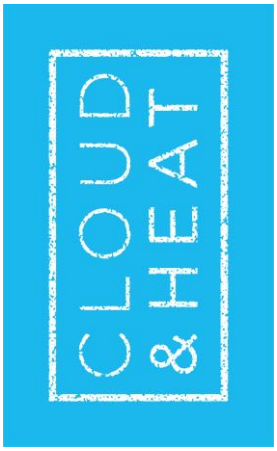

Certifydoc - secure legal service web app

Using IaaS based on OpenStack by Cloud&Heat

ABOUT CERTIFYDOC

https://www.youtube.com/watch?time_continue=92&v=BX53dzacGMA&feature=emb_logo

Certifydoc is a legal service web app, which is globally available for B2B, B2B2C and B2C and is founded in Spain. The app certifies pictures, videos and documents, making them legally relevant, by certifying the integrity and the date of the documents with qualified time stamps from EU certification authorities. Certifydoc provides information as to who created the document, preserving the document's integrity while detecting even the slightest changes.

To obtain a certificate, users need to register, although no subscription is required. The user pays per use. Upon registration three certifications are granted free of charge. "For less than a breakfast", the user can purchase further certifications for approximately € 2. Any type or number of files can be uploaded via phone or computer, although these cannot be bigger than 17 MB in total.

Certifydoc can be used for:

- Reclaiming rental deposit (for example as proof of the state of an apartment or to obtain evidence of its condition when buying or selling)
- Consumer complaints
- Intellectual property
- Car accidents and car rental
- Legal chain of custody
- Domestic violence
- Private investigations
- Diagnostic images
- Work progress report in construction

One of the greatest advantages of using Certifydoc is that the data isn't stored anywhere. By using the maximum level of encryption (AES-256), which is secure for data protection, transmission and confidentiality, the documents are safely processed in compliance with EU General Data Protection Regulation (GDPR). Following certification they are deleted immediately.

Most people are not aware of the fact that photos, videos and electronic documents generally have very weak legal relevance, because they can be easily manipulated and, therefore, easily challenged in court. Certifydoc interacts with three authorities for every certification, which in turn is the maximum probative value for all 27 European countries.

THE CERTIFYING SERVICE IN PRACTICE

There are many reasons for needing certified pictures, videos or documents. Such as defending intellectual property, which is generally the result of endless dedication to work over a long period of time. Registering copyright is a task that few undertake due to financial restrictions and a lack of knowledge, although no one ever wants their work to be stolen. However, it's easy to prevent plagiarism with Certifydoc. By means of certification and encryption, copyright owners can provide stronger evidence when making legal claims for royalties or damages against someone who has stolen their work to make a profit.

https://youtu.be/FJd4KT-nVJg

A further example is the usage in real estate. Certifying documents enables legal confidence when promoting and selling real estate, especially to international clients. It allows easy verification of the state of an apartment or house (both before and after renting) in case of subsequent issues.

https://www.youtube.com/watch?v=xTml2PpOTyE

CERTIFYDOC USING OPEN SOURCE OPENSTACK TECHNOLOGY

Certifydoc is very active when it comes to social issues, sustainability, green business and global heating. So it was very important to them to choose open source, as well as to ensure the highest standards of equality, antitrust and privacy singular to the EU. In order to realize a project like Certifydoc, an Infrastructure as a Service (IaaS) was required, which is provided by Cloud&Heat, based on open source Openstack technology. They specifically needed it to scale up rapidly in terms of performance, create and

move virtual machines easily, migrate securely from development to production, have pay per use scalability as well as maintain EU regulations over the years.

For now, Certifydoc is using a limited set-up of the Infrastructure as a Service (IaaS) including three public floating IPs and one private network. Furthermore, three instances M flavor for migration purposes with their corresponding four volumes and three snapshots are used as well as 6 VCPUS, 12GB RAM, two security groups and a total of 294 GB of volume storage with remote API access via CLI in windows and Linux.