Photo Encryption in Medicine

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Index Terms—Photo Encryption, Image, Encryption, Medicine

1 Problem Description

PRIVACY is becoming more important day by day. Numerous regulations and laws require it across all kinds of use cases and industries. A well known way to achieve privacy is through encryption, bla bla bla define encryption maybe insert source?. As encryption requires computational resources, its performance is dependent on the platform it is used on. To fullfil the requirements of privacy in photography, it might be necessary to encrypt photographs right after they are taken.

Especially in the context of medicine this is very important as health data is considered the most private data fill reference here. Medical photographs show a patients body, they are used to document visual properties of the skin, the state of a wound or the progress of a plastic surgery. All of the above mentioned photographs document very private information about an individual, which is only to be seen by authorized persons.

Another important application for encryption of photographs is journalism. Journalists may take pictures in

THIS demo file [1] is intended [2] to serve [3] as a "starter file" for IEEE Computer Society journal papers produced under LaTeX using IEEEtran.cls version 1.8 and later.

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2 Expected Results

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3 Method

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4 References

References

[1] Shen Lin and Brian W. Kernighan. An effective heuristic algorithm for the travelling-salesman problem. *Operations Research*, 21:498–516, 1973.

[2] Shen Lin and Brian W. Kernighan. An effective heuristic algorithm for the travelling-salesman problem. *Operations Research*, 21:498–516, 1973.

[3] Shen Lin and Brian W. Kernighan. An effective heuristic algorithm for the travelling-salesman problem. *Operations Research*, 21:498–516, 1973.