

Software Protection Using "Communal-Key-Cryptosystems"

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Abstract

We propose a method for software protection and distribution using tamper resistant modules (SECURE INFORMATION STORES) to achieve the following goals:

- (1) All encrypted copies of the software being distributed are identical, greatly reducing the cost of distribution.
- (2) The copy is accompanied by a key which enables only that software to run on only that machine.
- (3) No directories are needed.
- (4) Any software vendor can join the system without receiving privileged information.