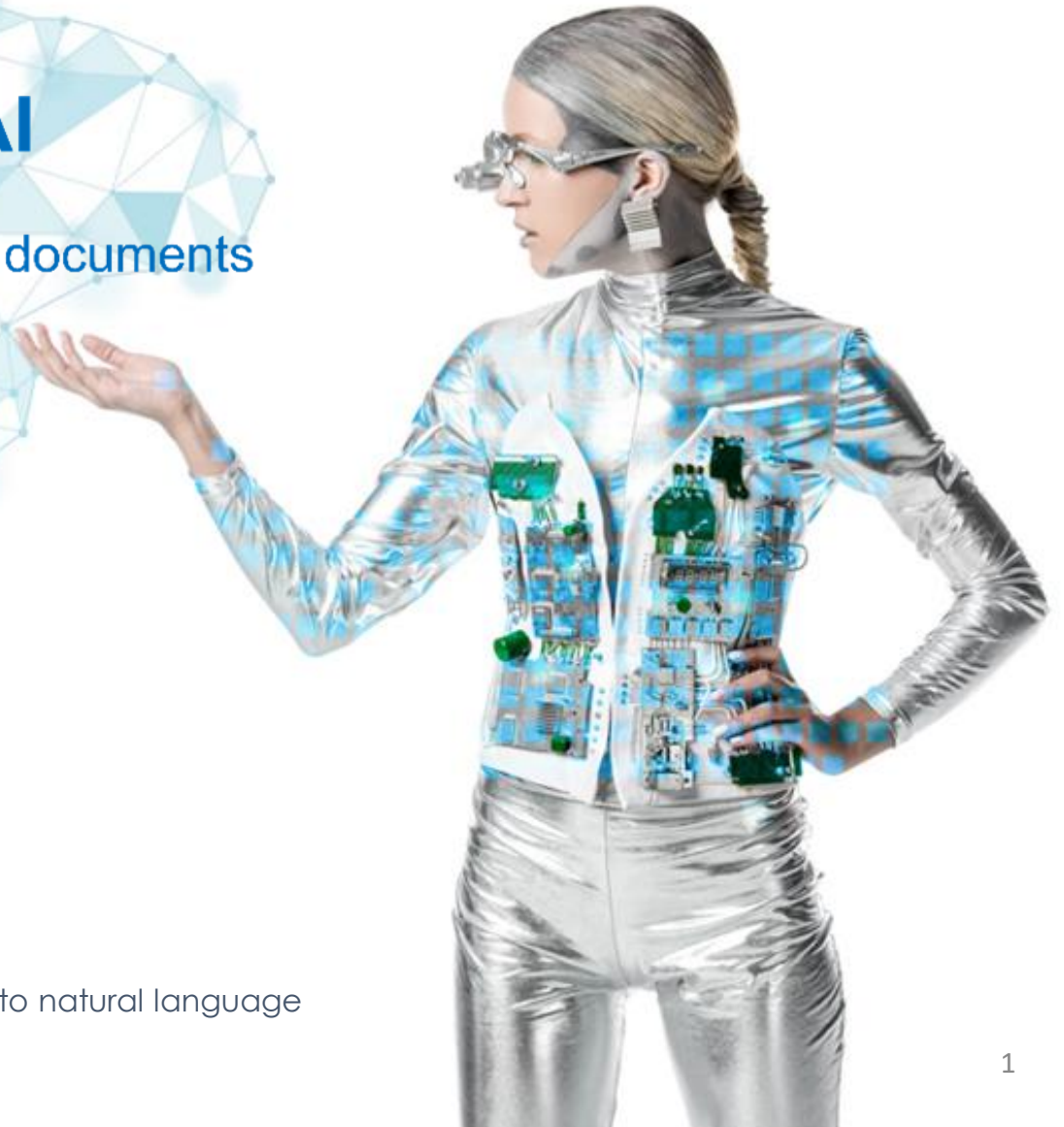


Push human limits with artificial intelligence



General overview LexRock^{AI}

 LexRock^{AI} 25+ yrs of experience in artificial intelligence applied to natural language processing and understanding





Before you start

The purpose of this document is to give a general overview of LexRock AI and to provide videos of use cases where our technology can help organizations.

In the next few pages, you will see a red button on some of the images. By clicking on it, you will be taken to a video on the YouTube platform.

A first try! here is a first promotional video.



Click to start video

If you have any questions, please do not hesitate to contact us.



Our products will help you to
improve the operational efficiency
and the growth of your
organization



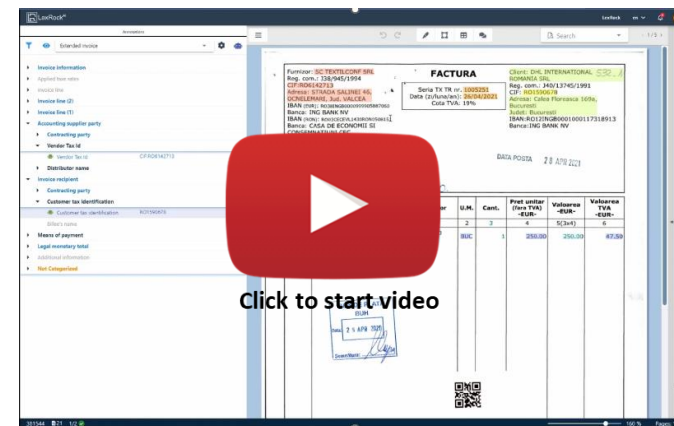
If you had to stop here due to lack of time!

We encourage you to view the following two videos demonstrating the full potential of LexRock AI technologies.

Our technologies can handle any type of document, any format and in any language.

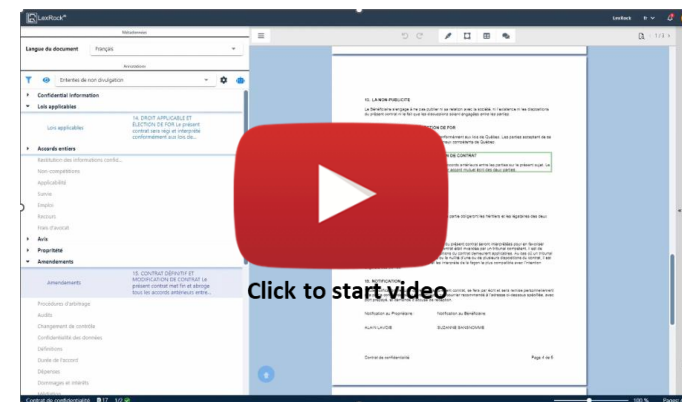
These technologies are based on the latest scientific advances in artificial intelligence.

Invoice processing



48 secondes

Contract comparison



50 secondes



The problem

The problem we are trying to solve is the time wasted by employees searching, extracting and analyzing information in documents.





The problem

Locating, analyzing and extracting information from documents...

A tedious job and not always with great added value.



A task that
is
sometimes
even
stressful!





How can Artificial Intelligence help organizations in their daily tasks?

Push human limits with artificial intelligence



Our solution

An artificial intelligence that will help you accomplish your daily tasks.

You can teach it your know-how so that it can improve and help you better.

You don't need to know anything about AI techniques. You just have to show it how you do it.



LR Studio

The philosophy of our LR Studio product is: **"Show me what you do, I'll learn and then I'll help you"**

A simple way to create digital twins to help you in your daily tasks



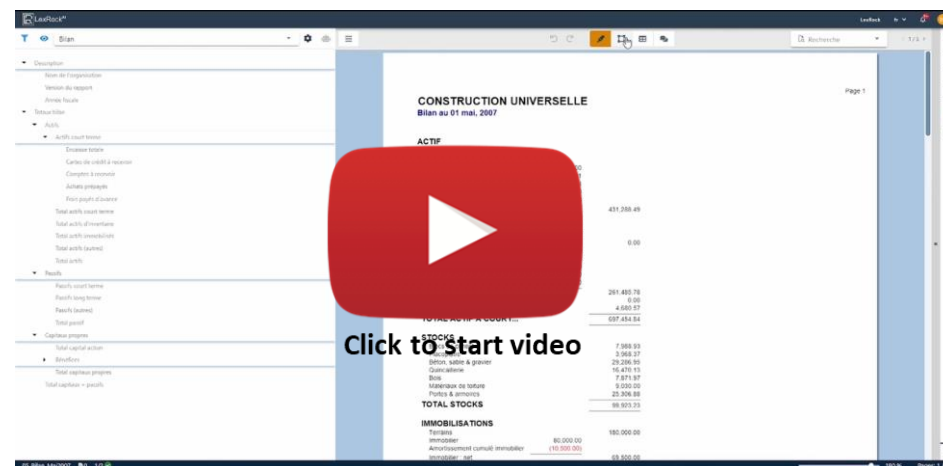
LR Studio



The first step allows the user to show to the artificial intelligence where the relevant information is located in a document.

The video example shows how to do this with the LR Studio platform in the context of a financial statement.

LR Studio can process any type of document.



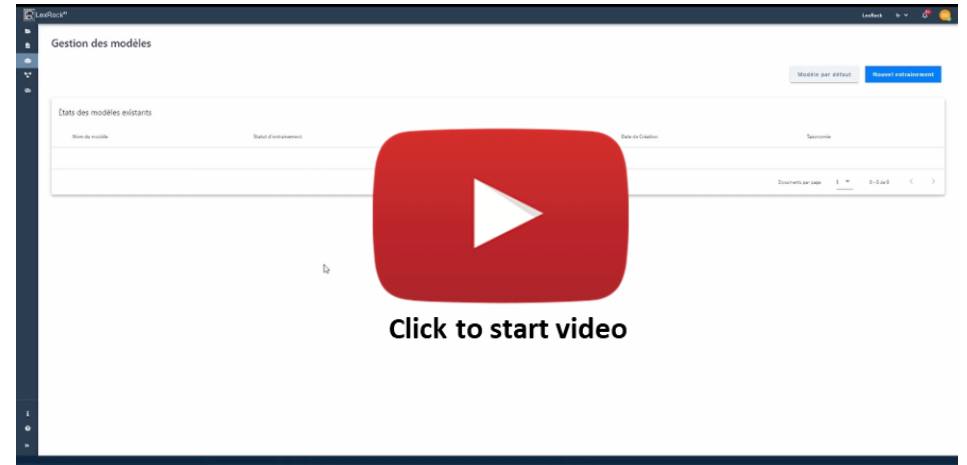
Step 1
Show me what you do...

LR Studio



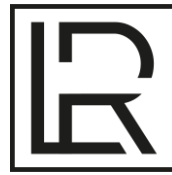
After the user has finished showing how to find the information in a couple of documents, he can then start the learning process of the artificial intelligence.

The example in the video shows how simple it is to start a learning process using LR Studio.



Step 2
I will learn...

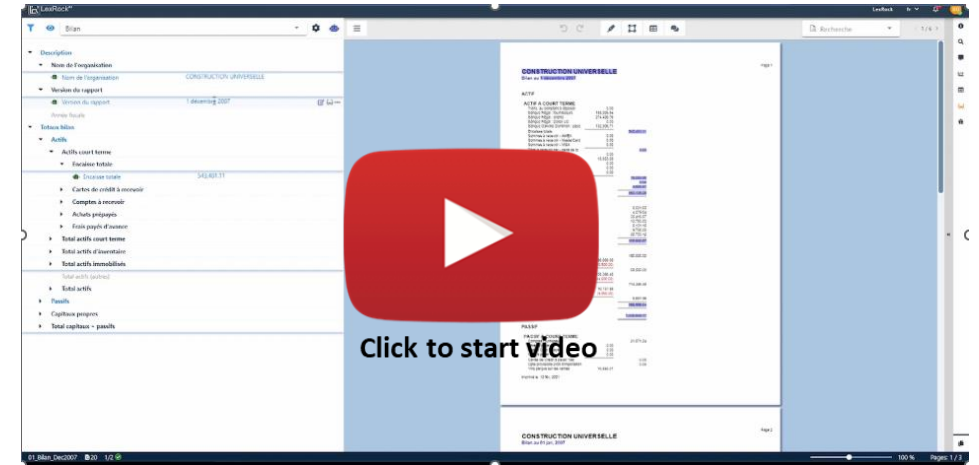
LR Studio



Steps 1 and 2 can be performed by technical staff or by end users depending on your internal policies.

The third step is to use the latest artificial intelligence learnings.

The example in the video shows how to call Roboto from the application. Roboto is the name given to our artificial intelligence.



Step 3
And then I will help you...



Exportation

It is possible to export your data to your mission systems or simply to an MS Excel template.

Your specialists can easily design and configure MS Excel templates to allow maximum efficiency for your employees.

The screenshot displays the LexRock software interface. On the left, a balance sheet is shown with various categories like 'Encaisse totale', 'Sommes à recevoir', 'Total à recevoir net', 'STOCKS', and 'IMMOBILISATIONS'. On the right, an Excel template is shown with columns for 'Janvier 2017', 'Février 2017', and 'Mars 2017'. Orange arrows indicate the mapping of data from the balance sheet to the Excel template.

	Janvier 2017	Février 2017	Mars 2017
Actifs			
Actif à court terme			
Encaisse totale	543,401.11 €	529,073.65 €	564,334.15 €
Comptes à recevoir	15,053.58 €	115,098.58 €	68,599.56 €
Cartes de crédit à recevoir	0.00 €	0.00 €	0.00 €
Achats prépayés	0.00 €	0.00 €	0.00 €
Frais payés d'avance	4,680.57 €	4,680.57 €	4,680.57 €
Total Actif à court terme	563,135.26 €	648,852.80 €	637,614.28 €
Actif immobilisé			
Total Actifs immobilisés	369,586.04 €	369,586.04 €	369,586.04 €
Actif d'inventaire			
Total actifs d'inventaire	105,922.87 €	108,963.93 €	105,961.39 €



Export key information to Excel

LexRock AI

Annotations

Balance sheets

beginning of the fiscal year...

Broker's name

Fiscal Year

Trimester

Balance sheet

- Balance sheet Description
- Assets**
 - Current Assets**
 - Total Cash
 - Credit Cards Receivable
 - Total Receivable
 - Prepaid Purchases
 - Prepaid Expenses
 - Total : Current Assets** 563,135.26
 - Inventory Assets
 - Capital Assets
 - Deferred Tax Assets
 - Other Assets
 - Total : Assets**
 - Liabilities and Equity

NER 2.0

01_Bilan_Jan2007 21 1/2

Encaisse totale 543,401.11

Sommes à recevoir - AMEX 0.00

Sommes à recevoir - MasterCard 0.00

Sommes à recevoir - VISA 0.00

Total à recevoir net - carte de ct 0.00

Intérêts à recevoir 0.00

Comptes clients 15,053.58

Créances douteuses 0.00

Avances à percevoir 0.00

Effets à recevoir 0.00

Total à recevoir net 15,053.58

Achats prépayés 0.00

Frais payés d'avance 4,680.57

TOTAL ACTIF A COURT... 563,135.26

STOCKS

Blocs de ciment 8,031.65

Placoplâtre 4,079.64

Béton, sable & gravier 35,416.67

Quincaillerie 13,780.63

Bois 8,151.16

Matériaux de toiture 9,700.00

Portes & armoires 26,763.12

TOTAL STOCKS 105,922.87

IMMOBILISATIONS

Terrains 180,000.00

Immobilier 80,000.00

Amortissement cumulé immobilier (10,500.00)

Immobilier : net 69,500.00

Équipement 158,398.48

Amortissement cumulé équipem... (44,000.00)

Équipement : net 114,398.48

Enregistrement automatique

ExportPr...

Fichier Accueil Insertion Mise en page Formules Données Révision Affichage Aide Création de tableau

Coller Police Alignement Nombre

Presse-papiers

B9

Total Actif à court terme

	Janvier 2017	Février 2017	Mars 2017
Actifs			
Actif à court terme			
Encaisse totale	543,401.11 €	529,073.65 €	564,334.15 €
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Total actifs d'inventaire	105,922.87 €	108,963.93 €	105,961.39 €

Récapitulatif Actifs Passifs Configuration

Prêt Calculer Accessibilité : consultez nos recommandations

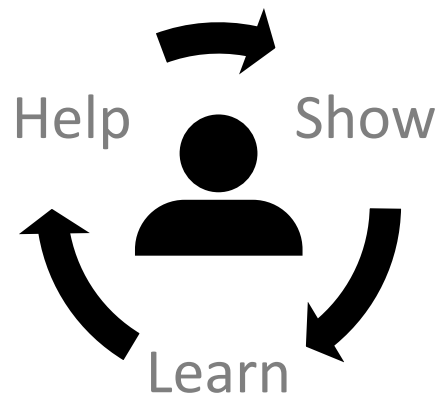


« Human in the loop »

Artificial intelligence that adapts to human behavior.

A continuous learning process where the human is at the center.

Where human feedback on recommendations allows the artificial intelligence to improve.



General process



PDF

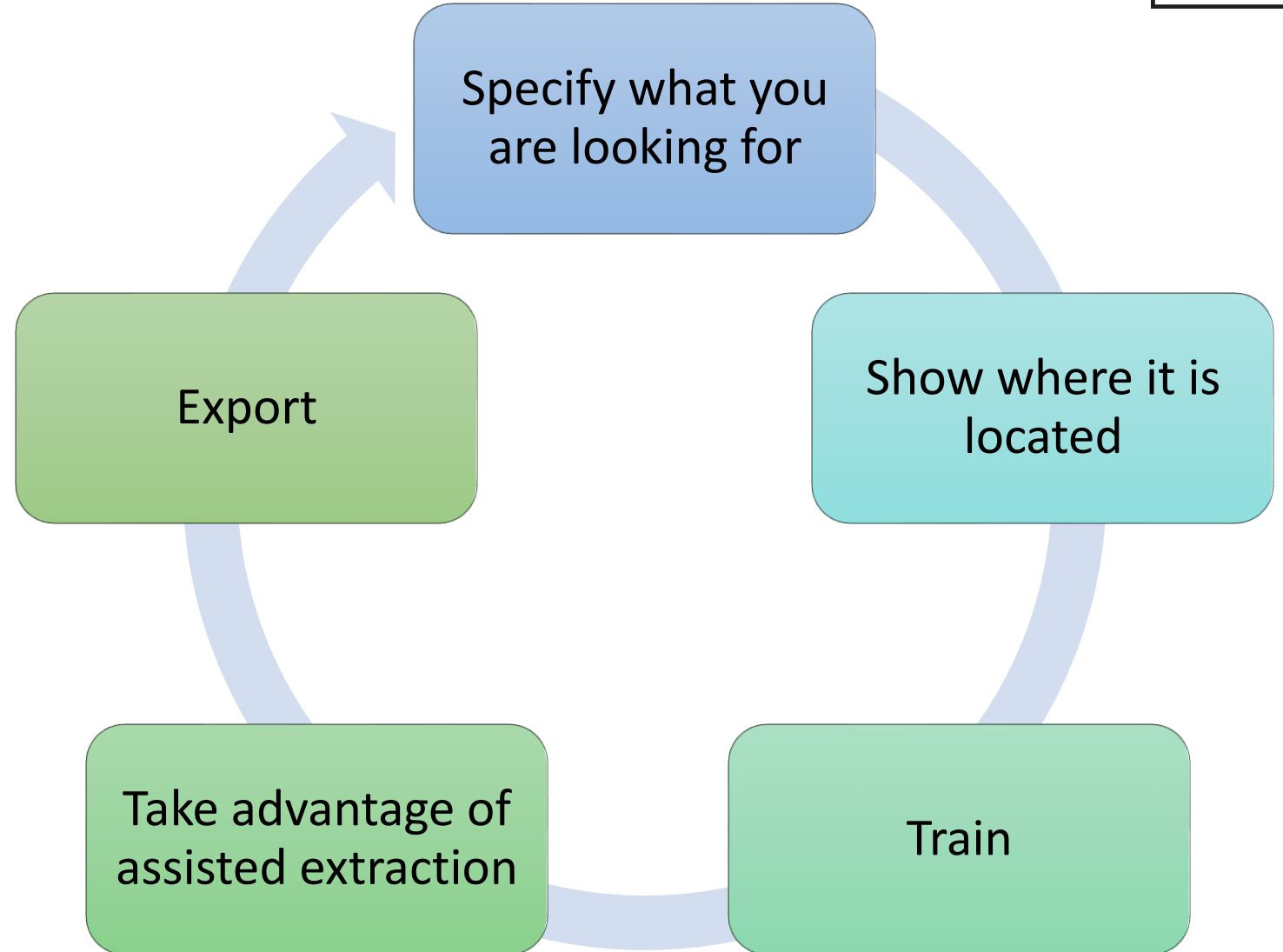


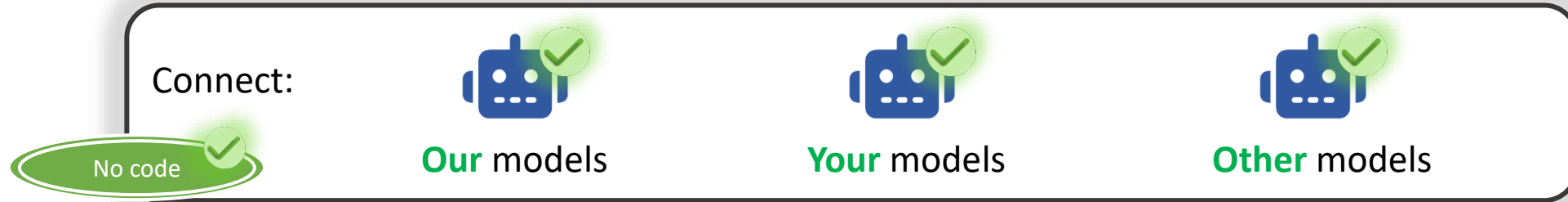
Document
textuel



Image

No code



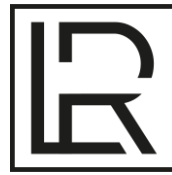


A scalable and agile platform

LR Studio was built with the vision that models will be a commodity within 3-5 years. The platform is therefore designed to easily integrate your models or third party models such as those from GAFAM.

What we want is to offer you the possibility to integrate the state of the art and the greatest scientific advancements in AI. By doing so, it becomes very fast to integrate a new model into LR Studio.

Invoices



LR Studio is able to read invoices and extracts relevant information from them.

Invoices can be in English, French or any other language.

The video shows the extraction of information from an invoice.

LexRock

nom du document: Invoice 2

Annotations: Extended Invoice

Invoice information

Applied tax rates

Invoice line

Accounting supplier party

Invoice recipient

Means of payment

Legal monetary total

Additional information

NR 2.0

B-Tech Pro-AV BVBA

Phone: +32 (0)2 729 92 71
info@bttechproav.com
www.btechavmounts.com

INVOICE
Invoice No.: 000015699

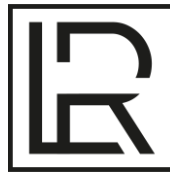
Delivery Address:
EET Group A/S
Tempvej 41
2750 Ballerup
Denmark

Order No.: 0000016885
Order Date: 26/08/2022
Invoice No.: 000015699
Invoice Date: 29/08/2022
Your Order Ref.: 22035894
Account No.: E031

	Commodity Code	Unit Price	Qty	VAT Rate	Discount	Total
1	83024200	63.00	1	0.00	55%	€ 28.35
2	83024200	42.50	6	0.00	55%	€ 114.75
3	94032080	1067.50	1	0.00	55%	€ 480.38
4	83024200	598.00	1	0.00	55%	€ 269.10
5	83024200	236.50	1	0.00	55%	€ 106.43

Outgoing ID 13261504 OCR 1/2 150% Pages 1 / 1

Use Case #1 Invoices

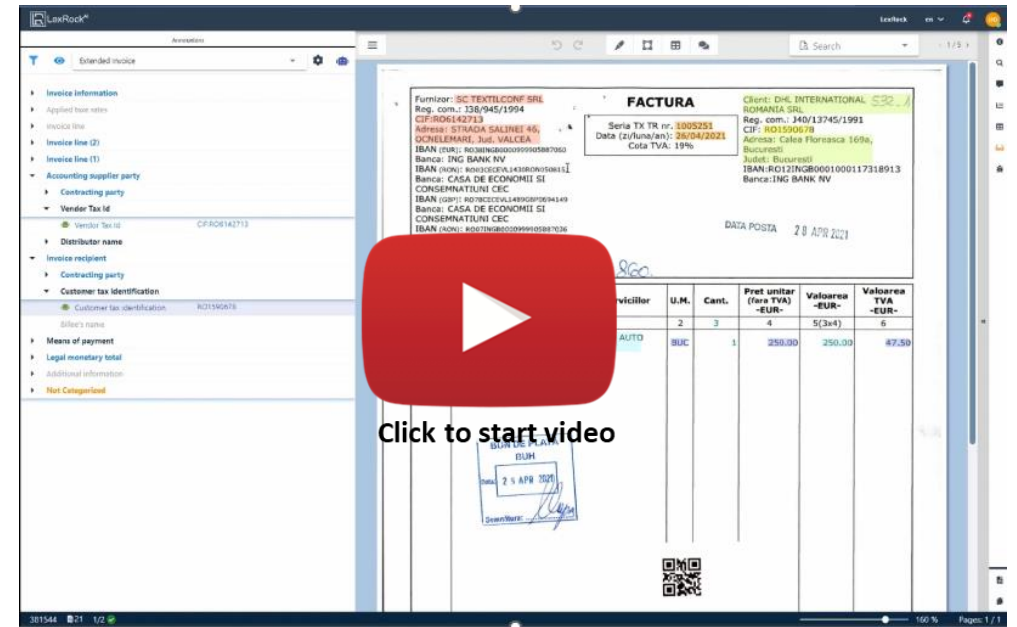


Invoices

LR Studio also processes heterogeneous invoices. You can even process multiple invoices that have a different layout.

Did Roboto miss something? Show him and he'll remember.

The video shows the batch extraction of multiple invoices and its export to a Ms Excel spreadsheet.



Use Case #2

Invoices

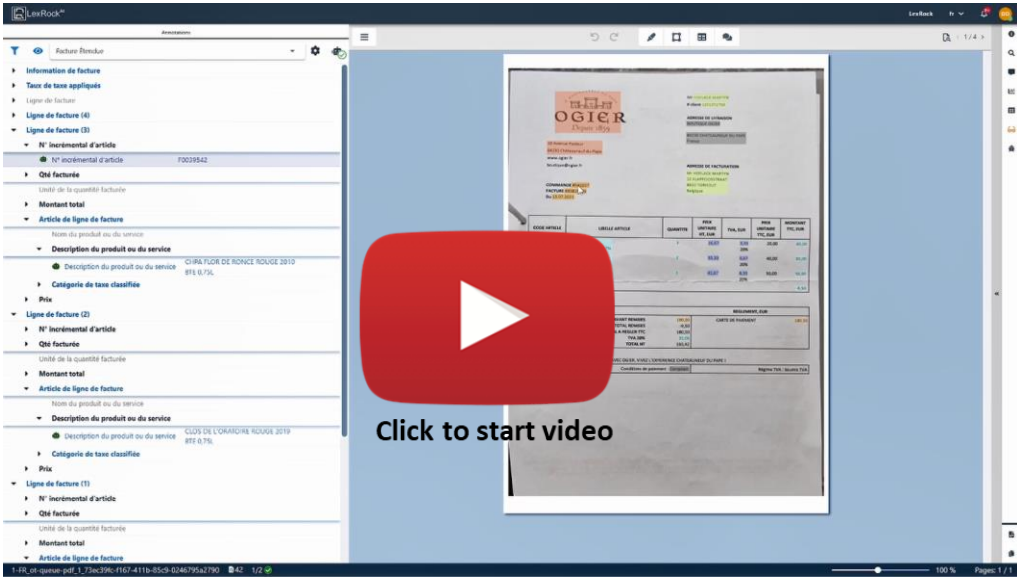


Invoices

LR Studio also processes heterogeneous invoices. You can even process multiple invoices that have a different layout.

Did Roboto miss something? Show him and he'll remember.

The following video (with sound) shows the agility of our platform to handle multiple types of invoices and to learn from its user.



Click to start video

Use English subtitles

Use Case #3

Invoices with learning

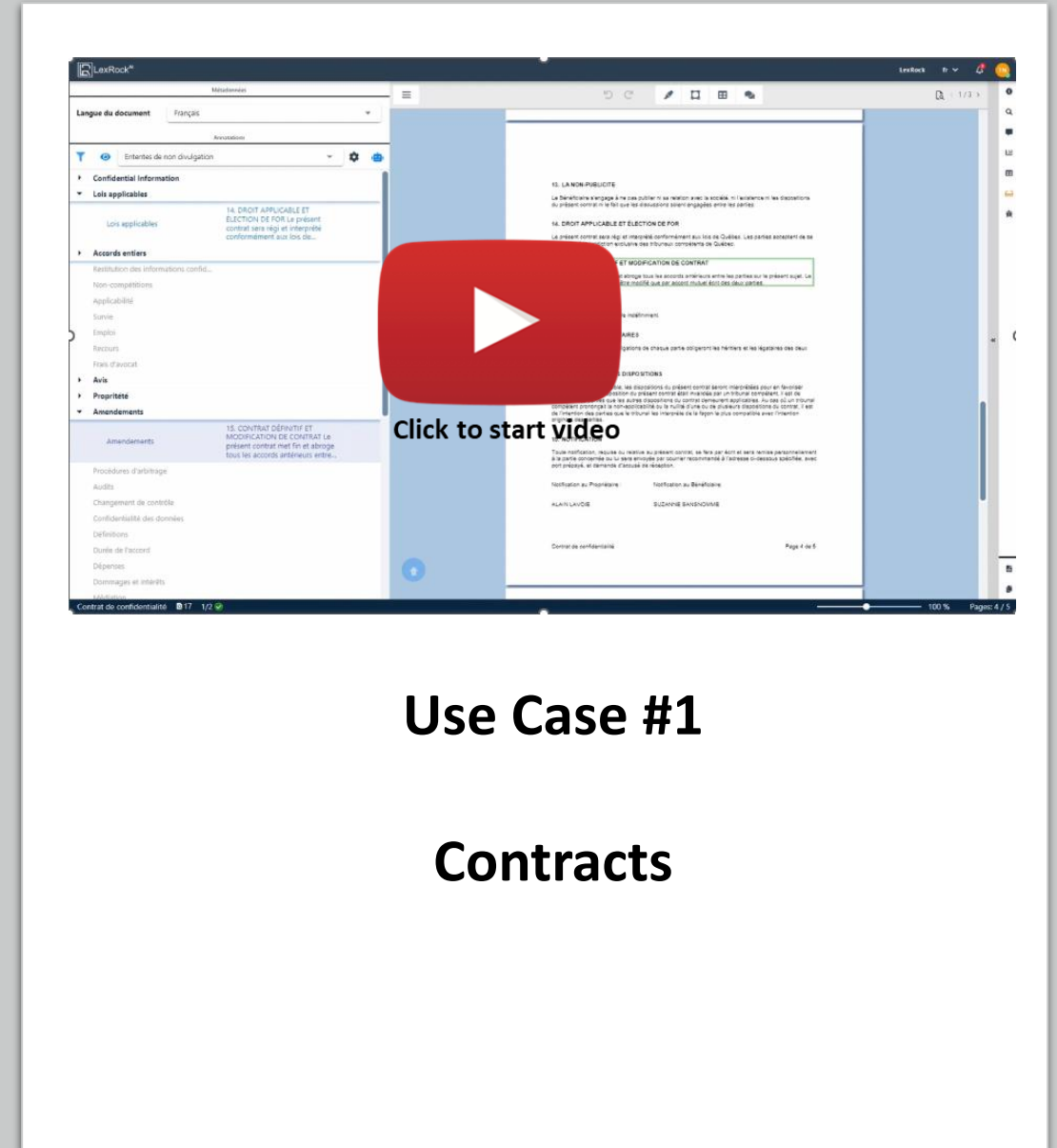


Contracts

The LR Studio platform is also valuable for helping legal and procurement professionals.

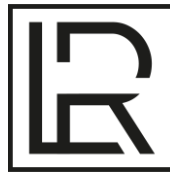
Roboto is able to identify relevant clauses in contracts. In the language of your choice.

It can even compare two contracts drafted by two different lawyers in two different languages.



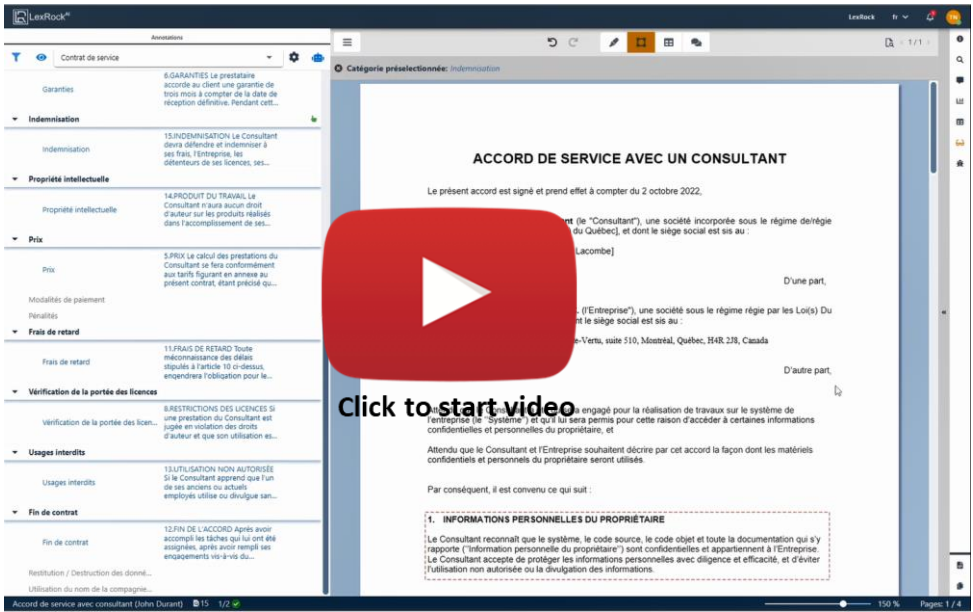
Use Case #1

Contracts



Contracts

The following video shows how to use our platform to create a repository of clauses for comparison with external contract clauses.



The screenshot displays the LexRock platform interface. On the left, a sidebar lists various contract clauses under the heading 'Contrat de service'. The main area shows a document titled 'ACCORD DE SERVICE AVEC UN CONSULTANT'. A red play button icon is overlaid on the document, with the text 'Click to start video' below it. The document content includes sections like 'Garanties', 'Indemnisation', 'Propriété intellectuelle', 'Prix', 'Frais de retard', 'Vérification de la portée des licences', 'Usages interdits', and 'Fin de contrat'. The bottom of the interface shows a status bar with 'Accord de service avec consultant (John Durent)', '15', '1/2', and 'Page: 1 / 4'.

Use English subtitles

Use Case #2

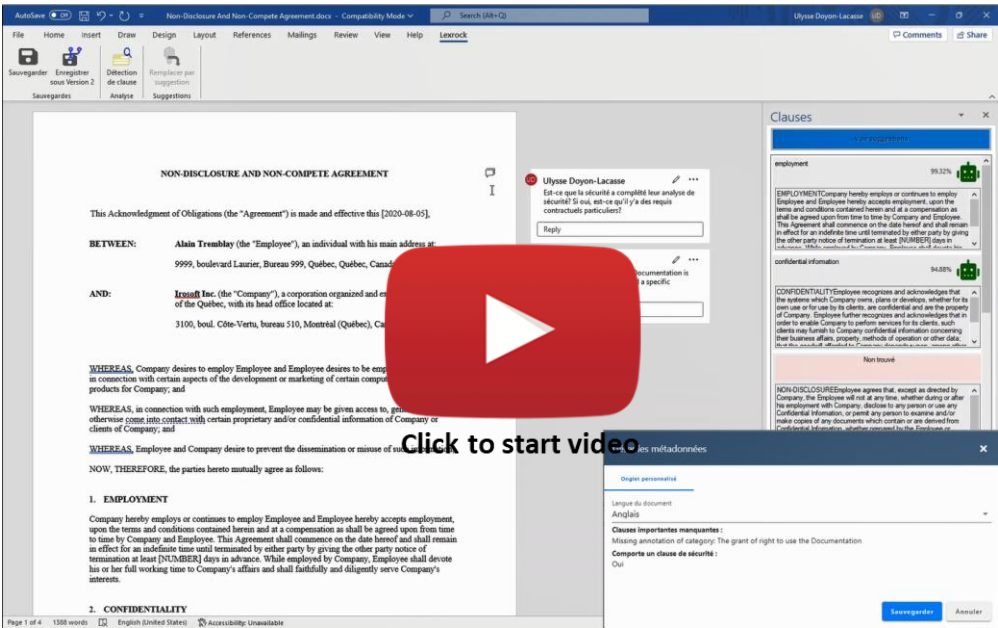
Contracts

Reference Corpus



Contracts

The following video shows an integration in MS WORD using our LR Studio API in the context of contract review.



Click to start video

Use English subtitles

Use Case #3

Contracts

MS-Word integration



Accuracy

Identifying clauses in a contract is a task that Roboto can do quite well.

In some cases, it can even be more precise and return information relevant to a specific clause.

In the example, we are returning the square footage, in this case 8,522 sf.

The screenshot displays the LexRock AI interface. On the left, a sidebar titled 'Extractions suggérées' lists various contract clauses. The main document view shows a lease agreement with several clauses highlighted. A red box highlights clause 1.04, which mentions 'Approximately 8,522 square feet with approximately eighty-two (82) linear feet of interior frontage'. The bottom status bar shows the document name '80-005_TSA_AMERICAN EAGLE', page number '175', and a zoom level of '140 %'.

LexRock

Recherche

1 / 3

Extractions suggérées

Afficher toutes les similaires

- › Cancellation - lessee/lessor
- › Cancellation - Tenant Rights
- › Certified sales and audit
- › Charges - Interest/Penalties
- › Co-Tenancy
- › Continuous Operation
- › Initial Term
- › Insurance, Requirement&Certifi
- › Minimum rent
- › Radius

99.25 % 1.04 Area: Approximately 8,522 square feet with approximately eighty-two (82) linear feet of interior frontage...

8,522 square feet

- › Re-adjustment Period
- › Relocation
- › Restriction-repairs
- › Right to transfer
- › Use
- › others

LANDLORD AND TENANT, in consideration of the covenants herein contained, hereby agree as follows:

ARTICLE 1.00 PRINCIPAL PROVISIONS AND DEFINITIONS

1.01 Addresses for Purposes of Notice:

Landlord:

Tenant:

Attention: Lease Administration

1.02 Location of Premises: Premises No. 542

1.03

1.04 Area: Approximately 8,522 square feet with approximately eighty-two (82) linear feet of interior frontage, and if actual measurements as established by Article 1.18.3 vary from the approximate square footage mentioned in this Article 1.04, then all amounts calculated in this Lease based on the Area will be adjusted accordingly pursuant to Article 4.20.

1.05 Term: The period of time commencing on the date which is, subject to the provisions of Article 3.01, the earlier of:

(a) the Grand Opening Date of the Shopping Centre, as determined by Landlord; or

(b) the day immediately following the expiry of the Fixturing Period,

80-005_TSA_AMERICAN EAGLE 175 1/2 140 % Pages: 5 / 94

Clause extraction with accuracy



LexRock AI

LexRock fr 1/3

Recherche

Extractions suggérées

Afficher toutes les similarités

- › Cancellation - lessee/lessor
- › Cancellation - Tenant Rights
- › Certified sales and audit
- › Charges - Interest/Penalties
- › Co-Tenancy
- › Continuous Operation
- › Initial Term
- › Insurance, Requirement&Certifi
- › Minimum rent
- ▼ Radius

99.25 % 1.04 Area: Approximately 8,522 square feet with approximately eighty-two (82) linear feet of interior frontage

[buildings]

8,522 square feet

Re-adjustment Period

Relocation

Restriction-repairs

Right to transfer

Use

others

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80-005_TSA_AMERICAN EAGLE 175 1/2

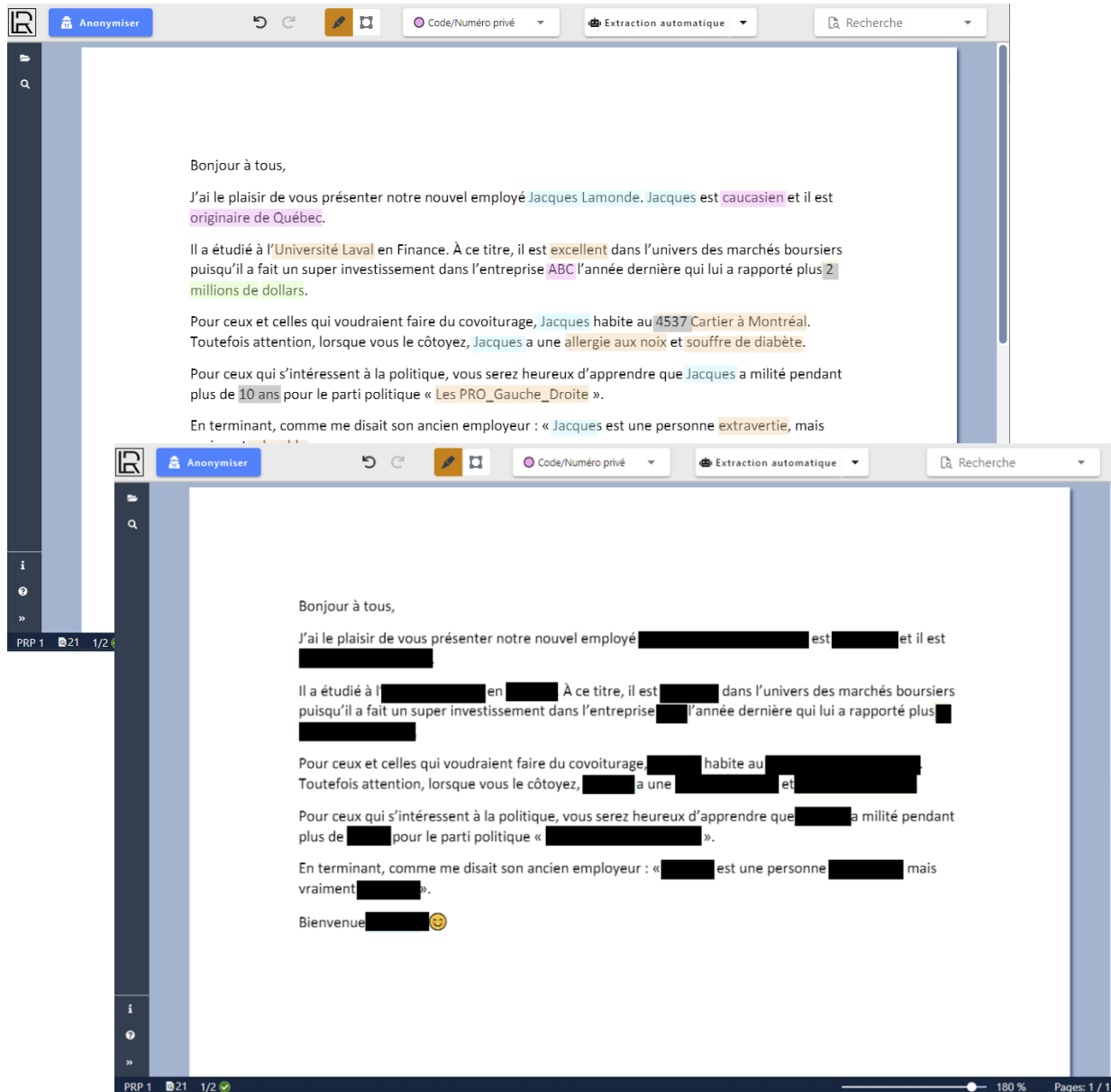
140 % Pages: 5 / 94



LR Protect

Data privacy legislation is leading organizations to anonymize their documents.

LR Protect, a product derived from LR Studio, is designed to help organizations to find documents containing personal information and to mask them in order to protect them.



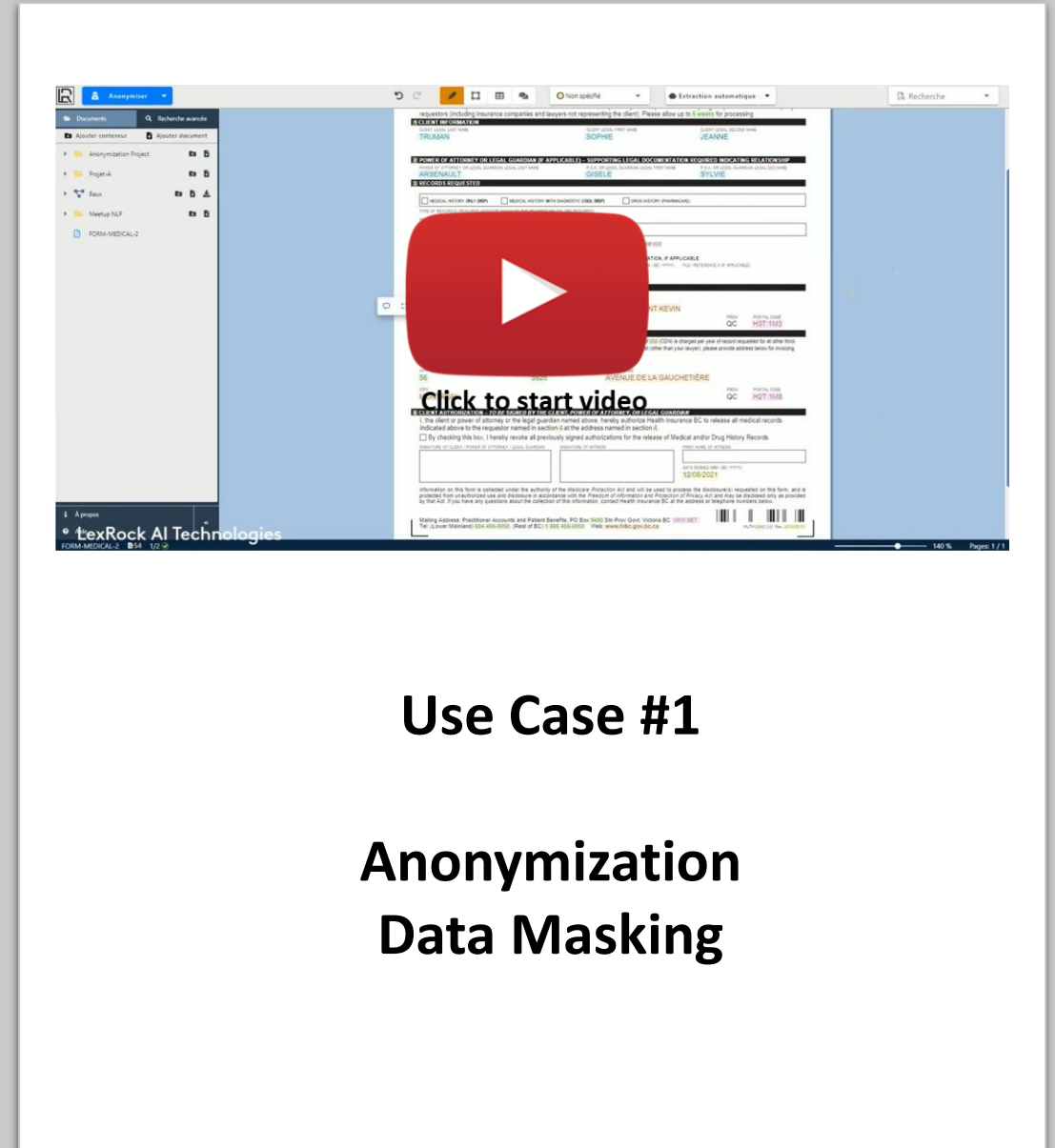


LR Protect

LR Protect is a tool that helps organizations to detect documents containing personal information.

LR Protect helps users to mask sensitive information, including personal information.

The video shows an example of anonymizing a document.



Use Case #1

Anonymization Data Masking

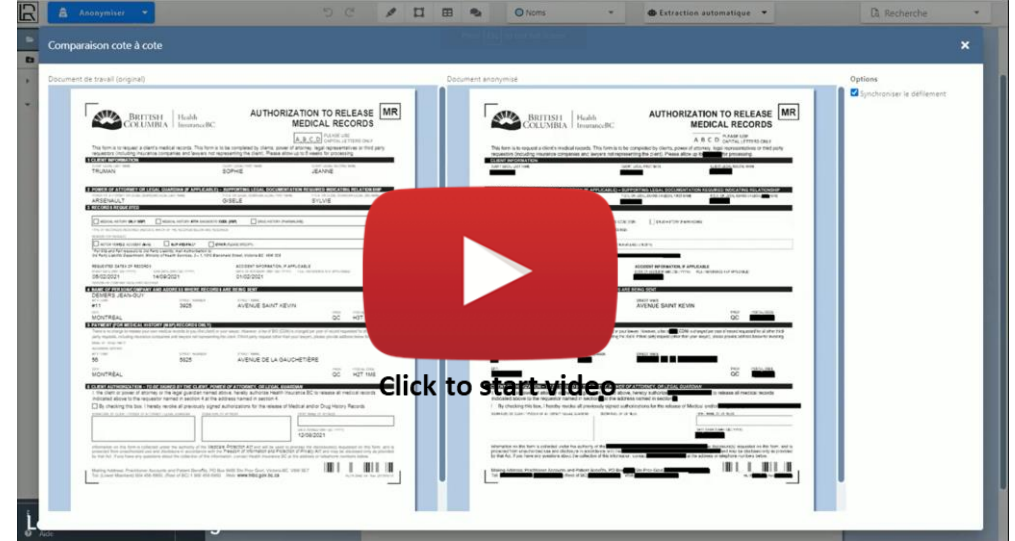


LR Protect

A tool that offers the latest scientific advancements in Named Entity Recognition (NER).

You want to find information not provided by our tool. Ask for it and we will add it.

The video shows a preview of the anonymized document before its creation.



Use Case #2

Anonymization Data Masking



Our tool can help you to speed up this task.

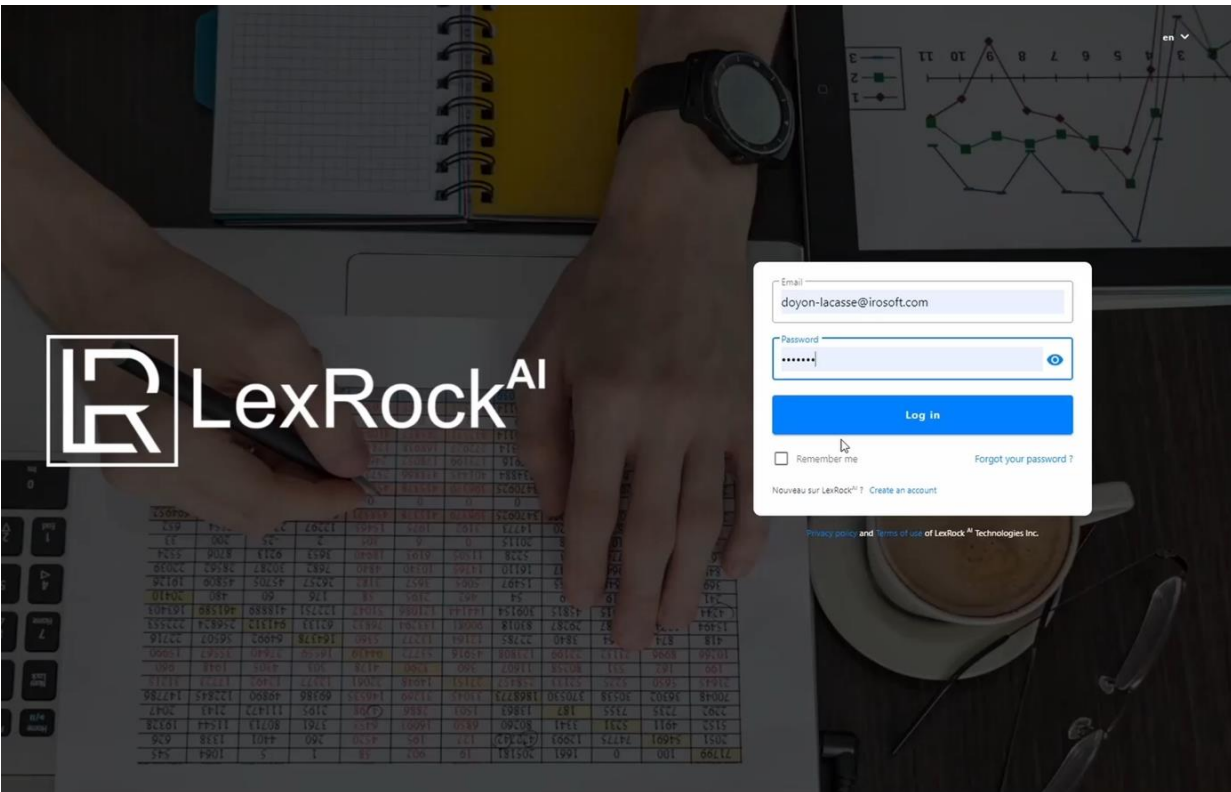
The video shows how we detect information and anonymize a photo from a driver's license.



Anonymization driver's license



LR Studio/LR Protect



- Simple, flexible, useful, multilingual
- PDF, images, text documents
- Uses the latest scientific advancements in AI
- Created by specialists with 25+ years of experience in artificial intelligence applied to natural language processing and understanding



You have a challenge for us?

Our platform can handle
many use cases.

Let our teams guide you in
the study of your needs.

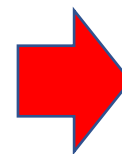


Thank you!

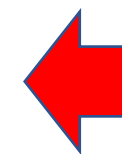


LexRock^{AI}

Use the intelligence of your documents



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OUR SOLUTIONS

Solutions using an annotation and active learning platform for the creation and enhancement of textual data, enabling their exploitation by artificial intelligence (NLP/NLU/ML/DL). AI-based solutions capable of learning and interacting with humans, complementary to OCR engines.

CONTACT

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ebodovsky@lexrock.ai
T : +1 438 506-0658

4 Place Ville-Marie, 3e étage (réception)
Montréal, Québec, Canada
H3B 2E7

Push human limits with artificial intelligence