



b14all

TECHNOLOGY AND INNOVATION
in the Transformation
of your Business



TURNING DATA
INTO INSIGHTS

BIA4ALL

Document Recognizer

What we want to solve with Document Recognizer

Reduce manual work and errors

Import your existing documents, from file or picture and extract your data automatically

Teach new templates code-free

At any time teach Document Recognizer to extract data from new documents with a code-free experience and let him extract the data for you

Integrate with your existing solutions

Send the extracted data to any other platform using our existing API and automate your repetitive business processes

Document Recognizer



AI POWERED DOC RECOGNITION
Using AI Models we can recognize, mark fields on a document



DOCUMENT TYPE
PDF with text or images, and take a photo and upload to Document Recognizer



PRE-FILL DATA FOR IMPORT
After extracting document data, we provide to the end-user a validation process before send information to other platforms



TEACH NEW DOCUMENT TEMPLATES
New Document Formats can be uploaded and allow AI to learn them for future document recognition



EXTRACT DATA FROM YOUR THOUSAND DOCUMENTS
Extract the useful information from your documents from several types of structures



AUTOMATE YOUR DOCUMENT DIGITALIZATION
Integrate with your internal processes using our API

Document Recognizer is a platform that allows any company to extract data, using AI, from documents (invoices, receipts, packing lists) and send that information to other platforms.

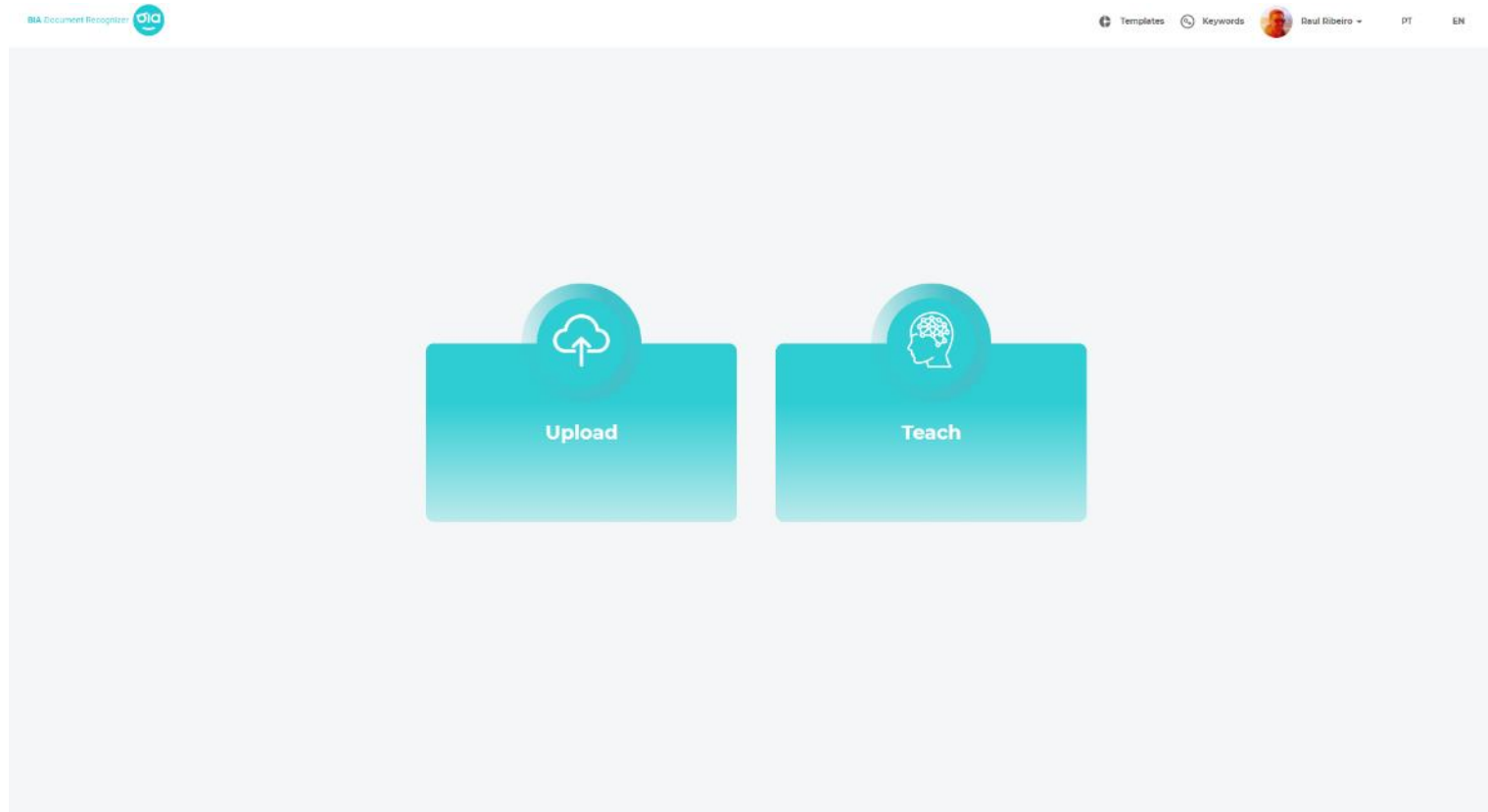
Document Recognizer

UI

Document Recognizer

Document Recognizer has two main features:

- **Teach** the brain how to recognize and extract data from your documents
- **Upload** documents or photos to extract data using what you taught



Document Recognizer - Teach

In the teach phase you will upload a document or photo to **Document Recognizer** and will be here that you will teach the brain about the information you want to extract.

After this step **Document Recognizer** is ready to extract information of this new type of documents.

The image displays two overlapping windows from the Document Recognizer interface. The top window is titled 'Teach' and contains two buttons: 'Add file' (with a cloud icon) and 'Take picture' (with a camera icon). Below these buttons, it says 'No file selected. Please select a file.' and 'Supplier*'. The bottom window is titled 'New form' and contains a form with the following fields: 'Supplier' (BI4ALL), 'Keyword group' (Packing Lists), 'Keywords synonyms' (Product), 'ExpirationDate', 'Batch', 'Reference', and 'Quantity'. Each field has an 'Add synonym' button. To the right of the form is a table of extracted data from an uploaded file named 'anonymous_t...'. The table has columns for 'Artículo', 'Código', 'Descripción', 'Cantidad', and 'Unidad'. The data rows are as follows:

Artículo	Código	Descripción	Cantidad	Unidad
5129267	COCA	LINE COMP X 30	6 000	I
	Nº de Lote:	M8045233		
	Validade:	30/04/2023		
5132659		CORYZALIA COMPREV X 40	12 000	I
	Nº de Lote:	M8012697		
	Validade:	31/01/2024		
5759717		HOMEOPTIC 10 MONODOSES	30 000	I
	Nº de Lote:	19J07		
	Validade:	31/10/2022		
5121769		HOMEVOIX COMPREV X60	30 000	I
	Nº de Lote:	M8030904		
	Validade:	30/04/2024		
5495205		OSCILLOCCINUM 0.51 MLGR 1 GR - 30 UN	12 000	I
	Nº de Lote:	1F0511		
	Validade:	31/07/2024		
7549951		ARNICA MONTANA GRANULO 90CH BORDON LI	2 000	I
	Nº de Lote:	050678		
	Validade:	31/01/2024		

Document Recognizer - Templates

When we run the Teach a template is created so **Document Recognizer** can detect when that type of document is uploaded to extract data

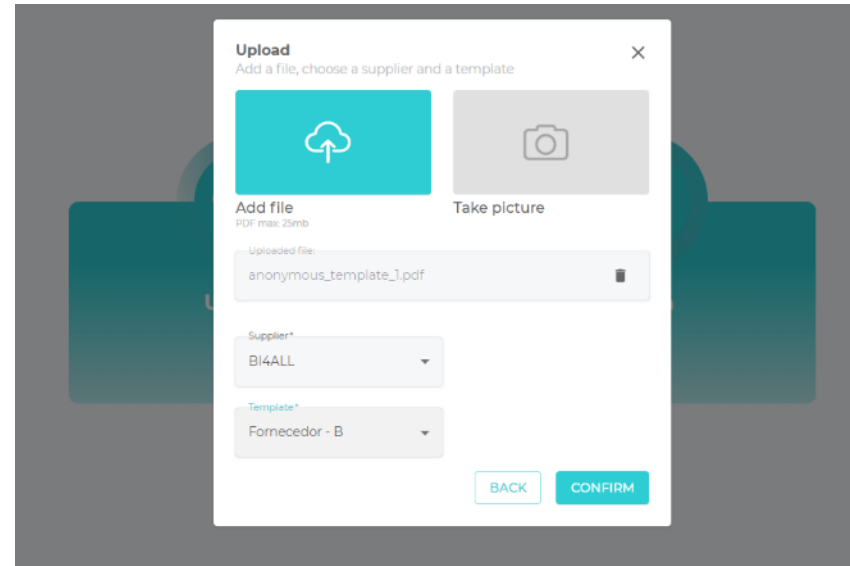
You can manage the existing Templates and update or change the data extracted on each template

The screenshot shows the 'BIA Document Recognizer' interface for managing templates. At the top, there is a search bar for users and a dropdown menu for providers, currently set to 'Show All'. Below this are action buttons for 'Select all', 'Edit selected', and 'Delete selected'. The main content is a table with the following columns: Template name, Supplier, Keyword Group, Created by, Creation date, Edited by, and Last edit. The table lists 12 templates, all with 'Packing Lists' as the keyword group. The 'Supplier' column for all entries is 'N/A'. The 'Created by' column lists 'David Almas' and 'João Amaro'. The 'Edited by' column lists 'David Almas', 'João Amaro', and 'Nuno Fernandes'. The 'Last edit' column shows various timestamps from 2020.

	Template name	Supplier	Keyword Group	Created by	Creation date	Edited by	Last edit
<input type="checkbox"/>	2000	N/A	Packing Lists	David Almas	26/10/2020 19:41	David Almas	26/10/2020 19:41
<input type="checkbox"/>	Form Despesas	N/A	Packing Lists	David Almas	06/10/2020 14:54	João Amaro	13/10/2020 13:58
<input type="checkbox"/>	Fornecedor - B	N/A	Packing Lists	David Almas	15/09/2020 17:23	Nuno Fernandes	21/10/2020 10:29
<input type="checkbox"/>	Fornecedor C	N/A	Packing Lists	David Almas	15/09/2020 16:42	David Almas	15/09/2020 17:24
<input type="checkbox"/>	IDC Demo	N/A	Packing Lists	David Almas	15/09/2020 17:18	David Almas	16/09/2020 09:33
<input type="checkbox"/>	IDC Demo 2	N/A	Packing Lists	David Almas	16/09/2020 09:40	David Almas	16/09/2020 10:16
<input type="checkbox"/>	Packing list	N/A	Packing Lists	David Almas	11/09/2020 20:47	David Almas	11/09/2020 20:50
<input type="checkbox"/>	PF_test	N/A	Packing Lists	João Amaro	04/11/2020 14:48	João Amaro	04/11/2020 14:48
<input type="checkbox"/>	test sections	N/A	Packing Lists	Nuno Fernandes	15/10/2020 15:21	Nuno Fernandes	15/10/2020 15:21
<input type="checkbox"/>	TestDespesas	N/A	Packing Lists	David Almas	06/10/2020 16:12	David Almas	06/10/2020 16:12
<input type="checkbox"/>	Teste Dalmas	N/A	Packing Lists	David Almas	06/10/2020 12:01	David Almas	06/10/2020 12:40

Document Recognizer - Upload

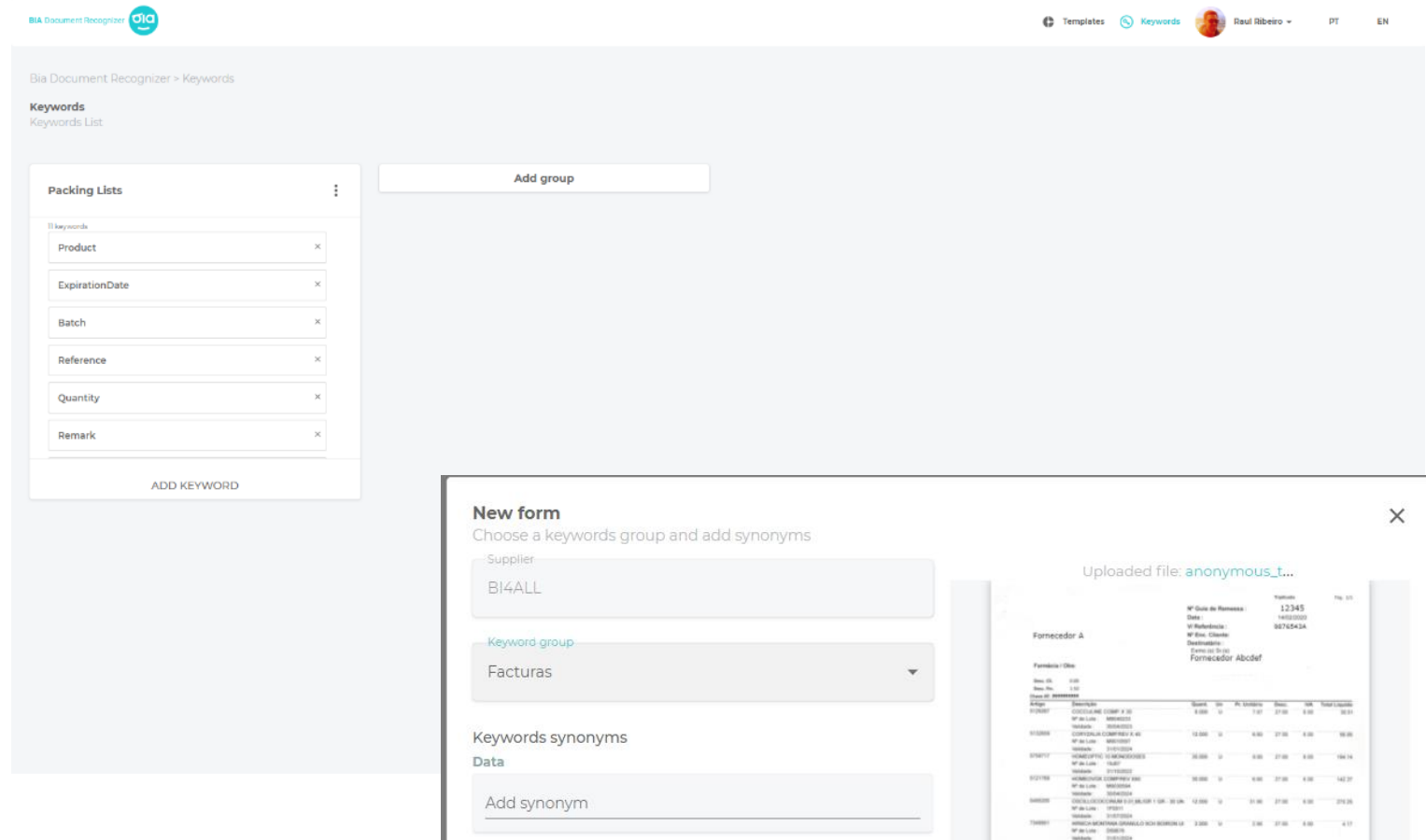
When you upload a document or photo **Document Recognizer** using AI will recommend you the template you should use to extract data and after confirmation will run the AI module to extract the data from the document



Document Recognizer - Keywords

Keywords allows you to create group of Keywords that you want to extract from a document. This allow you to use **Document Recognizer** to extract different data from different documents

When a new document is upload to **Document Recognizer** it will be matched with the respective Keyword Group



Document Recognizer – Users & Roles

The access to Document Recognizer and his functionalities described before is managed through Roles that have permissions assigned.

Each user created in Document Recognizer can be part of one or more Roles

The screenshot displays two overlapping screenshots of the Document Recognizer web application. The top screenshot shows the 'Users' management page, which includes a search bar, a 'NEW USER' button, and a table of users. The bottom screenshot shows the 'Role configuration' page, which includes a 'Roles List' table with columns for 'Permission' and 'Description'.

Permission	Description
<input type="checkbox"/>	Settings
<input type="checkbox"/>	Auditing
<input checked="" type="checkbox"/>	Recognizer



ABOUT US

BI4ALL is a leader in consulting services with excellence competences in areas of Digital Transformation and Data Strategy, focusing on Analytics, Big Data, Data Science, Artificial Intelligence, Data Visualizations, CPM and Software Engineering.

Since 2004, BI4ALL has been totally focused on the success of its clients and we share with them a knowledge of excellence in both technology and business components, allowing organizations to have competitive advantages by turning their data into insights.

OUR MISSION

Delivering value beyond expectations by delivering powerful technologies and excellent services which empower and inspire customers to turn data into insights.

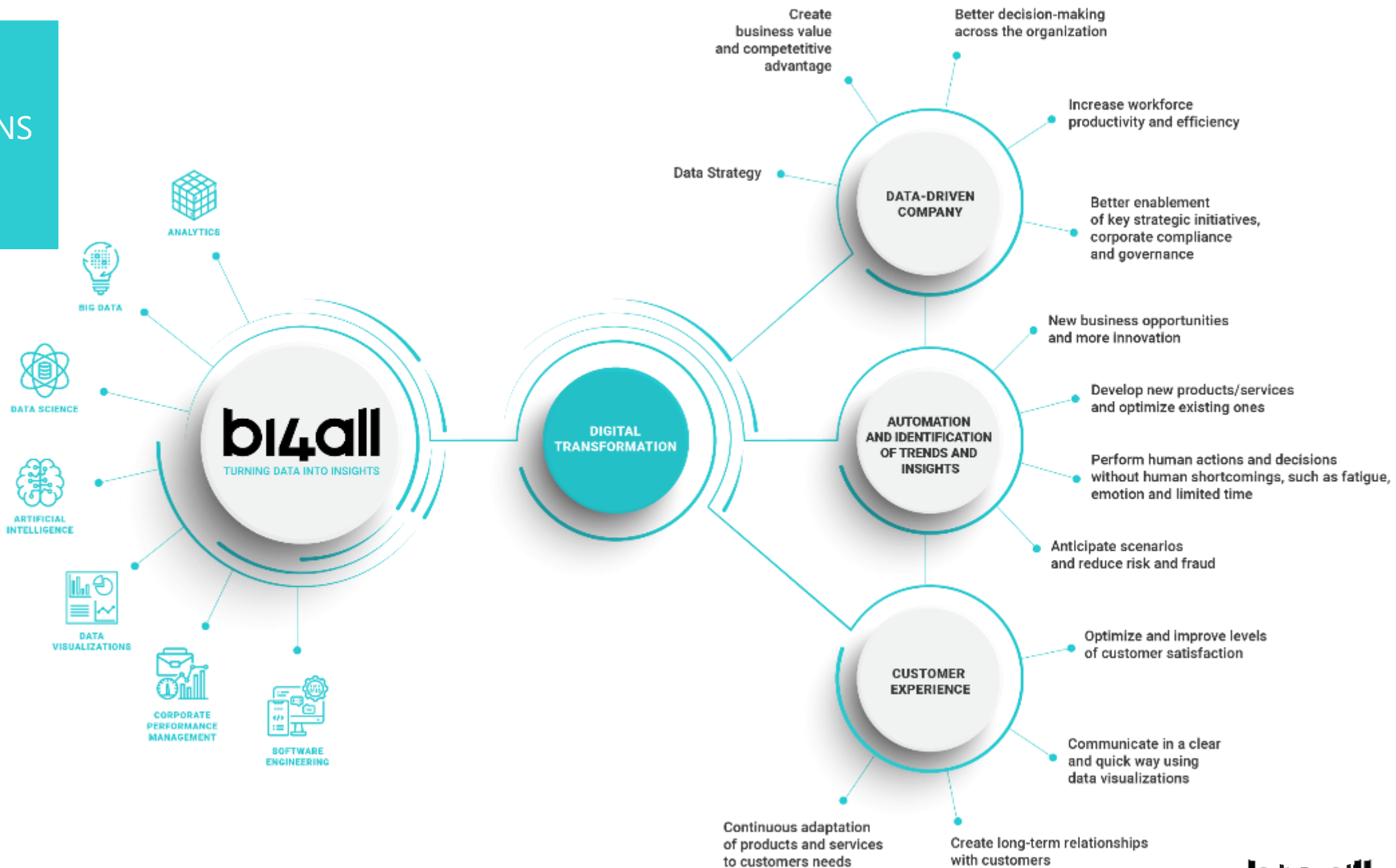


EXCELLENCE SERVICE

We develop and implement disruptive technological solutions which improve our customers' productivity and efficiency.

Through a unique experience and extensive knowledge of the several activity sectors and business functions, we help organizations to thrive and improve business operations.

THE BEST SOLUTIONS FOR YOU



OUR CLIENTS





THANK YOU

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