



INTELLIGO

S I A V

THE SIAV SOLUTION

that transforms documents into digital information

I INTELLIGENT DOCUMENT RECOGNITION

INTELLIGO

PROBLEMS

Manual processes of document classification, separation and data extraction **require a lot of time**, are **extremely repetitive** and are subject to **frequent errors** by operators.

Companies receive many **unstructured documents** in various formats (letters, faxes, emails) on a daily basis that must be managed quickly and efficiently.

Often these documents **trigger transactions** directly connected to business processes: every **improvement to the work process** therefore represents a strategic factor in **reducing costs**, ensuring greater productivity, better quality and data compliance. The **time factor** is particularly relevant for electronic communications, which are constantly increasing, and to which users typically expect a quick response.

THE SIAV SOLUTION

Intelligo is an innovative system of "Intelligent Document Recognition" capable of automating the work processes of all documents received, regardless of type or format.



With **Intelligo** you can acquire, classify, extract, validate and distribute knowledge acquired from analysis of document cycles with the aim of automating many traditional back-office processes, such as the automatic control and registration of invoices receivable in management systems.

Intelligo's **processing capabilities** improve over time, thanks to a sophisticated on-line learning process that increases the system's overall intelligence by exploiting correction and validation actions.

The data validation process guarantees a high level of productivity, given that **Intelligo** provides ergonomic and highly customizable application interfaces, a condition that also simplifies user training. During document processing, **Intelligo** collects very detailed information on recognition percentages and provides statistics that are useful for monitoring performance, quickly identifying any critical events found.

Intelligo is a powerful and sophisticated system that is also easy to implement: the configuration and administration tools are simple and flexible and their use can be delegated to users who don't have high level IT skills, reducing the time and cost of initial tuning. Native integration of **Intelligo** with the Archiflow solution extends its functions to specific fields connected to automatic document treatment procedures that require automatic indexing and sorting.



INTELLIGO

the solution THAT LEARNS FROM YOUR BUSINESS

www.siaav.com

REQUIREMENTS

Winning companies know that in order to **make business processes efficient** it is necessary to quickly transform **documents into qualified information**. The starting point for this process is "intelligent" automation of all unstructured and semi-structured communication handling that the company receives.

In a highly competitive international context, where information processing time is one of the strategic success factors, the solutions limited to optical reading have often proven to be inadequate.

In company environments that are more receptive to innovation there is a strong requirement for technological solutions capable of "reasoning," therefore capable of successfully facing the challenge of intelligent interpretation of document content: an integrated and controlled process capable of managing acquisition from different channels (CEM, email, images, faxes, paper), automatic classification, unstructured recognition, validation of data and integration with company information systems.

A specialized system of this type **eliminates wastes** of time and resources related to paper handling, facilitates the implementation of the "**think globally - act locally**" model with centralized management and acquisition, and allows for **automation of some processes of the supply chain**, integrating accounting, financial and warehouse management.



EXAMPLE

A group of five companies operating in Europe, following the unification of the accounting system, intends to rationalize the operating cycle management process of supplier documents.

AS IS analysis highlights that manual accounting of paper documents, undertaken at every single company by highly skilled administrative personnel, is a highly taxing activity. The TO BE project features decentralized digital acquisition of accounting documents in individual companies and centralized registration management by the group leader, using Intelligent Document Recognition technologies.

The project features the following processing steps:

- preparation of documents with application of barcode labels (remote operator);
- massive acquisition of scanned documents (remote operator);
- automatic separation and classification of documents by type and supplier (Intelligo);
- full-page OCR reading and extraction of relevant information (Intelligo);
- data validation and correction management (central operator);
- automatic accounting of the management system (Intelligo).

The increase in efficiency is translated concretely into savings of 60% on the accounting phase (journal entry) which leads to a return on project costs in less than one year.



| Simplify Processes.

Intelligo reads the content of email and images with an OCR technique that enables it to autonomously identify the classification and content of each document. It simplifies archiving, management, document retrieval and guides related document processes, all through a unified and user-friendly control interface.

| Massive Acquisition.

Intelligo features a massive paper and electronic document acquisition tool that is highly configurable thanks to its simple and powerful scripting language. For paper scanning, it is compatible with all of the most common and multifunction scanners; it can be used both as an individual productivity tool as well as in mailroom distribution mode.

| Classification.

Intelligo separates documents into batches based on their physical appearance rather than their textual content (OCR), similarly to what human eye does; classification is therefore performed very rapidly. Furthermore, it allows for the use of multiple and alternative classifications, using a "Learn by example" system capable of comparing unknown images with known document sets.

| Intelligent Document Recognition.

Intelligo locates the information to be extracted, without previously knowing its position as the search algorithms use intelligent locators, thanks to OCR. Intelligo memorizes every corrective action undertaken by operators, for self-learning, feeding a knowledge base that it uses to improve its recognition performance, and reducing the need for manual validation actions by operators.

| Scalability and Reliability.

Intelligo is a highly scalable system that can guarantee optimal performance and service availability at all times, thanks to load balancing and cluster application technologies.

| Open Solution.

Intelligo is capable of supporting complex application cooperation mechanisms in order to guarantee complete integrability with the company information system. The use of XML-based standards, through Web Service architecture (Service Oriented Architecture), enables you to manage interoperability among various applications easily and securely. Intelligo is natively integrated with the Archiflow solution for workflow process management.



INNOVATIVE, intelligent and sustainable solutions.

