

DESIGN ENGINEERING

[HOME](#) [CURRENT](#) [ABOUT US](#) [ARCHIVES](#) [CONTACT](#) [ABOUT ▾](#)[HOME](#) / [ARCHIVES](#) / [VOL 2021: ISSUE 06](#) / [Articles](#)

Secure Data Hiding Technique Using Video Steganography

Huda Adil Ali, Alyaa Jaber Jalil Marwah Kamil Hussein

Keywords: Image Processing, Voice Message, Data Hiding, LSB, Steganography

ABSTRACT

Moving information through the web has become simple and quick due to the rapid technological innovation. However, it should be highlighted that because of the hazardous nature of the internet, any individual may gain access to and alter the data through hacking. Therefore, it

[PDF](#)

HOW TO CITE

Marwah Kamil Hussein, H. A. A. A. J. J. (2021). Secure Data Hiding Technique Using Video Steganography. *Design Engineering*, 6208- 6217. Retrieved from <http://www.thedesignengineering.com/index.php/DE/article/view/4055>

is crucial to protect any personal data against being accessed by unapproved individuals. Cryptography and steganography are the two most common methods available to protect data. Steganography is a method used to cover hidden data in some other media without leaving any proof of the information adjustment, while cryptography changes the plain information to incomprehensible information, which is called scrambled data. This paper presented video steganography as an effective and robust tool to conceal data. We accepted a video as a spread media and used it to cover a document (.pdf) and voice message in such a way that the information is not outwardly conspicuous using LSB Method.

More Citation Formats ▼

ISSUE

[Vol 2021: Issue 06](#)

SECTION

Articles

MAKE A SUBMISSION

CONTACT US

Editorial Office of Design Engineering.
Address: 4143 Danforth Avenue Toronto, ON M4K 1A6.
Email: editor@thedesigneengineering.com

Downloads

Paper Template [Download](#)

Information and Guidelines

- [Author Guidelines](#)
- [Competing Interest Statement](#)
- [Copyright Notice](#)
- [Publication and Peer Review Processes](#)
- [Published Statement of Human and Animal Rights guidelines](#)
- [Published Statement of Informed Consent](#)

Subscribe

Journal print copy or article reprints are available for order, please contact: editor@thedesigneengineering.com

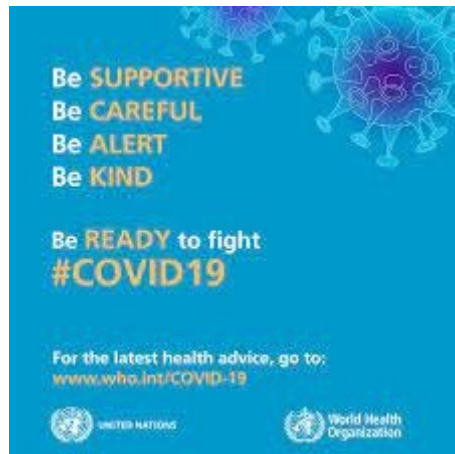
Online Access

This is a fully open access journal, the full texts (in HTML and PDF) of all articles can be viewed online for free immediately after publishing.

Permission

For permission, please contact the editorial office directly:

Email: editor@thedesigneengineering.com



SUBSCRIPTION

Login to access subscriber-only resources.

INFORMATION

[For Readers](#)

[For Authors](#)

[For Librarians](#)