ORPALIS
imaging technologies

Your multiformat solutions for
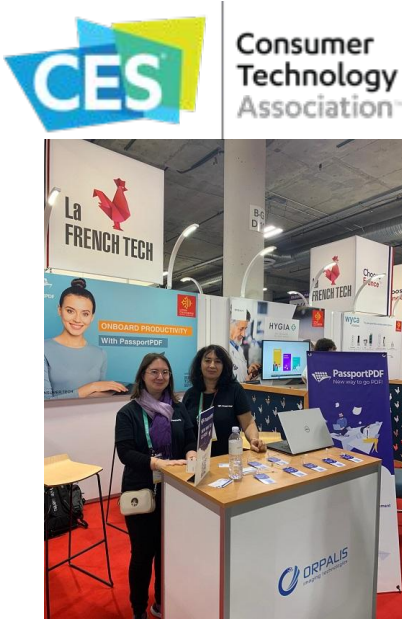viewing, converting, and
archiving your files

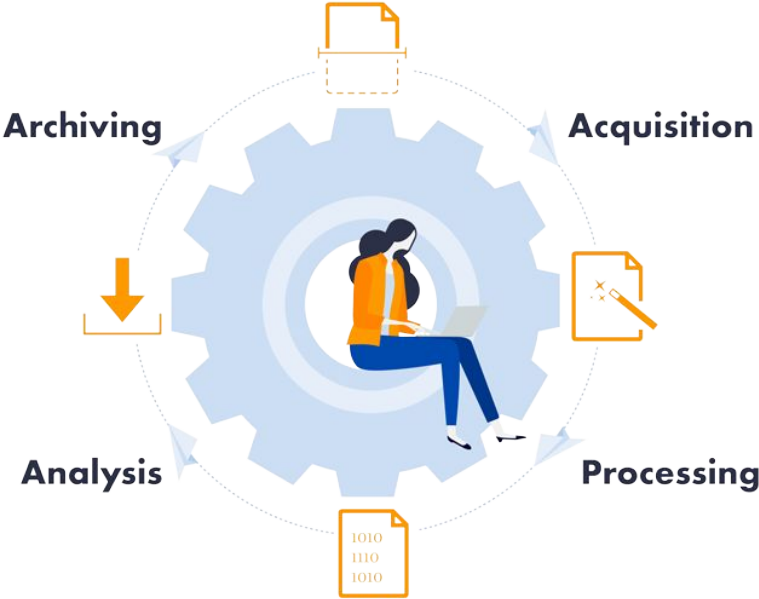PDF Days Online 2021 - Solution Days

ORPALIS Imaging Technologies: PDF Experts since 2003

Our Technologies

Archiving

Acquisition

Analysis

Processing
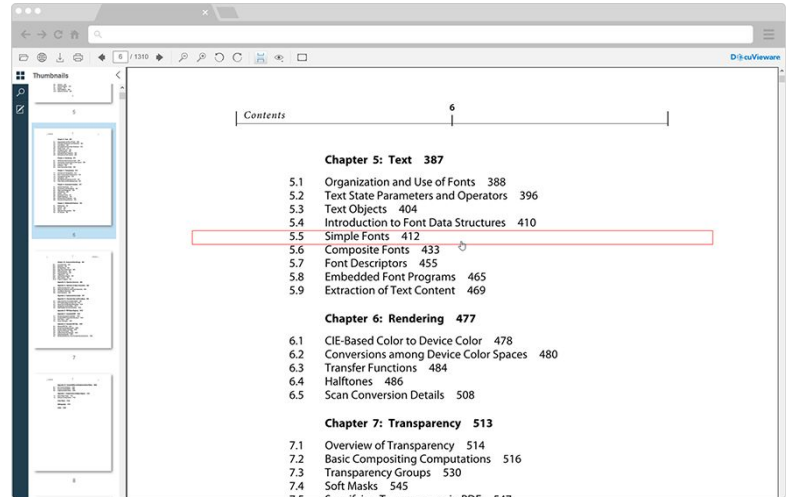
View, Edit & Convert: PDF Viewer

Add a **customizable** and **fully-featured** viewer to your applications.

- displays complex files instantly,
- crystal clear rendering,
- full Unicode support,
- support for all versions of PDF and PDF/A and 100+ document, office, and image formats,
- thumbnails,
- bookmarks & document navigation,
- print,
- annotations & comments, and more!
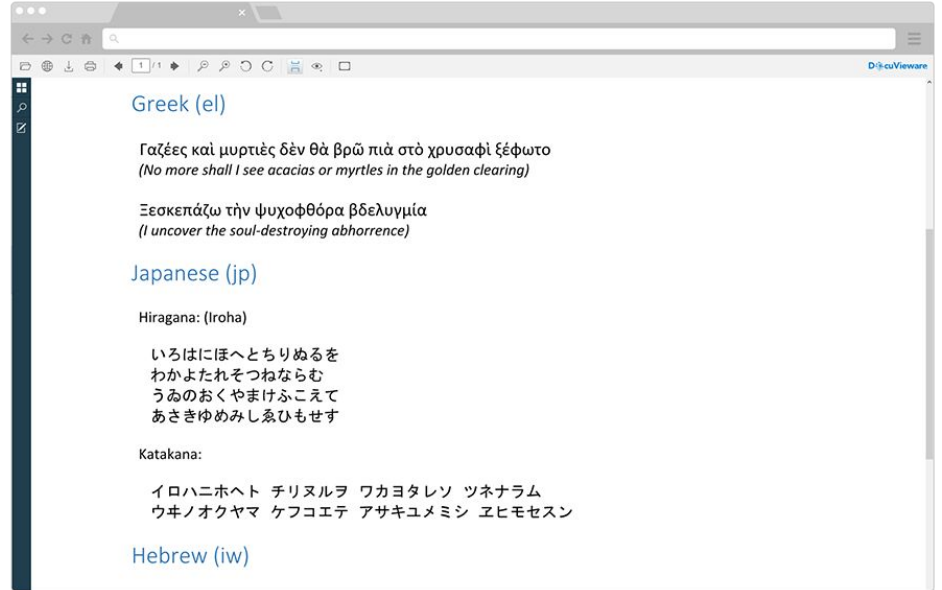

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View, Edit & Convert: PDF Generation

Create **structured**, **secure**, and **compliant** PDF files (all versions including PDF 2.0).

Go a step further and build **accessible** PDFs with **PDF/UA generation** feature. Make your PDFs ready for long-term archiving with **PDF/A compliance** or generate PDF files for the Web with **linearization**. You can also add:

- layers,
- transparency,
- images,
- other contents,
- and more!

Greek (el)

Γαζέες καὶ μυρτιὲς δὲν θὰ βρῶ πιὰ στὸ χρυσαφὶ ξέφωτο
(No more shall I see acacias or myrtles in the golden clearing)

Ξεσκεπάζω τὴν ψυχοφθόρα βδελυγμία
(I uncover the soul-destroying abhorrence)

Japanese (jp)

Hiragana: (Iroha)

いろはにほへとちりぬるを
わかよたれそつねならむ
うゐのおくやまけふこえて
あさきゆめみしゑひもせす

Katakana:

イロハニホヘト チリヌルヲ ワカヨタレソ ツネナラム
ウヰノオクヤマ ケフコエテ アサキユメミシ ヱヒモセスン

Hebrew (iw)

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View, Edit & Convert: 100+ Formats Conversion to PDF

- Advanced document conversion capabilities from **+100 file formats**.
- Compress and optimize your files during conversion, make your documents searchable, and compatible for long-term archiving.
- Convert and combine **Office formats**, **CAD**, **SVG**, **DICOM**, and other **images formats** to **all versions of PDF and PDF/A**.
- We also provide tools to convert to other formats!

Convert to PDF
Convert more than 100 file formats to PDF

Combine to PDF
Combine files in over 100 formats to PDF

Convert to PDF/A
Convert PDF to PDF/A for long-term archiving

Scan to PDF
Select a device, choose settings, and scan directly from the browser to PDF

PDF to TIFF
Convert a PDF document to a TIFF image

PDF to JPG
Convert a PDF document to a JPG image

PDF to PNG
Convert a PDF document to a PNG image

Word to PDF
Convert a Word document to PDF

Excel to PDF
Convert an Excel document to PDF

**PowerPoint to PDF**
Convert a PowerPoint document to PDF

TIFF to PDF
Convert a TIFF image to PDF

JPG to PDF
Convert a JPG image to PDF

PNG to PDF
Convert a PNG image to PDF

DXF to PDF
Convert a DXF document to PDF

PDF to Text
Convert a PDF to a text file

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Scan & Print: Scan to PDF

- Acquire documents from scanners and digital cameras with **TWAIN** and **WIA** capabilities.

- Develop fully-featured scanning application with duplex scanning, blank page detection, and advanced batch features.

- Capture documents from a local TWAIN scanning device and process them in a **web application**.
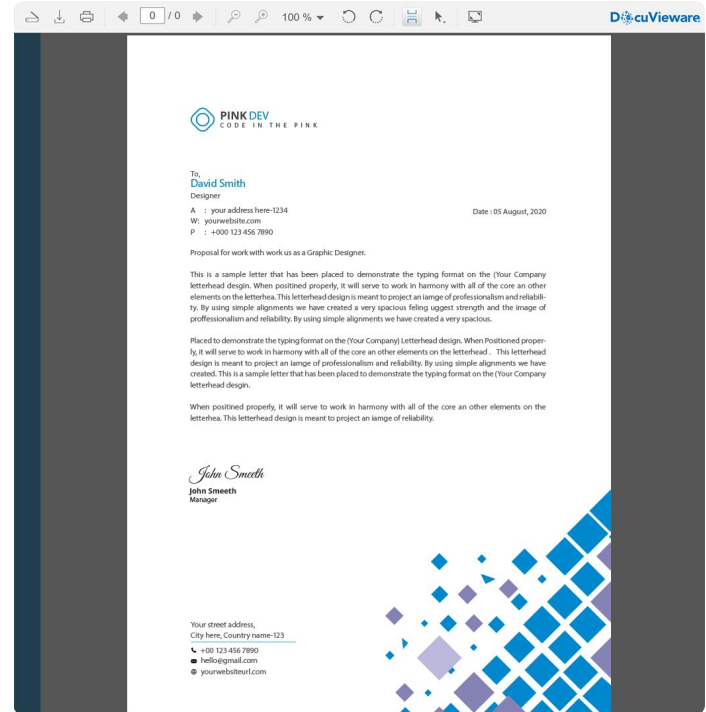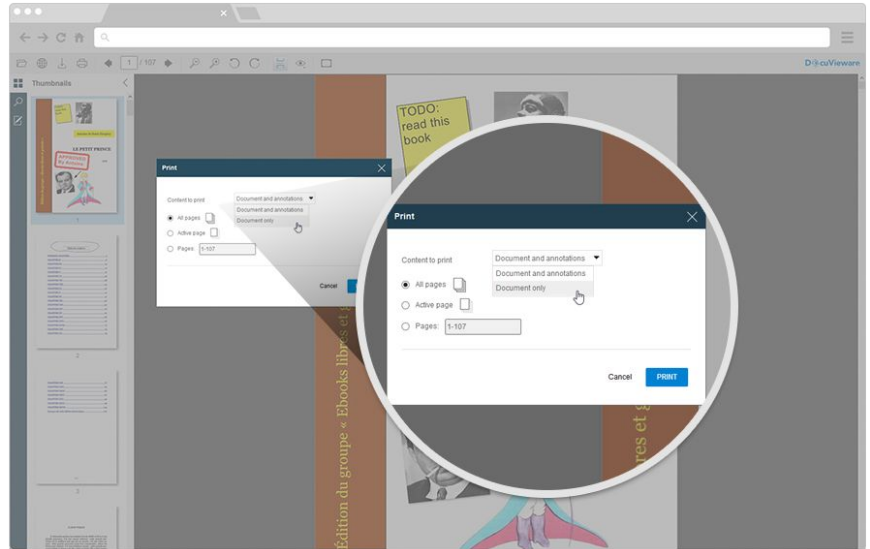
Scan & Print: Printing Support

Print any document on any printer!

Our solutions offer a **wide range** of printing capabilities, including:

- single page and multi-page document support,
- printer dialog boxes,
- printer selection,
- print quality mode,
- printing alignment,
- paper tray selection,
- and more.

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Compress & Optimize: Hyper-Compression

The ORPALIS hyper-compression engine is based on innovative **MRC (Mixed Raster Content)** technologies producing spectacular results by automatically adjusting the tradeoff between quality and compression rate to provide top quality PDF MRC documents at the **smaller possible size**.

The MRC engine can handle any document, including forms, photos, and vectors.

2 MB

Image Document

Compressed Layers

30 KB

MRC PDF Document

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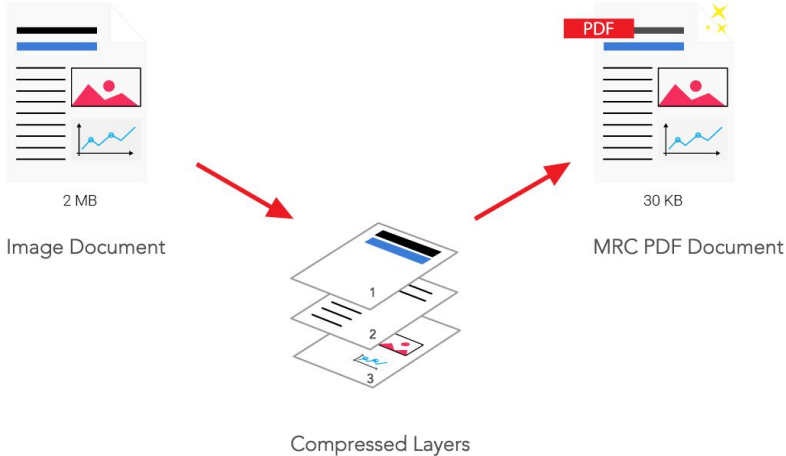
Compress & Optimize: Optimization

Probably the most comprehensive PDF optimization engine of the market. More than ten years of continuous research have been required to address all areas of compression and optimization, focusing on:

- font optimization,
- data compression,
- and image analysis.

Want to dive more into the technical details? Read our article about PDF optimization.

Optimization of existing PDF files: issues, constraints, and methods

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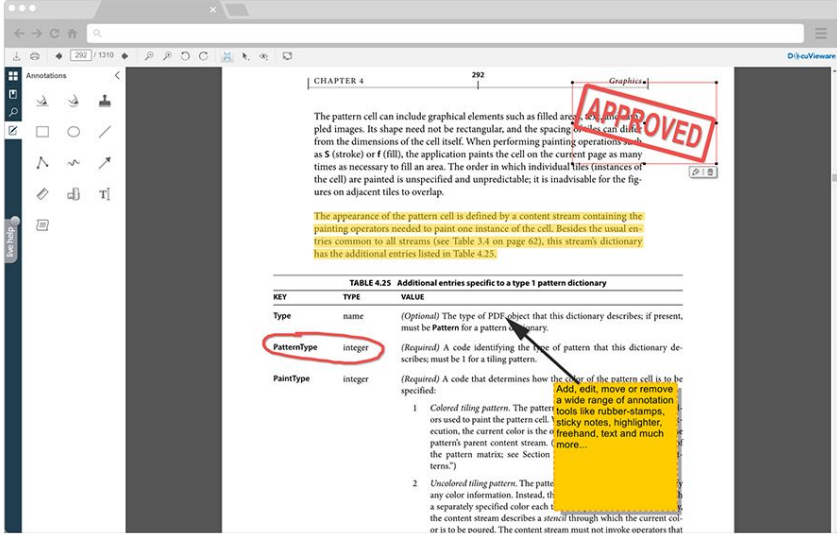
YOUR DOCUMENT IMAGING PARTNER

Collaborate: Annotations & Comments

Bring **XMP annotations** and collaborative features to your PDF, office, and image files with:

- edition,
- custom annotations,
- rubber-stamp,
- sticky notes,
- freehand,
- text,
- and more.

Ease real-time collaboration and workflows by adding **comments** and setting **permissions**.

Collaborate: Form Fields Support

- Create,
- edit,
- flatten,
- and print form fields.

All modifications are displayed in the viewer in **real-time**.

Full support for PDF transparency schemes for rendering and PDF creation is included.

Integrate instant collaborative form filling processes in your workflows with the HTML5 viewer.

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Collaborate: Edition & Manipulation

Edit and **modify** your PDF files any way you want:

- Split, swap, delete, and merge documents,
- append,
- clone,
- rotate pages,
- make content changes,
- extract fonts,
- edit annotations and other graphical elements,
- repair corrupted documents.
- and more!

Display the modified PDF in the viewer in real-time.
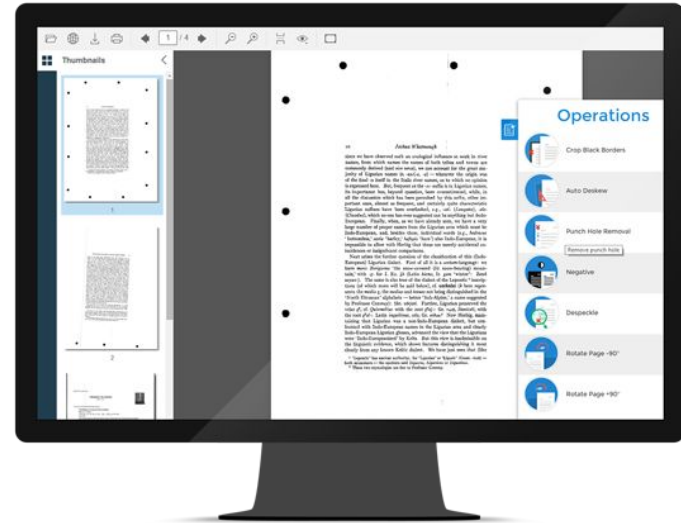
Analyze: Optical Character Recognition (OCR)

Based on a continuously improved technology, the **ORPALIS OCR engine** provides features such as text recognition on a specific area of an image and the ability to create searchable PDF/A files (PDF-OCR) from scanned documents, images or existing PDF documents.

- built-in multi-threading support,
- handles more than 100 languages,
- can process more than 100 document formats.

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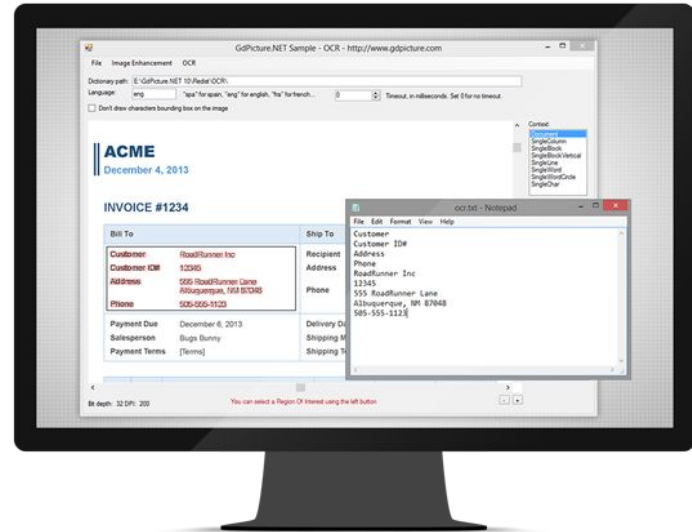
Analyze: Optical Mark Recognition (OMR)

OMR and **Template Recognition** features

The forms processing engine provides an anchoring mechanism (also known as template recognition) and Optical Mark Recognition features.

The **anchoring mechanism** can help align the area to be processed by filters, OMR, OCR, or barcode recognition.

Analyze: Barcode Reading & Writing

ORPALIS offers full support for **1D** and **2D** barcode reading and writing features (linear, DataMatrix, QR Code and Micro QR Code, PDF417, Aztec code). The various barcode engines deliver fast and accurate results, even on poor-quality documents and partial images, thanks to **fuzzy logic** and **AI technologies**.
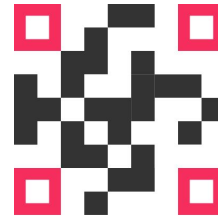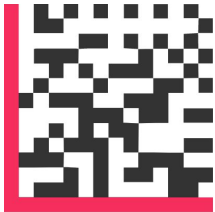
Analyze: Magnetic Ink Character Recognition (MICR)

Add MICR capabilities to your banking and check reader applications and decode **E-13B** and **CMC7** fonts.

The engine detects and decodes the MICR line with outstanding speed and accuracy from any **structured document** such as checks by analyzing the full page layout.

Analyze: Machine Readable Zone (MRZ)

- Works on small, far away, blurred, partially occluded, skewed or slanted documents.

- Extracts information from local identity cards, passports, enhanced driver licenses, visas, resident cards, and more.

- The detector is **agnostic** and supports **all MRZ types** (Travel Documents 1/2/3, MRVA, MRVB) regardless the font, content, shape, or country.

Analyze: Automatic Document Recognition (ADR)

ADR is an intelligent engine designed for **automatic document classification** and categorization tasks in a document and information management system. It allows your applications to identify

- invoices & orders,
- checks,
- forms,
- delivery notes,
- page separators,
- or any structured document.

It can also be used to develop **image comparison applications**.


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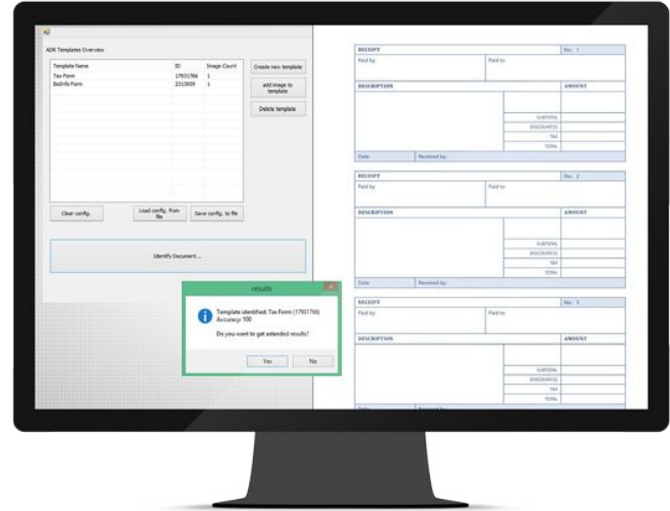
Analyze: Tagged PDF & PDF/UA

Generate tagged PDFs from scratch and create accessible documents.

ORPALIS PDF SDKs includes PDF/UA support to generate and validate fully **accessible and ISO compliant PDF files**. Well-tagged PDFs can reflow and their content can fit different screens or mobile devices better.

Everyone benefits from tagged PDFs!
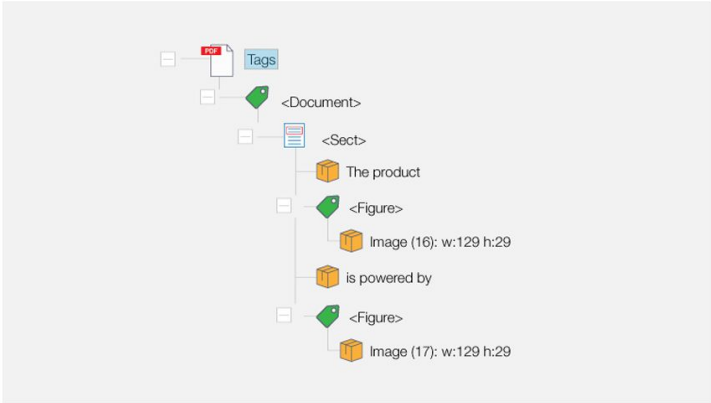
Secure: Encryption

- Secure documents with **password protection** and adjusting **permissions** on the document.

- Remove password security of a PDF.

- Make your digital signing process safe with the latest encryption technologies (SHA-256 & AES-256 algorithms).

Remember to use PDF 2.0 for the highest encryption level!

Secure: Signatures

Use **digital signatures** and **certificates** to ensure the authenticity and integrity of your PDF documents.

Add advanced signing support with a high-security level to all your applications, thanks to **PDF/A** compliance and support for digital certificates, **timestamps**, and **multiple signatures**.
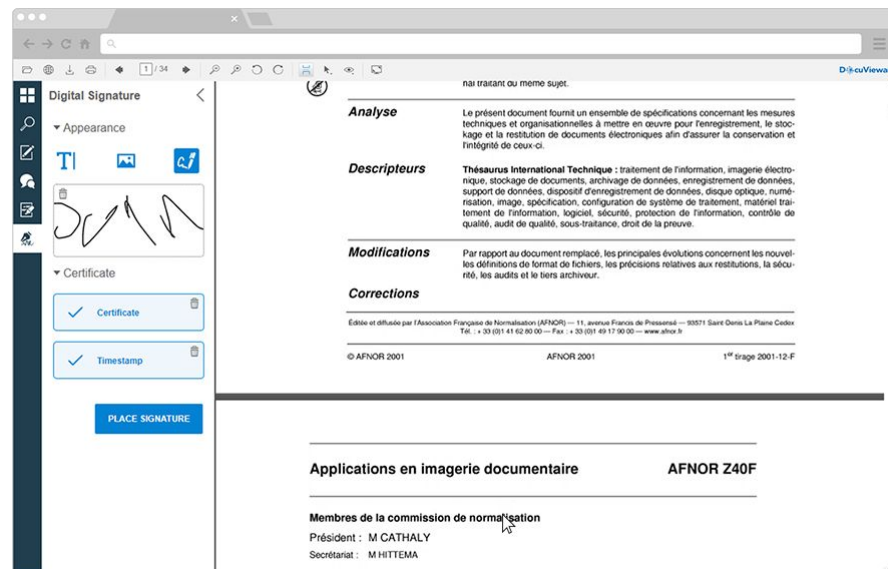
Secure: PDF Redaction

- Remove sensitive and personal data from your PDF documents.

- Integrate PDF Redaction features in your workflows to safely share or archive your files.

- Build applications compliant with **data privacy and protection regulations** (GDPR, CCPA).
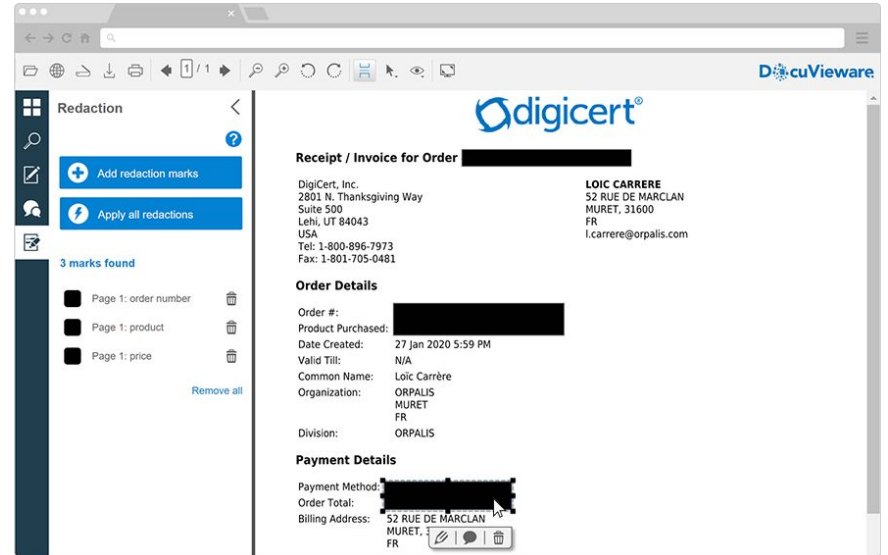
Secure: PDF/A Support

- Convert your PDF files and documents to PDF/A (all versions), the **ISO standard for long-term archiving**.

- PDF/A files created with our engine are **ISO-compliant**, and you can check your files with our **PDF/A validator**.

- Converted files are fully **searchable** and keep a **reasonable size** thanks to the hyper-compression engine.

Our Solutions: Enterprise-grade Intelligent Document Processing SDKs

Desktop components

Web components

REST API

Our Solutions: Productivity Apps

AvePDF

PDF OCR

Autobahn DX

PaperScan

PDF Reducer

Aquaforest Kingfisher

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Our Solutions: Microsoft SharePoint Solutions

Automated OCR Sharepoint Solution

Automated Tagging for SharePoint and Office365

Sharepoint Reporting Tool for duplicates and more

Our Solutions: Low-code / No-code

Power Automate

Aquaforest
PDF Connector

zapier

Coming soon

Thank you for your attention!
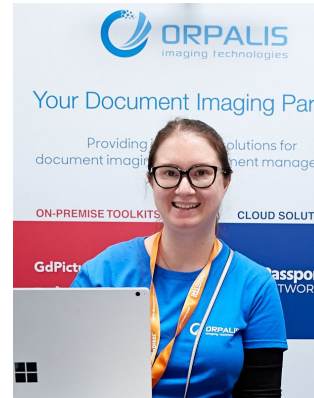
Let us know how we can help!

Reinaldo Barreiros

Business Development
Manager

r.barreiros@orpalis.com

Mobile: +33.7.87.26.10.55

Elodie Tellier

COO & Communication
Manager
PDF Association Board
member

e.tellier@orpalis.com

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