Abstract

Since the dawn of technology, communication has always been in need of novel techniques of data security. The confidentiality, integrity and authenticity of data are of prime importance while communicating over a network. To satisfy these requirements, we propose a
steganographic system using an advanced approach which generates a personalised video cover to hide the data within itself in accordance to multiple factors such as the data to be transmitted and key selected. This approach will make sure that the transfer of data becomes more secure against security breaches providing privacy and safe communication environment.

References


- Fenlin Liu; et al., B. &quot;Real-time steganography in compressed video&quot;.
- Video Steganography for Confidential Documents: Integrity, Privacy and Version Control Diego F. de Carvalho1, Rafael Chies, Andre P. Freire, Luciana A. F. Martimiano and Rudinei Goularte

Index Terms

Computer Science Emerging Trends in Technology
**Keywords**

Digital Steganography  Digital Video  Cover  Block-based Transformation