



# Solution Component Forms

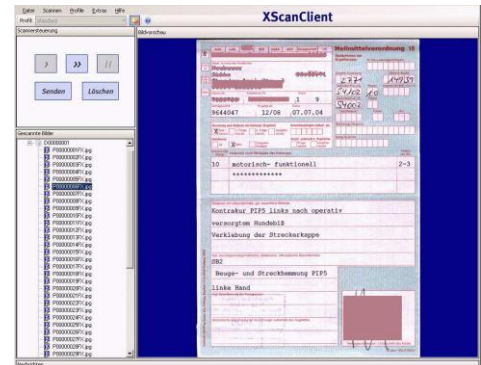
Efficient Form Processing  
with IRISXtract™

Manual processing of incoming forms can be both time-consuming and expensive for companies, institutions, and authorities, which is why companies increasingly resort to automated form processing.

The Solution Component Forms is a highly effective, universal form processing solution enabling companies to design more cost-effective methods while significantly speeding up their processing processes. Like all other I.R.I.S. solutions, the solution components for automated form processing is based on the many times tried and tested IRISxtract™.

## The Solution Component Forms

The **Solution Component Forms** is indispensable to companies and institutions daily processing large amounts of structured forms, for instance order forms, health insurance forms, insurance applications, and other standard forms. Regardless of the format of the form, the solution component records and optimizes all relevant data and exports them into the linked target system (SAP, ERP, ECM, etc.)



The **Solution Component Forms** processes both paper bound and digitally available documents without media crush: Through the XScanClient1 (see Fig. 1), the forms available in paper format are entered into the IRISxtract system as images following scanning, and can be further processed problem-free.

For efficient classification, I.R.I.S. AG uses the product component XFingerPrint within the **Solution Component Forms**.

## The unique selling points of the Solution Component Forms

### Unsurpassed: Type Definition with XFingerPrint

The assignment of templates to forms with XFingerPrint is extraordinarily precise and fast. This method is invariant against malfunctions and also works with missing type or bar code. The features at a glance:

- High classification accuracy
- Extremely fast method
- Automatic assignment of the layout to the document type
- XFingerPrint serves as anchor point for templates

## Safe and fast: The Character Recognition

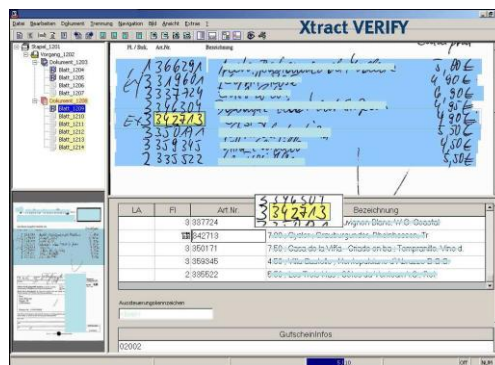
Through long-standing experience - especially with high-volume form projects - the character recognition for handwritten documents has improved continuously. With a clever combination of different ICR engines, fields can be processed individually on the same form with the highest degree of accuracy (e.g. amounts) or volume (e.g. comment fields). The features at a glance:

- › Voting of all standard ICR engines
- › Highest recognition rate with "adjustable" accuracy
- › Combination and handwriting and machine writing
- › Central template design with Designer SDK

## Effortless: Recognition of Table Structures with dynamic Masks

The size and layout of the table fields vary. Different table layouts can be adjusted with dynamic masks. The table end is detected automatically. The features at a glance:

- › Adaptive design of the table row
- › Applicable for dynamic structures, e.g. order cards
- › Automatic recognition of the table end
- › Highest recognition accuracy for table lines with variable structures (multi-row, variable table fields...)



Checking the table position in Xtract VERIFY

Incoming forms are scanned, classified, as well as important index data (type of receipt, receipt date, and receipt number) are automatically recorded by the Solution Component Forms. Then relevant data are extracted in Xtract ANALYZE. Extraction results are then transmitted to the connected target system by the Xtract EXPORT.

Extracted data are checked using available data: For this purpose, a blurred data adjustment takes place in real time. Through the integration of the Xtract FUZZY database, data adjustment of the reading results (extracted data) is quickly and efficiently illustrated with tables.

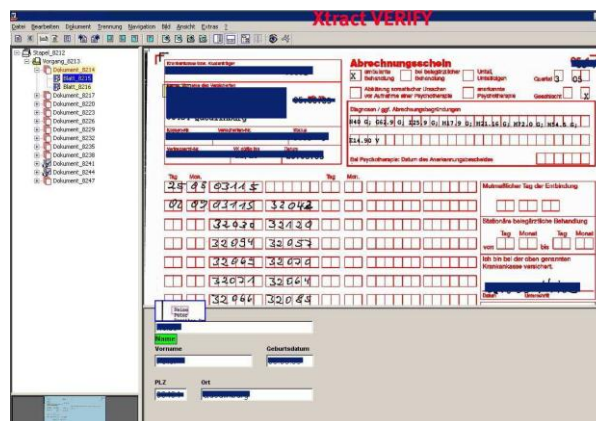
The Solution Component Forms is easily scalable: Because the structure of the product platform IRISXtract is modular, individual solution components can be easily extended or upgraded if necessary. A volume upgrade is just as possible as an extension by one or several new solution components. Coupling with other Solution Components or Solution Packages can occur in the form of additional clients taking available components into account.

The Solution Component Forms stands for best possible recording quality: The XFingerPrint method works very accurately through image-based adjustment. Additionally, the Xtract System is designed in such a way that documents that cannot be clearly classified or read out, are processed in Xtract VERIFY and there checked again. Errors are thus reduced to a minimum.

The Solution Component Forms is a solution component based on IRISXtract™, which besides investment security, presents all benefits of Xtract (upgradeability, scalability, customer-compatibility).

The scope of delivery includes the XScanClient, an OCR engine, a Barcode and OMR reader as well as respective IRISXtract VERIFY workstations for the verification of classification results and manual classification. The definition of further reading zones may be carried out through the IRISXtract DESIGNER, which is to be ordered optionally.

Customers of the Solution Component Forms can speed up the form processing process as well as significantly increase information accuracy and save operating costs.



Checking a health insurance form in Xtract VERIFY

## Handling is incredibly easy

- ▶ A fully uncomplicated installation, administration, and maintenance of the Solution Component Forms is possible thanks to numerous IRISXtract product modules. The Component includes numerous tools allowing to meet individual project requirements and enabling individual installation.
- ▶ Like in every solution component that is based on the IRISXtract module, the Solution Component Forms also includes numerous administration modules that assure problem-free system handling for the system administrator. The system includes inter alia a detailed list of all form processing processes that are not yet processed, just being processed and completed. In addition, the system administrator can display the individual components and organize system configurations.

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