

Operating methods and technical description of Safe Stamper browser

Certification of web browsing sessions

January 2016



1.- Description

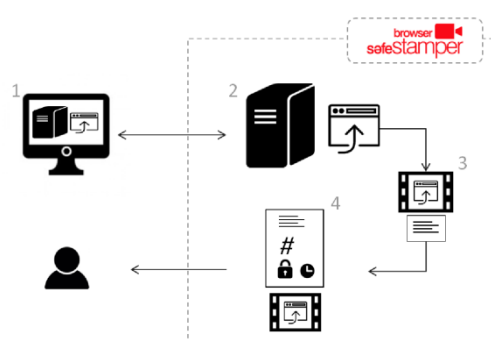
Safe Stamper Browser allows recording videos of web browsing sessions, from the certification servers of Safe Stamper.

Thanks to this system, developed by Safe Stamper, it is possible to guarantee that the video has not been manipulated by the user. The session is certified on a timestamped PDF which contains all data about the video and the screenshot taken during the session.

2.- How it works

The user, from his own personal computer's browser, (1) controls the session remotely because it is being launched from Safe Stamper's certification server. (2).

Safe Stamper registers all the URLs to which the user accesses, while recording all audiovisual information of the browsing session (3).



Once the navigation is over, Safe Stamper issues a certified document which contains its advanced digital signature. It serves to prove the authorship of the certification service, as well as the date and hour the certificate was generated, and the integrity of its content. The certificate shows all visited URLs. It includes 3 hashes of the generated video, to enable its unequivocal identification as the certified video generated by Safe Stamper.

This way, the user has a video that shows all the audiovisual information of the navigation session, and a certified document to identify said video using the three hashes included in it.

Therefore, both video and certificate combined constitute a rigorous and valid technical evidence, sufficient to confirm the information it contains.