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Abstract

With the increase in structural complexities in modern cities, many operations, be they military, police, fire service, intelligence, rescue, or other field operations, require localization services and online situation awareness to make them effective. The digital data collected from such systems are sensitive hence security concerns regarding the transmission of such digital data across secured and unsecured communication channels needs to be secured. In this paper, we proposed a hybrid cryptographic encryption technique for securing Surveillance digital images
data in Mobile Urban Situation Awareness System using RSA public-key encryption cryptosystem and RGB pixel displacement. The implementation was done using MATLAB simulation software.

References

- He, Jun; Jun Zheng; Zhi-bin Li; Hai-feng Qian, "Color Image Cryptography Using


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