TECHNOLOGY & COGNITION

AIDA

Artificial Intelligence for Document Automation

AIDA is a product by Technology & Cognition LAB S.r.l.

smartify your workflow

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AIDA : what it is?

AIDA is a cloud solution to manage documents recognition through **Artificial Intelligence** systems

AIDA is secure and scalable

AIDA doesn't require any professional services

FREE

AIDA recognizes the documents and extracts the informations needed for processing unstructured contents, for example passive invoices.
This process, once done, enables many more business processes based on extracted metadata.

AIDA is architecturally adaptable:
it can interplay with any input or output

AIDA is totally platform-agnostic:
Desktop, Mobile, **Xerox® MFP**

xerox

Last but not least: AIDA is inexpensive
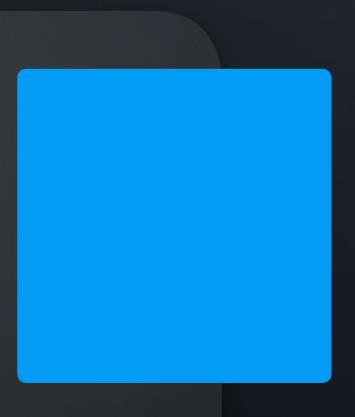
AIDA is cloud-native

The Artificial Intelligence component that AIDA uses is built on a proprietary algorithm, which keeps improving, and requires the computational power and scalability of **xCloud**, our cloud infrastructure.
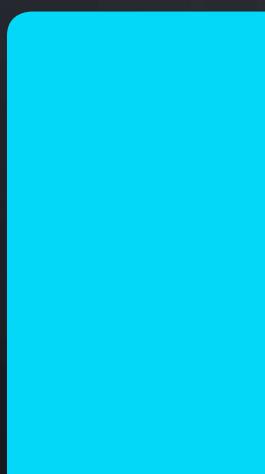
AIDA is redundant and highly available.

AIDA uses **end-to-end encryption** to guarantee the security and privacy of processed data.

On-premise installations are provided and supported
(continuous communication to xCloud and enablement of remote access are required for support service)

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AIDA technology

AIDA uses **Machine Learning** techniques to learn how to recognize and identify documents,
even unstructured ones, and extract metadata useful for workflows in an completely autonomous way

Learning process is transparent: there's no requirement for intervention of specialized
personnel, end user normal operations are enough

Learning algorithms are continuously improved through experience

AIDA is independent from the underlying third party OCR engine:
it can choose the best engine based on cost/performance ratio from those available

AIDA supports a module to integrate with workflows based on the **BPM (Business Process Management)** standard.

The BPM module allows to hook into existing processes, both upstream and downstream, from AIDA
and enables monitoring, auditing and KPI detection of the mass management of documental processes

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Documents   Workflow   Configuration

You're logged in as

All changes saved   sicme.pdf (page 1 of 1)

Sender company/name
SELFC1 s.r.l.   ✕

Sender VAT number
05849710018   ✕

Recipient company/name
Sicme S.r.l.

Recipient VAT number
11122233344

Summary
AVVOLGICAVO 3X1,5 MT.10 C/DISG   ✕

Invoice date
05/19/2012   ✕

Invoice number
05/ 988   ✕

Total taxes
$ 6.67   ✕

Invoice subtotal
$ 31.76   ✕

Invoice total
$ 38.43   ✕

Spett.

SICME S.n.c.

Via Roma, 68
10100 Torino

SELFG1 s.r.l.
Interporto SITO Nord Undicesima Strada 7
10040 RIVALTA DI TORINO
Filiale di Torino
Via Genova, 197 10127 Torino
Tel. 011/6031223 Fax 011/6031329
Capitale Sociale Euro 49.500,00 Società Unipersonale
Cod.fisc. Partita IVA e R.I. TO 05849710018
CCIAA TO 727036
Società soggetta a Direzione e coordinamento di Self Gardino SpA

Destinatario documento

IDEM

FATTURA

CLIENTE	COD.FISCALE	PARTITA IVA		CAUSALE DOCUMENTO		NUMERO E	DATA	DOCU
5242		07643520567		Vendita		05/	988	19/05/1
AGENTE	CONDIZIONI DI PAGAMENTO				BANCA APPOGGIO			

Cod.ARTICOLO	DESCRIZIONE	UM	Q.TA'	PREZZO	Sc.	IMPORTO
	Scontr. 170 del 19/05/2012 MF 88006195					
8011439490265	AVVOLGICAVO 3X1,5 MT.10 C/DISG	NR	1	22,85		22,
8008250132825	SACCHI 110LT C/LEGACCIO NERI P	NR	1	2,10		
0000040785011	PRESA RUBINETTO 1/2" FILETTO 3	NR	1	2,25		
0000040785028	PRESA RUBINETTO 3/4" FILETTO 1	NR	1	2,99		
0000040785165	RACCORDO RAPIDO 3/4" - 5/8"	NR	1	5,35		
4078500090063	PRESA RUBINETTO DA 3/8 CON FIL	NR	1	2,89		2,

AIDA   user interface

AIDA is a web-application developed with the latest HTML5/Javascript technologies available:
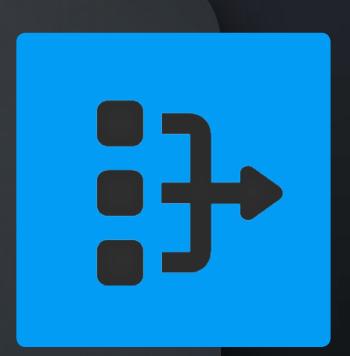this makes AIDA completely **plug and play**, without having to install any additional software

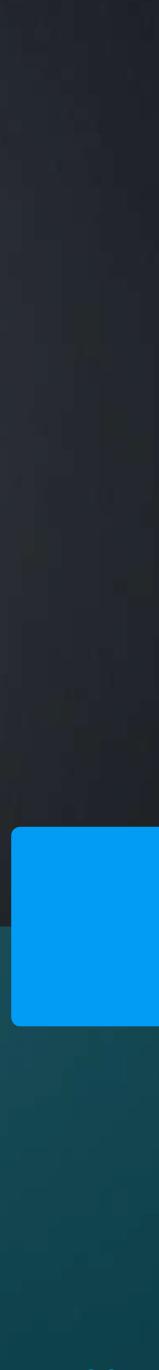AIDA can be used seamlessly from desktop, tablets, or even from smartphones

AIDA interface makes data-entry job error-proof with simple clicks:
there's no need to type any text manually anymore!

AIDA allows modules for fuzzy lookup (both when filling and validating), preprocessing/
splitting of documents and anomalies detection

AIDA as Xerox® ConnectKey® application

Xerox® ConnectKey® AIDA connector allows to take advantage of the intelligent recognition capabilities from **any Xerox® multifunction device**

AIDA ConnectKey® interface is **optimized** for the interface, display and user experience of MFPs

On top of checking and validation operations, it's possibile to print from AIDA and scan to AIDA.

The document is shown on the MFP display with an interface tailored to validation.

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ConnectKey®

AIDA input modules

Email retrieval and attachment analysis

Any other input required by the customer

MFP

even for non ConnectKey®-enabled devices

Web input directly from the browser

Xerox® DocuShare®

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AIDA output modules

Cloud storage services
Google Drive, Dropbox

Any other output required by customer

Simple formats
such as txt, csv, xml, pdf

Alfresco ®, SharePoint ®   **thirdparty ECMs**

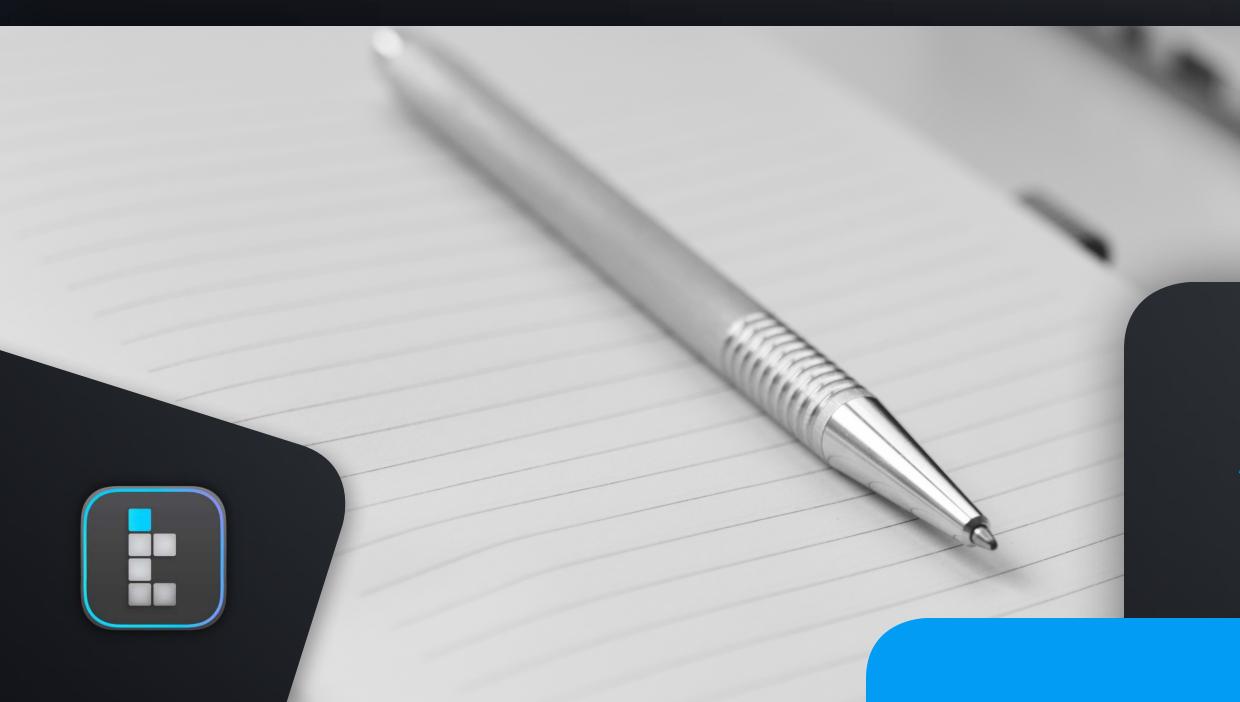**ERP**

Xerox® DocuShare®
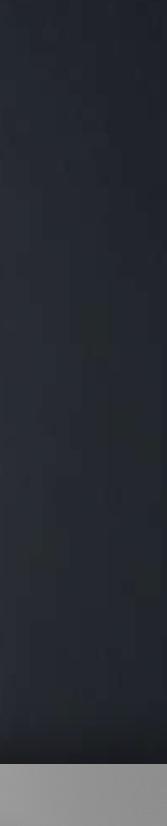
AIDA : advantages and target

AIDA mission is to provide a service to centralize all of the recognizing intelligence and document management, with the purpose to move closer to the complete disappearance of the workload and consequent chances of errors in manual data entry

AIDA characteristics make possibile for it to scale to any volume of documents,
while keeping the cost per page as low as possible

AIDA is inexpensive

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