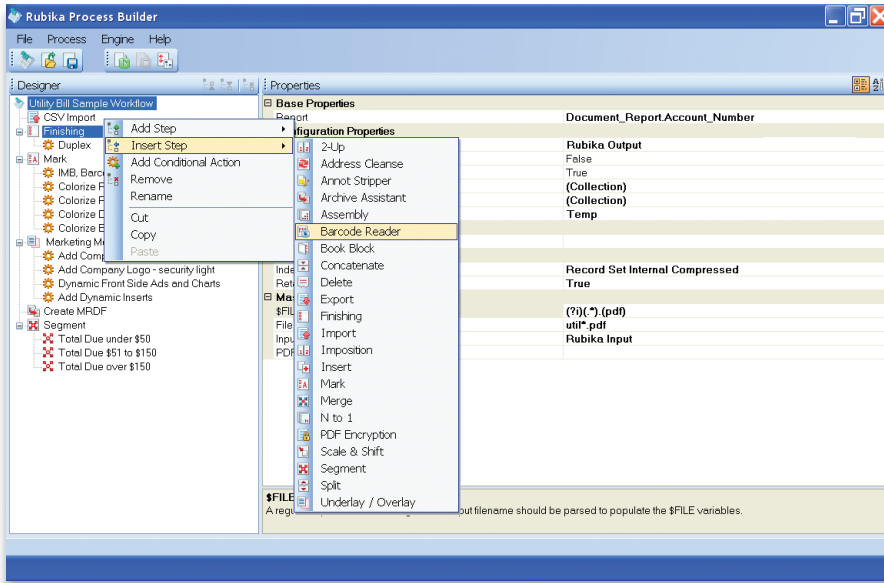
# SOLIMAR

SYSTEMS

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GROWING

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# RUBIKA DOCUMENT RE-ENGINEERING AUTOMATION

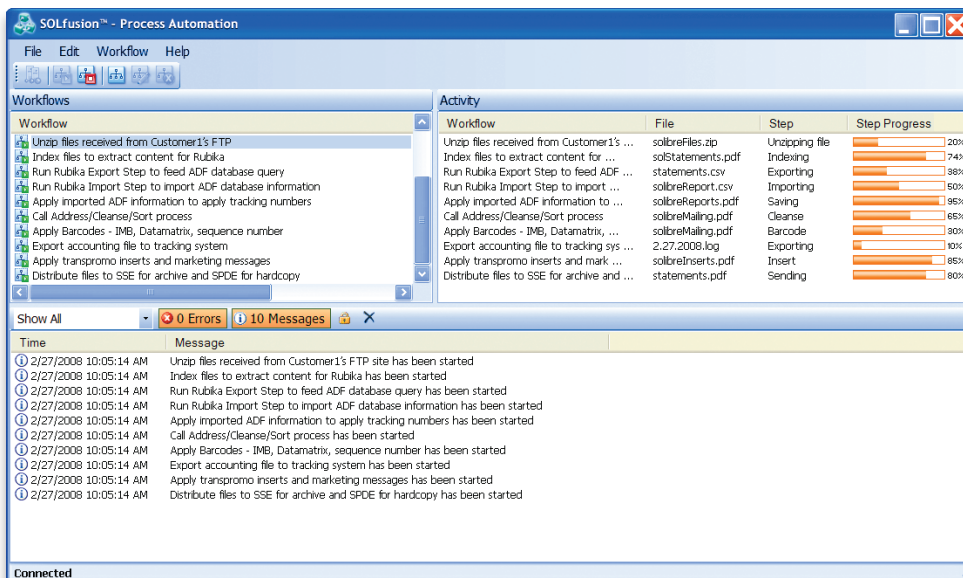
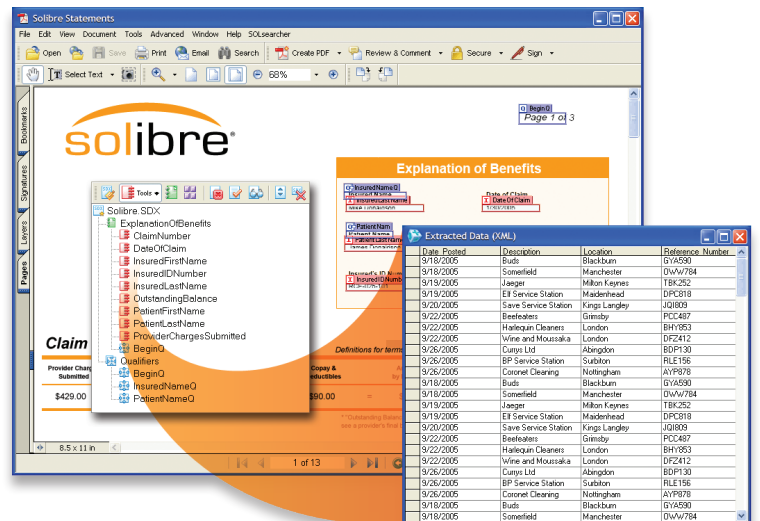


## USER INTERFACE

Rubika is a feature-rich Windows® based re-engineering solution that includes a user-friendly interface to develop custom configurations. Rubika consists of a series of highly configurable modules or steps that can be combined and configured to satisfy a wide range of production requirements. Each module can work independently or in conjunction with other Rubika modules or external processes to create powerful post-composition workflows.

## POWERFUL INDEXING

Solimar's suite of PDF indexing tools provides an easy to use method for rapidly locating relevant information within PDF documents. This suite allows users to develop rule-based indexing parameters that ensure only relevant information is captured. When teamed up with Rubika, the resulting indexes, extracted as XML, can be used to provide advanced PDF manipulation capabilities.



## PROCESS AUTOMATION

SOLfusion is a powerful centralised workflow application designed to complement and integrate with Rubika to allow users to stage and sequence tasks needed to produce desired output such as executing external processes and scripts, indexing of PDF documents and running Rubika Process configurations.

## ENTERPRISE PRINT & DOCUMENT DELIVERY SOLUTIONS

With more than 45,000 products installed in thousands of sites worldwide, Solimar Systems is a leading provider of document delivery solutions for transactional/POD production printing environments and online web presentment.



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.



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



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



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



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®.



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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Regional Sales Manager

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