



Digiprove in the corporate world

Digiprove provides a service to the corporate marketplace that enables either individuals or corporate entities to prove beyond doubt that they were in possession of a document, record, photograph, video, or indeed any digital content at a defined date and time.

It does this by encoding and time-stamping the relevant digital content and issuing a digitally signed certificate referencing this content. The service is quick, easy to use and, given the protection it confers on the data owners, is remarkably cheap.

The proof is indisputable and its veracity will be accepted by the courts.

Although Digiprove encodes and time-stamps the content, at no time does it ever view the content so absolute confidentiality of data is maintained.

The smallest change in any content already Digiproved (for example removing a full stop in a fifty page document) will result in a change of code if that document is subsequently re-Digiproved. Digiprove can thus ensure that any post event alteration or creation of documentation is readily detectable.

Conversely and perhaps more importantly it can aid and support good corporate governance by supplying independent third party conformation that various actions, conversations, or records, were created or performed in accordance with either legislation or internal codes of conduct. For example in Ireland the national financial ombudsman has recommended that all telephone conversations between financial institutions and their clients should be notated and filed. No problem, just scan the hand written notes and Digiprove them thus creating an unalterable and time stamped record of the conversation that took place.

Digiprove has the potential to be beneficially used by corporates in all industries and across most sectors within individual companies. A short listing of the type of documents, actions, areas or records that might be Digiproved include: Board minutes, internal audit files, external audit files, H.R. communications with staff, Health and Safety statements, manufacturing process sign offs, machinery maintenance logs, medical treatment records, drafts of legal documents, contemporaneous notes of conversations, etc.

Whilst reviewing the above it should be borne in mind that it is not just the creators or originators of documents or actions that can benefit by using

Digiprove but recipients also can also derive considerable benefit by Digiproving their content. This gives them a tamper proof record of exactly when and what they received.

The process of Digiproving is extremely simple and can be initiated in a number of ways:

- Over the internet using a standard browser
- Over the internet by an “application program interface” which allows a 3rd party software program to interact with the Digiprove servers
- By integrating the process into existing software

In each case, the essential steps are the same:

1. The user is identified against a known register of users by supplying a user id and password.
2. The user nominates a file which contains the content to be Digiproved.
A calculation is performed on the file to derive its “digital fingerprint”.
3. A certificate text is prepared which includes:
 - the name of the user
 - the file-name
 - a descriptive text supplied by the user
 - the current date and time
 - the digital fingerprint of the file
 - a unique certificate number

The certificate text is digitally signed by Digiprove and sent by email to the user.

This certificate can subsequently be used to prove beyond doubt that this content existed in exactly that form on the given date and time.

The process is backed up by a number of cryptographic and procedural steps which take place in the background to render it impossible to tamper with content or with certificates, even by Digiprove itself.

A corporate user can Digiprove a document for as little as 25 cents which is probably the cheapest insurance policy on the market today.