

# IRIS Xtract™

*for Documents*

Content to Process Solutions: Forms Processing

A word cloud graphic on a dark blue background. The central focus is the text 'IRIS Xtract™ for Documents' in white. Surrounding this are various terms in shades of blue and white, including: 'INVOICES', 'DELIVERY NOTES', 'SUPPLIER RECORDS', 'FORMS', 'ORDERS', 'HR', 'CAPTURE', 'BI', 'CLASSIFICATION', 'PDF', 'JPEG', 'txt', 'xlsx', 'TIFF', 'EMAIL', 'FAX', 'FILESERVER', 'SCAN', 'WORKFLOW', 'ARCHIVE', 'ERP', and 'CRM'. The words are arranged in a dynamic, overlapping manner.

Content to Process Solutions

BUSINESS PROCESS DIGITAL MAILROOM SOLUTIONS

# IRISXtract™ for Documents – THE “CONTENT TO PROCESS” PLATFORM

## THE CONTENT TO PROCESS APPLICATION FORMS PROCESSING

Forms such as questionnaires, applications, evaluations and many more are still part of today's business. Processing them can be time consuming and resource intensive. Automatically and digitally processing incoming information considerably increases efficiency and advances business process optimization. I.R.I.S.' state-of-the-art technology lightens your workload: **IRISXtract™ for Documents** means paperless processing! Already far more than a thousand customers trust **IRISXtract™ for Documents'** reliability, and all around the world a new system is installed every day.

The screenshot displays the IRISXtract™ for Documents interface. At the top, the logo 'IRISXtract™ for Documents' is visible. The central area shows a scanned document with the following extracted data:

<b>Xample AG</b>		<b>10 Jahre Garantie</b>	
No.	ECD-278901-1567	Modell	20 / 60 LG II
Verkauf / Dealer	016 / 429 33 33	Datum	19 12 2003
Name	WALSER MATTHIAS	Alter (Jahre)	35
Strasse	GARTENSTR. 7		
PLZ	63225	Ort	OFFENBACH

On the left side of the interface, there are icons for: Scan client, Electronic files, Fax, and Email. On the right side, there are icons for: ERP, Workflow, Archive/ECM, and CRM.

**IRISXtract™ for Documents** is an award-winning Intelligent Document Recognition (IDR) solution platform that automatically classifies documents arriving from various inboxes and transfers extracted data to subsequent business process applications. Relevant information is thus available almost immediately, resulting in reduced operating costs. Automated document management leads to increased reliability and quality, particularly when compared to manual data processing. With **IRISXtract™ for Documents**, a company's data is where it needs to be: in process! 'Content to Process': Evaluating data in terms of

whether it is relevant to a subsequent process and identifying the respective business process is what our solution platform **IRISXtract™ for Documents** does.

As part of **IRISXtract™ for Documents** I.R.I.S. has developed the Content to Process Application Forms Processing – a solution for automated forms processing. This solution is vital for companies and institutions that process a variety of structured forms such as order-, health insurance-, insurance- or other standard forms. Regardless of the format the solution component captures and optimizes any data that is relevant and transfers these to target systems (SAP, ERP, ECM etc.).

The Content to Process Application Forms Processing avoids media disruption and processes both paper and electronic documents. The I.R.I.S.' XFingerPrint technology within the forms processing application ensures efficient classification.

Our years of project experience and customer feedback have contributed to what is now the Content to Process Application Forms Processing. The technology is easily managed and flexible. It includes a broad range of configurable options to address each end-user's organizational requirements. In addition, it can be easily integrated into ERP, CRM, ECM, archive, and workflow systems.

# Content to Process Application Forms Processing

## FEATURES

### TYPE IDENTIFICATION WITH XFingerPrint

With the XFingerPrint technology a template is assigned to a form precisely and quickly. This procedure is free from interferences and even works when barcodes or type keys are missing.

### CHARACTER RECOGNITION

Thanks to years of experience – particularly with forms projects of high volume – character recognition for handwriting has improved continuously. Combining various ICR engines, fields can be processed accurately (e.g. values) and with the highest throughput rate (e.g. comment fields) – all on one form.

### RECOGNITION OF TABLE STRUCTURES WITH DYNAMIC MASKS

Fields can vary in size and structure. With dynamic masks different table layouts can be adjusted. The bottom of the table is recognized automatically.

### DATA BASE MATCHING

To check extracted data against existing data fuzzy data matching is done in real time. By integrating the **IRISXtract™ for Documents FUZZY** data base matching with extracted data is done efficiently and quickly.

### CUSTOMIZING AND SCRIPTING TO FULFIL INDIVIDUAL REQUIREMENTS

The solution can be adapted to company- and country-specific specifications and requirements. A state-of-the art design interface allows for easy configuration and customizing of forms projects. An editor enables the simple configuration of applications, for example, using “Yes” and “No” switches or through regular expressions. Above that many settings can be done via the **IRISXtract™ for Documents** Cockpit. In order to meet possible further company-specific requirements, with Visual Studio Tools for Applications (VSTA), as well as the standard settings and the comprehensive configuration options, a powerful scripting interface is also available. In this way, the recognition and extraction components can be scripted and other fields added.

### ONE PRODUCT – MANY FEATURES

- ✗ High classification accuracy
- ✗ Extremely fast procedure
- ✗ Automatically assigning layout to document type
- ✗ XFingerPrint as anchor point for templates
- ✗ Voting of common ICR engines possible
- ✗ Highest recognition rate and „adjustable“ accuracy
- ✗ Combination of hand- and typewriting
- ✗ Centralized template design with designer SDK
- ✗ Adaptive design of table rows
- ✗ Usable for dynamic structures e.g. order forms
- ✗ Automatic recognition of the bottom of a table
- ✗ Highest recognition accuracy for table rows with variable structures (several lines, variable fields etc.)

## ABOUT I.R.I.S.

Image Recognition Integrated Systems (I.R.I.S.) is a leading provider of 'Content to Process' technologies. I.R.I.S. offers solutions for automatic invoice and order processing, HR and supplier records as well as case management in legal, healthcare, and finance sectors.

I.R.I.S. provides technologies and solutions that capture data and information contained in documents, which are relevant to business processes. The goal is to make the data easily available while reducing operating costs.

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