SimpleCapture

ARTSYL

Self-Learning Data Capture Solution

SimpleCapture is a simple affordable solution for automating information capture from paper-based workflows. It allows an organization to reduce data-entry efforts by 50% or more by automating your data extraction efforts.

SimpleCapture reduces your direct out-of-pocket expenses for manual key entry while simultaneously improves your document processing speed. Anywhere you have paper-based information needing to be entered into business critical applications SimpleCapture will help you save TIME and MONEY!

SimpleCapture provides out-of-the-box data capture capabilities without the need for costly integration and extensive labor force retraining. It reduces the time and cost required to process thousands of forms per month, with an easy-to-install, easy-to-use approach.

Unlike most other data capture products, it **does not require setting up form templates** and can intelligently learn documents on the fly as the operator processes them.

SimpleCapture easily captures incoming paper and electronic documents from your MPFs, desktop and department scanners and fax servers. Users can associate each source with a profile, or document class, for example invoices. The product ships with default profiles for popular document types, such as invoices, purchase orders, bills of lading and many more. Additional custom profiles may also be created, in a Wizard-based mode, without any scripting. It takes minutes and doesn't require training.

SimpleCapture can **automatically cross-validate and reconcile captured results with database lookups and business rules**, for both individual fields and line item table data. Captured documents, data and meta-data can be stored to databases, archival systems, accounting and document management systems, and more.

During document capture, the operator's selections can make the system more intelligent thanks to its self-learning capabilities. The more documents you process, the more intelligent it becomes!

KEY BENEFITS

ACCELERATE BUSINESS PROCESSES

Increase customer satisfaction and capture new business by automating data capture & eliminating manual data entry

TIME SAVING

Reduces document processing time by as much as 80%

QUICK SET UP

Process multiple formats of incoming documents in seconds without complicated templates or expensive programming.

EASY TO OPERATE

Eliminate expensive training that can cost thousand per person and delay benefits.

- Full training for operators takes 1 hour
- Full training for administrators takes 3 hours

SELF-LEARNING CAPABILITY

Increase your cost saving over time with Artsyl's unique **Auto-Find**:

- Automatically learns and locates data fields on invoices and other forms as you work

FAST ROI

Achieve a return on investment in as little as three to four months

NO PAGE LIMIT LICENSE

A range of licensing options that fit any budget and requirements:

- Page-unlimited licenses
- Low-cost versions for small business

MULTIPLE ECM/ERP SYSTEM SUPPORT

Integration with multiple front-end & back-end workflows & applications

Accelerate Data Capture & Reduce Manual Data Entry with Artsyl SimpleCapture.

SimpleCapture is as a desktop solution that provides the entire range of data capture capabilities from image acquisition to document and data export. It scales easy by adding more CPUs, workstations, or upgrading to Artsyl's docAlpha server-based solution to maximize throughput and manageability.

SimpleCapture ships with default profiles for popular document types. Additional profiles may also be created, in a Wizard-based mode, without any scripting required. Powerful reconciliation and cross-validation rules are also all Wizard-based. This product is meant for rapid deployment and fast ROI on capture!

IMAGE ACQUISITION	OCR	CAPTURE	VERIFICATION	EXPORT
Scanner MFP Fax Hot Folder Automation Browse for Images Import Connectors	Full-page OCR Background Mode Multi-CPU Support Image Pre-processing Automatic Documents Separation	Classification Data Extraction Database Lookups Automatic Business Rules	Low-confident Characters Verification Business Rule Error Validation Document Reconciliation	File Database Document Management Systems Accounting Systems Custom Export API Auto-Filing Redaction

IMAGE ACQUISITION

Automatically import various document types from your fax server, MFPs, departmental and production scanners or network. **Hot Folder** Automation provides auto-selection of profile, processing details, export settings and destination based on source image folder. It automates common job types and eliminates extra clicks.

OCR

Full-page OCR automatically recognizes text of incoming documents in dozens of languages. Language auto-detection helps processing bilingual and multilingual documents.

Background Mode and optional **multi-CPU** support make sure that operators do not have to wait for recognition results as they verify the first document, the software is running multiple OCR processes on the background for the following documents.

Image Pre-Processing compensates for scanning and faxing defects and improves of incoming images to maximize OCR accuracy and ease of verification. Provides image de-skew, de-speckle, removing lines with reconstruction of characters and many other filters.

Automatic Document Separation allows automatic batch splitting based on barcodes, patch codes, blank pages and key phrases inside the documents.

FRONT-END CONNECTORS

SimpleCapture provides integration with multiple front-end workflows and applications:

eCopy - Scans to SimpleCapture directly from eCopy panel, with selecting of profile to be applied right on the panel.

Kodak Capture Pro - Allows bringing documents in Tiff, Jpeg or PDF format to SimpleCapture directly from KCP, pre-selecting in KCP a profile (workflow) for SimpleCapture, and passing meta-data from KCP to SimpleCapture.

Sharp MFPs - Scans to SimpleCapture directly from Sharp MFP panel, with selecting of profile to be applied right on the panel.

Kyocera-Mita HyPAS - Scans to SimpleCapture directly from Kyocera MFP panel, with selecting processing options right on the panel.

RightFax - Monitors user's RightFax server account and automatically imports images and associated metadata into SimpleCapture batch.

CAPTURE

Capture of semi-structured documents with no templates to set up (no separate setup per vendor required). Automatic taxonomy generation facilitates automatic vendor classification for seamless self-learning operation.

Captured fields are automatically validated using built-in reconciliations, database lookups and cross-checks, and other business rules to ensure data accuracy. For invoices, for example, every row in a line item table as well as column totals across all pages are automatically cross-validated. Vendors are checked against the back-end databases. Line items in incoming invoices can be automatically reconciled against the outgoing purchase orders, and many more.

Wizard-based setup of all rules and reconciliations allows for quick deployments and minimizes training required. However if deep API-level integrations are required by the customer, the product offers an open .NET API for adding custom rules, reconciliations, custom verification screens and other advanced customization options.

While most data capture applications require templates creation that is time-consuming and expensive, the Auto-Find technology was developed to help clients processing different types of forms from different customers to avoid template creation and get maximum cost savings from using SimpleCapture & docAlpha.

Artsyl's **unique Auto-Find** module automatically learns and locates data fields on invoices and other forms by remembering the operator's mouse clicks during semi-manual, Click-to-Capture™ mode in SimpleCapture, or during exceptions handling by the verification operator in docAlpha. Auto-Find classifies a document the first time it sees it and then keeps learning with each new exposure.

Network Collaboration Module can share the knowledge-base so everything one station learns, becomes readily available for other operators.

VERIFICATION

Operator can use Point-&-Click mode, Low-Confidence Character Verification mode or Business Rules Validation mode to quickly go over the questionable areas.

Point-&-Click capture works out-of-the-box for any structured and unstructured documents, with no pre-set profiles.

Active **Database Lookup** allows an operator to capture one missing field and then fill and validate the rest automatically.

Cursor-Guided Operation optimizes keyboard and mouse use efficiency.

Table Extraction: Column and cell-mode. Just click and drag.

Meta-data auto-capture allows capturing and storing meta-data such as current date, computer name, operator name, original and destination file name, etc.

BACK-END CONNECTORS

SimpleCapture provides integration with multiple back-end workflows and applications:

MOSS 2007 connector - Tight API integration module for storing processed documents, the captured data, including line item details, and associated documents to MS Office SharePoint™ 2007 Server repository.

FileBound connector - Tight API & database-level integration for storing processed documents & indexes into FileBound & FileBound Express DMS.

PaperVision™ & Image Silo™ (Digitech) connector - XML DataGroup Automation-based connector to Digitech ImageSilo™ and PaperVision™ DMS.

SentryFile connector - XML Automation-based connector to SentryFile™ DMS.

DocuWare™ connector - Tight API-level integration for storing processed documents & indexes into DocuWare™ DMS.

LaserRite Laserfiche™ connector - Tight API-level integration for storing processed documents & indexes into Laserfiche™ DMS.

Alchemy™ connector - Tight API-level integration for storing processed documents & indexes into Alchemy™ DMS.

EXPORT

SimpleCapture can store processed images in numerous **file formats** and compressions (TIFF, JPG, PNG, PDF), and store captured indexes in many data file formats (XML, XLS, CSV, TXT).

Captured indexes can be stored to **databases**, either directly or using ODBC or OLE DB drivers. All setup is point-and-click, no scripting required. The product contains built-in data transfer optimization for popular databases, such as Microsoft SQL Server and Oracle.

Tight API-level **back-end connectors** allow storing captured index fields, meta-data and images to back-end document management and accounting packages. Depending on the back-end other options may be available such as initiation of approval/payment workflows.

Full-Text Indexing option allows storing full-page TXT index or a full-page searchable PDF document.

Auto-Filing: Split a single output stream into a system of organized subfolders and documents named automatically based on captured data, metadata or threshold split values.

Redaction module allows automatic background redaction of sensitive information and provides visual confirmation mode for each redacted zone if required.

Open .NET Export API allows creating tight integrations with any specialized customer's back-ends and use them along with the built-in back-end connectors.