



## PRESENTATION



### **What is D2FAN?**

D2FAN (formerly AFDD) is a software accessible on the Internet intended for the forensic analysis of digital documents.

The program reviews the document, indicates whether it complies with security standards that prohibit modification, and provides detailed information about the scanning characteristics (**Metadata**).

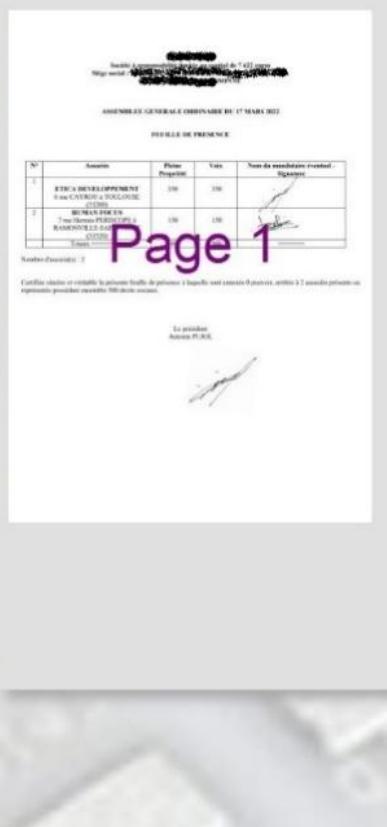
Document: Courrier du 17-09-18 PJP-pages-25-29.pdf								
Titre:	Autre:	Créé le:	Modifié le:	Signé le:	Format:	Format:	Format:	Format:
		01/01/0001 01:00:00		01/01/0001 01:00:00				
Conférence (PDF, 1):	Non			Signature électronique:				
Police intégrées:								
Page	Images	Dimensions (l x h) :	Position :	Rotation :	Résolution :	Images couleur :	Images N/B :	Eléments de texte
1	2 (couleur, 2,75B, 1)	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°1	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°2	181,0 x 180,4 mm	0,24,8 x 24,7	0°	300 dpi	0,0B (1 type)	0	0
2	3 (couleur, 2,75B, 1)	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	2	0	0
	image n°1	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°2	14,2 x 8,8 mm	0,181,0 x 0,24	0°	300 dpi	0,0B (1 type)	0	0
	image n°3	171,0 x 287,0 mm	0,24 x 33,8	0°	300 dpi	0,0B (1 type)	0	0
3	3 (couleur, 2,75B, 1)	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	2	0	0
	image n°1	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°2	11,8 x 7 mm	0,191,1 x 0,7	0°	300 dpi	0,0B (1 type)	0	0
	image n°3	176,0 x 296,4 mm	0,24 x 33,2	0°	300 dpi	0,0B (1 type)	0	0
4	3 (couleur, 4,75B, 1)	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	4	0	0
	image n°1	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°2	28,7 x 20,1 mm	0,180,8 x 1,4	0°	300 dpi	0,0B (1 type)	0	0
	image n°3	8,1 x 2,7 mm	0,192,8 x 0,6	0°	300 dpi	0,0B (1 type)	0	0
	image n°4	8,1 x 0,6 mm	0,203,2 x 0,0	0°	300 dpi	0,0B (1 type)	0	0
	image n°5	176,0 x 246,3 mm	0,27,8 x 42,3	0°	300 dpi	0,0B (1 type)	0	0
5	3 (couleur, 4,75B, 1)	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	4	0	0
	image n°1	210,0 x 296,8 mm	0,0 x 0,0	0°	300 dpi	0	0	0
	image n°2	176,4 x 294,8 mm	0,190,2 x 0,0	0°	300 dpi	0,0B (1 type)	0	0
	image n°3	87,8 x 236,0 mm	0,62,0 x 48,2	0°	300 dpi	0,0B (1 type)	0	0
	image n°4	8,1 x 14,2 mm	0,180,8 x 10,8	0°	300 dpi	0,0B (1 type)	0	0
	image n°5	171,4 x 260,7 mm	0,26,4 x 24,7	0°	300 dpi	0,0B (1 type)	0	0

The program also provides:

- Predefined graphical processing functions (**Analysis**) to highlight any inconsistencies in the structure or shape of the document,

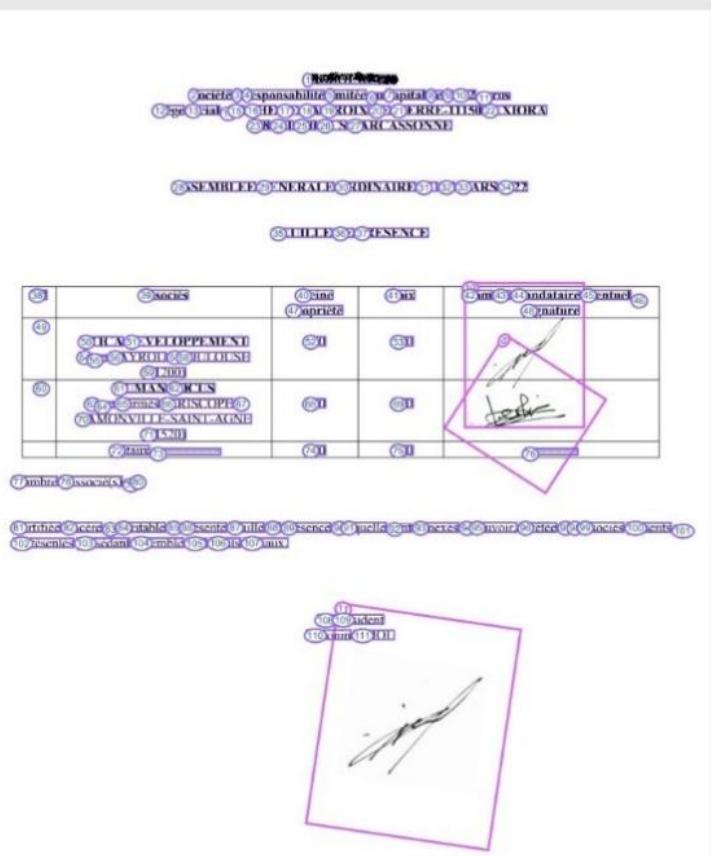
## Analyse forensique de documents digitaux

Choisir un fichier ou le déposer ici



Page 1 << < > >> Original Tous éléments Annotations Textes Images 3D-RGB Zones suspectes Comparaison

Numéros



## Analyse forensique de documents digitaux

Choisir un fichier ou le déposer ici



Page 1 << < > >> Original Tous éléments Annotations Textes Images 3D-RGB Zones suspectes Comparaison

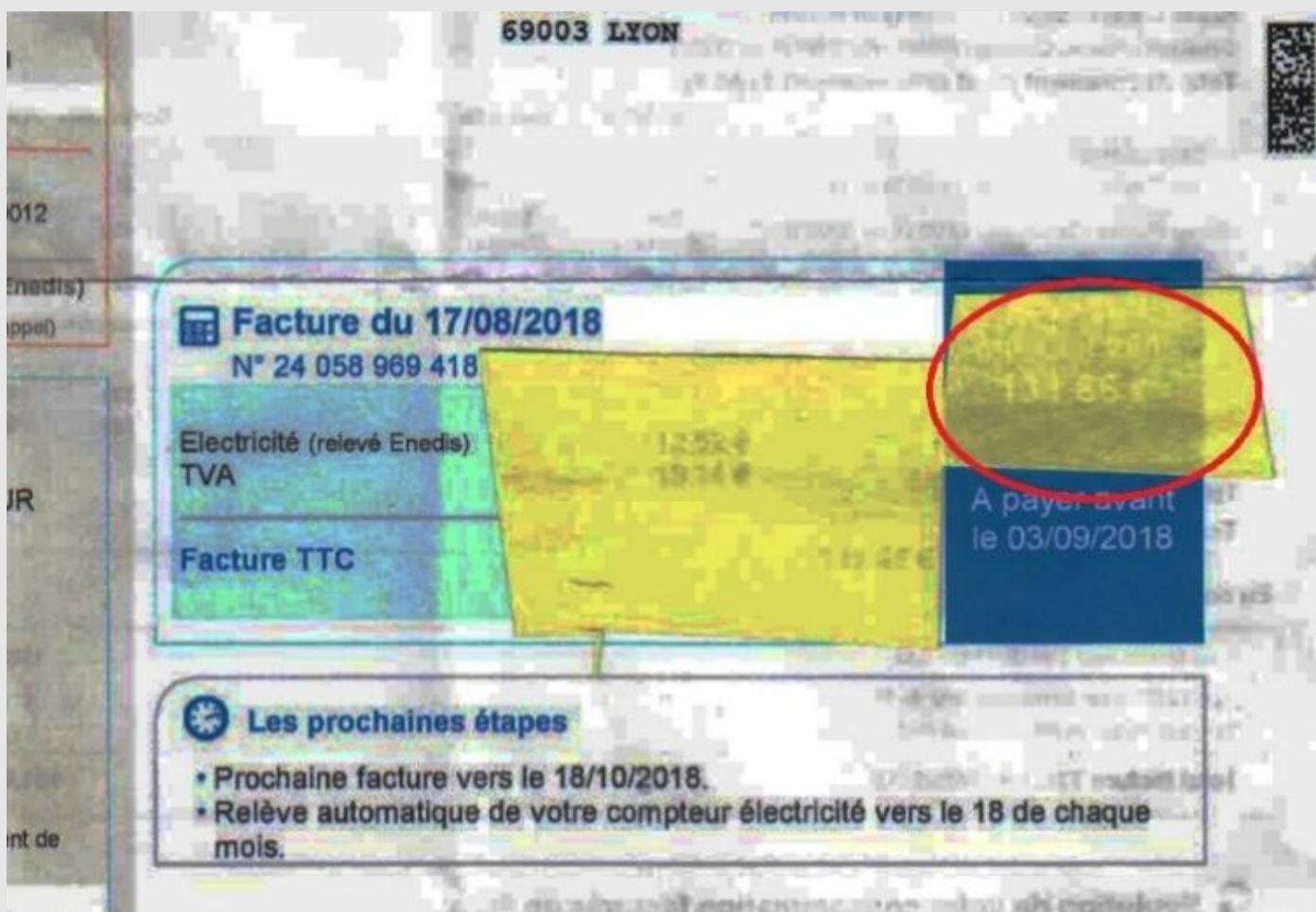
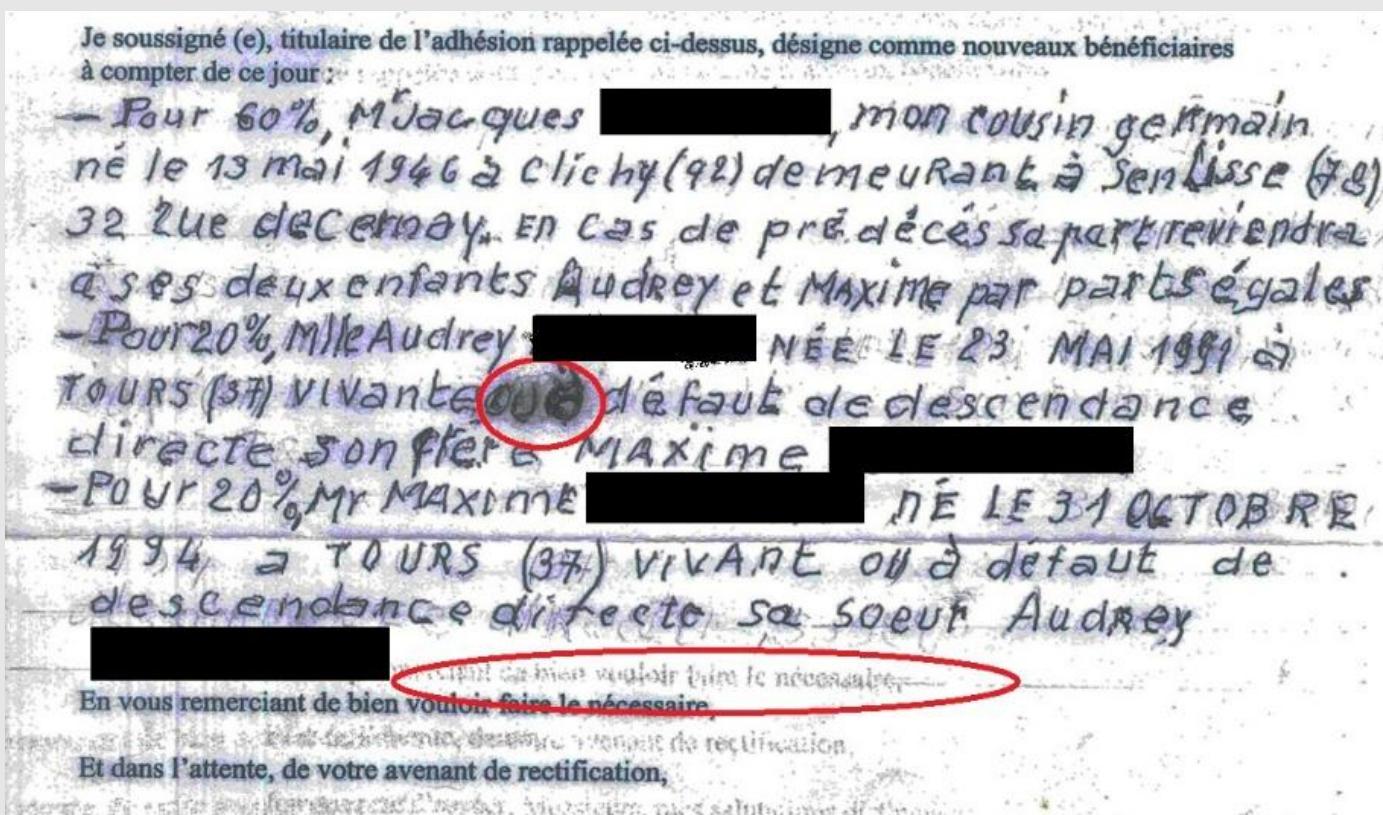


N°	Associés	Pleine Propriété	Voix	Nom du mandataire éventuel - Signature
1	ETICA DEVELOPPEMENT à TOULOUSE (31200)	350	350	
2	BUREAU FOCUS 7 rue Bertrand PERRIN RAMONVILLE-SAINT-AGNE (31520)	150	150	
	Totaux	500	500	

Nombre d'associé(s) : 2

Certifiée sincère et véritable la présente feuille de présence à laquelle sont annexés 0 pouvoir, arrêtée à 2 associés présents ou représentés possédant ensemble 500 droits sociaux.

- Filters to show certain physical characteristics of the document, in particular via fluorescence.



- Measurement methods (**Measurements**) that allow certain physical characteristics of an image to be encoded, which are very useful for analyzing a handwritten signature, for example.

Surface utilisée = Taux de remplissage = Résolution d'image = Ratio d'aspect = Orientation générale =	222.70 cm <sup>2</sup> 2.6 % 120 dpi 1.11 : 1 -6.0°
Longueur totale = Epaisseur moyenne =	99.6 cm 0.58 mm
Empreinte =	50.0 cm <sup>2</sup>
Distribution spatiale : Code = taux par zone =	13377764EAF10B90 01 03 03 07 07 07 06 04 14 10 16 01 00 11 09 00

D2FAN makes it possible to carry out a secure expert report by means of a SHA-256 key that guarantees its integrity after its communication.

### **What are its strengths?**

- D2FAN carries out a non-destructive physical analysis of the paper and inks of the document,
- The results are all reproducible,
- D2FAN is available 24 hours a day, 7 days a week,
- The results of the analyses are obtained in less than a minute,
- The results are ready for integration into a judicial report,
- Only the user receives the results of the scans,
- No documents are kept,
- The procedure is entirely dematerialized,
- D2FAN has already been used in the resolution of criminal cases,
- The users are varied: experts in handwriting and documents, banks, notaries, lawyers, police, justice, accountants, public administrations.
- Prices are within reach of all types of users.

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## PRICING



The use of the D2FAN software is subject to prior registration, which results in the creation of one or more user accounts.

The cost of use is broken down into:

- A monthly **subscription**, which corresponds to the right to access the software,
- The **cost of analysis**, based on the number of pages crawled, which corresponds to usage.

Two billing methods are possible:

- **Prepayment**: the user buys a batch of pages (with no time limit) and the pages analysed afterwards are deducted from this batch until the total use of this batch,
- **Post-payment**: the user receives an invoice at the end of each month for the analyses carried out in that month.

Any request for registration or additional information should be sent to: [D2FAN@ml-technologies.com](mailto:D2FAN@ml-technologies.com)



## TECHNICAL FEATURES



- The D2FAN software is offered as a service (SaaS) accessible over the Internet.
- The software and its algorithms were developed in France by forensic and IT experts.
- The software and data are hosted in France.
- D2FAN's intelligence can be offered as a module via an HMI or an API.
- The software architecture separates the Presentation part (user interactions) from the Processing part (analysis algorithms). The Processing part is only accessible from the Presentation part, thus ensuring the intellectual protection of the solution.
- Access to the server is protected against attacks (antivirus, firewall, anti-DDoS).
- User accounts are protected against repeated hacking attempts with an automatic locking device.
- A user's registration to access the software is subject to identity verification through a manual procedure.
- Users' data is limited to their email and password to access the software.
- The software administrator does not have access to the user's password.
- Confidentiality is guaranteed by the encryption of exchanges between the workstation and the server.
- Documentary data (original documents provided by users and analysis results produced by the software) are not kept beyond the duration of the user's working session.
- The software complies with the CNIL and GDPR directives in France.