

In the present work we study protecting of information in situations, when cryptography alone is not enough. We will try to analyze possibilities of information hiding, not in innocent looking carrier of information (sound, picture, video), but in pseudosteganographic archive. We will try to describe (and later implement) algorithm, that will be able to create archive, meeting following conditions: Archive will contain N files, each protected by one key. Number N must remain hidden to attacker. By using one of keys, we will get only one file, getting no information about rest of files in archive. Implementation of this algorithm should be as simple as possible, maximally platform independent, and easily practically usable.