

the encrypted share is embedded into the selected natural images. For embedding the shares, LSB technique is used. After embedding the shares the images are stored in selective folders.

proposed system there may be a chance to loss image. To avoid this we develop a lossless image based sharing scheme.

6. Acknowledgment

The author gratefully acknowledge the valuable comments and suggestions of the reviewers, which have improved the presentation and also thankful to the reference paper authors. And the author is especially grateful to Prof. Smitha for her kind help during the review process of this paper.

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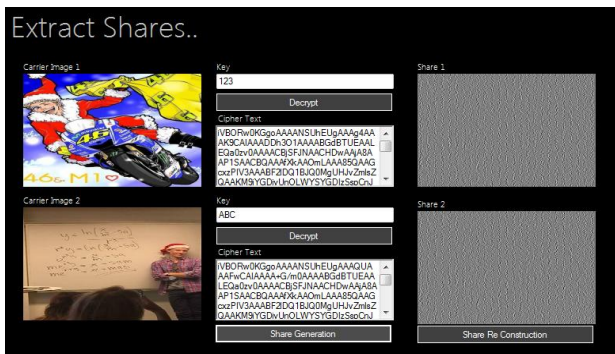


Figure 5: Extracting Shares from natural image and decryption of encrypted shares

The encrypted shares are embedded into the natural images. So for performing decryption on shares, the encrypted shares must be extracted from the natural image. After that the encrypted share undergoes decryption. Then decrypted shares are designed. The AES Decryption technique is used to decrypt the cipher text using the same key used in the encryption technique. And also the same natural images are taken in right order to decrypt the image.



Figure 6: Reconstruction of secret digital image

The decrypted shares are combined to form the original secret digital image. This proposed system efficiently reconstructs the original secret digital image. The transmission risk problem is solved in this proposed system.

5. Conclusion and Future Work

Compared with existing VSS schemes, the proposed NVSS scheme can effectively reduce transmission risk and provide the highest level of user friendliness, both for shares and for users. The proposed natural image based VSS scheme transmits secret digital images via various natural images. It reduces the transmission risk problem during transmission of shares. Here shares are transmitted via natural images. Natural images can be color photographs of scenery, family activities, or even flyers, bookmarks, hand-painted pictures, web images, or photographs. The main advantages of proposed scheme are it greatly reduce the transmission risk problem, provides high level of user friendliness and manageability. The future work of this paper is, in the

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