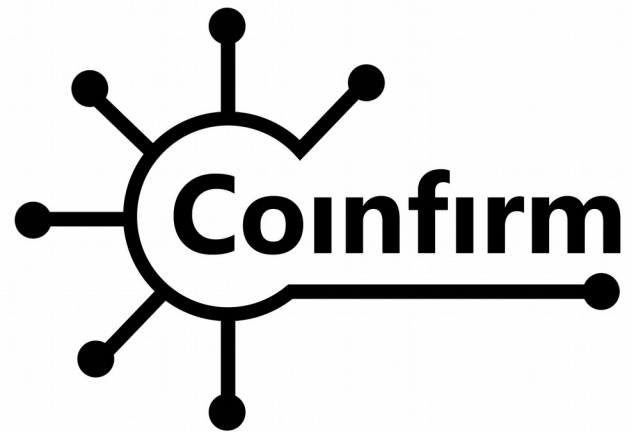


Blockchain



Byzantine generals problem.

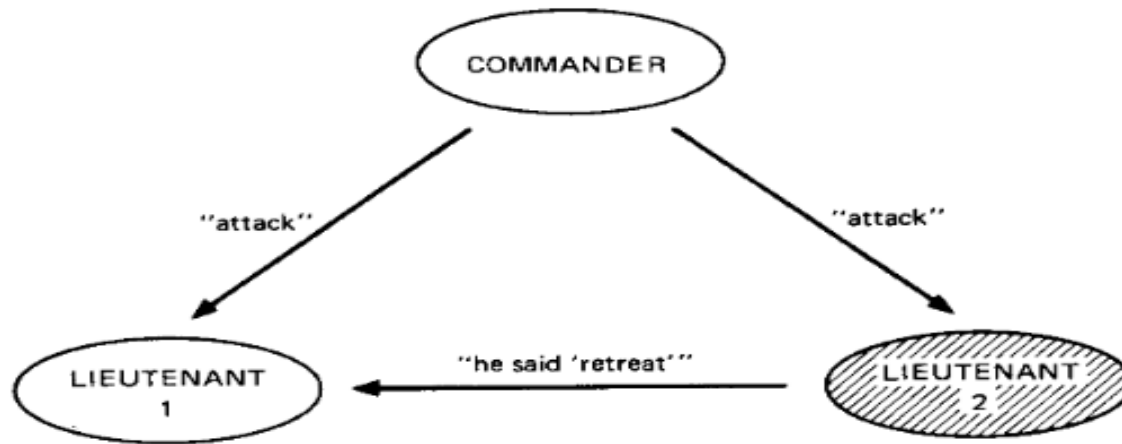


Fig. 1. Lieutenant 2 a traitor.

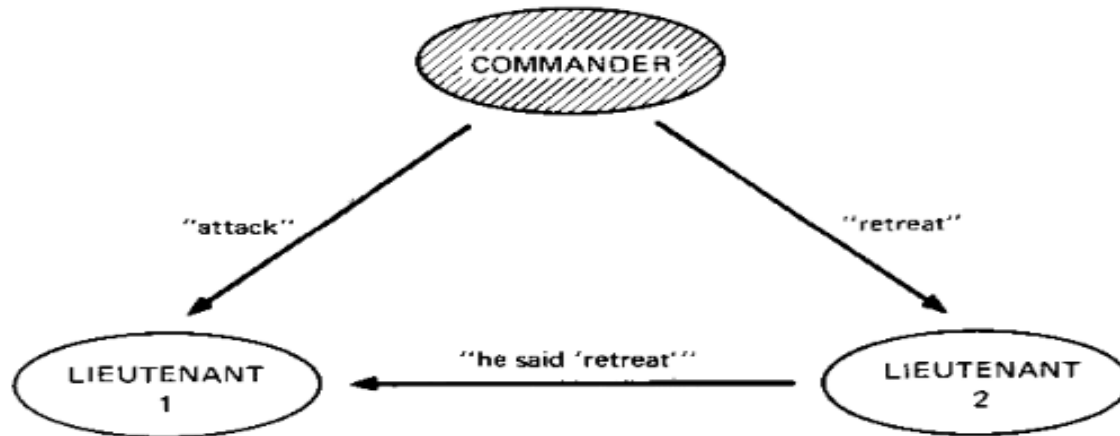
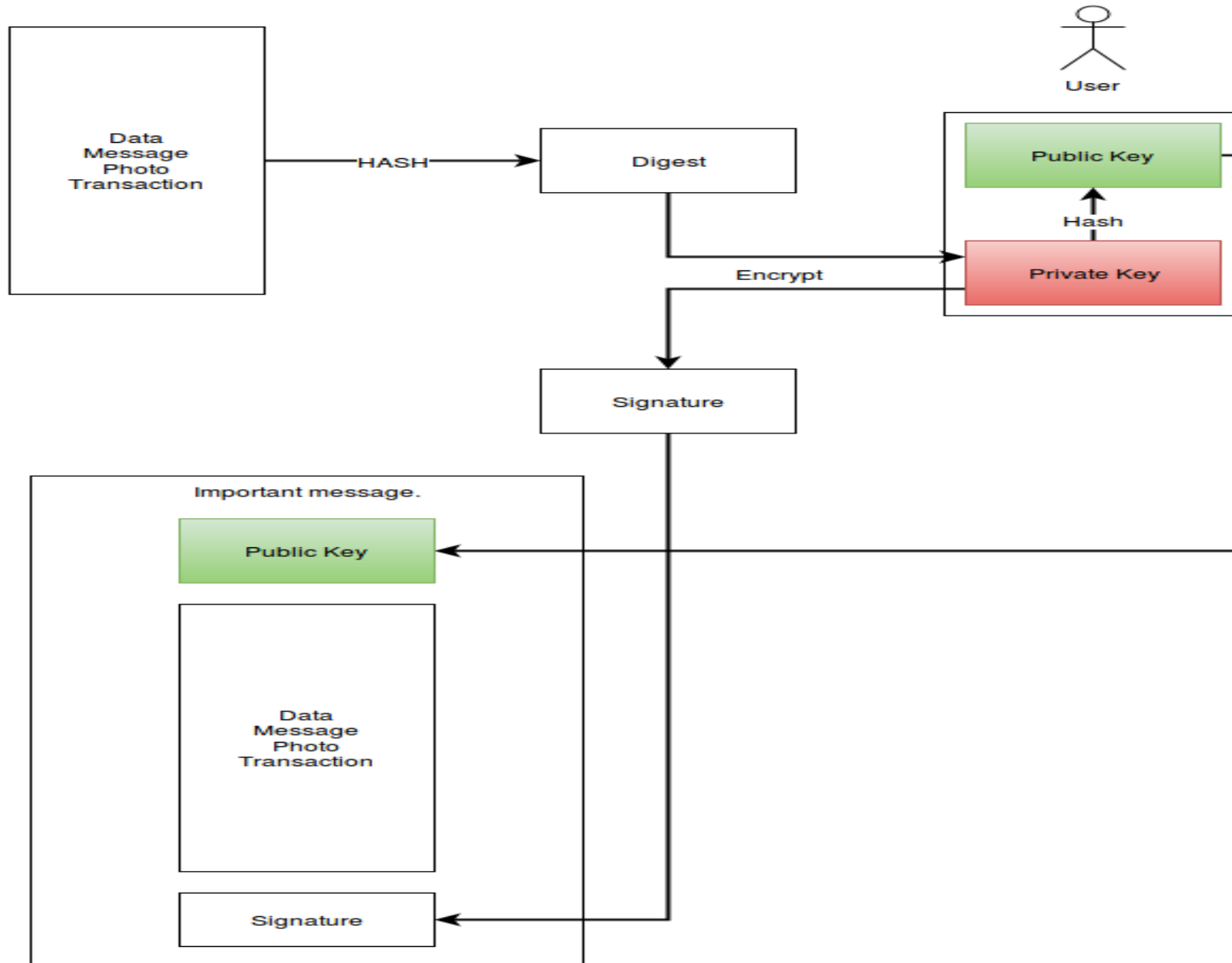
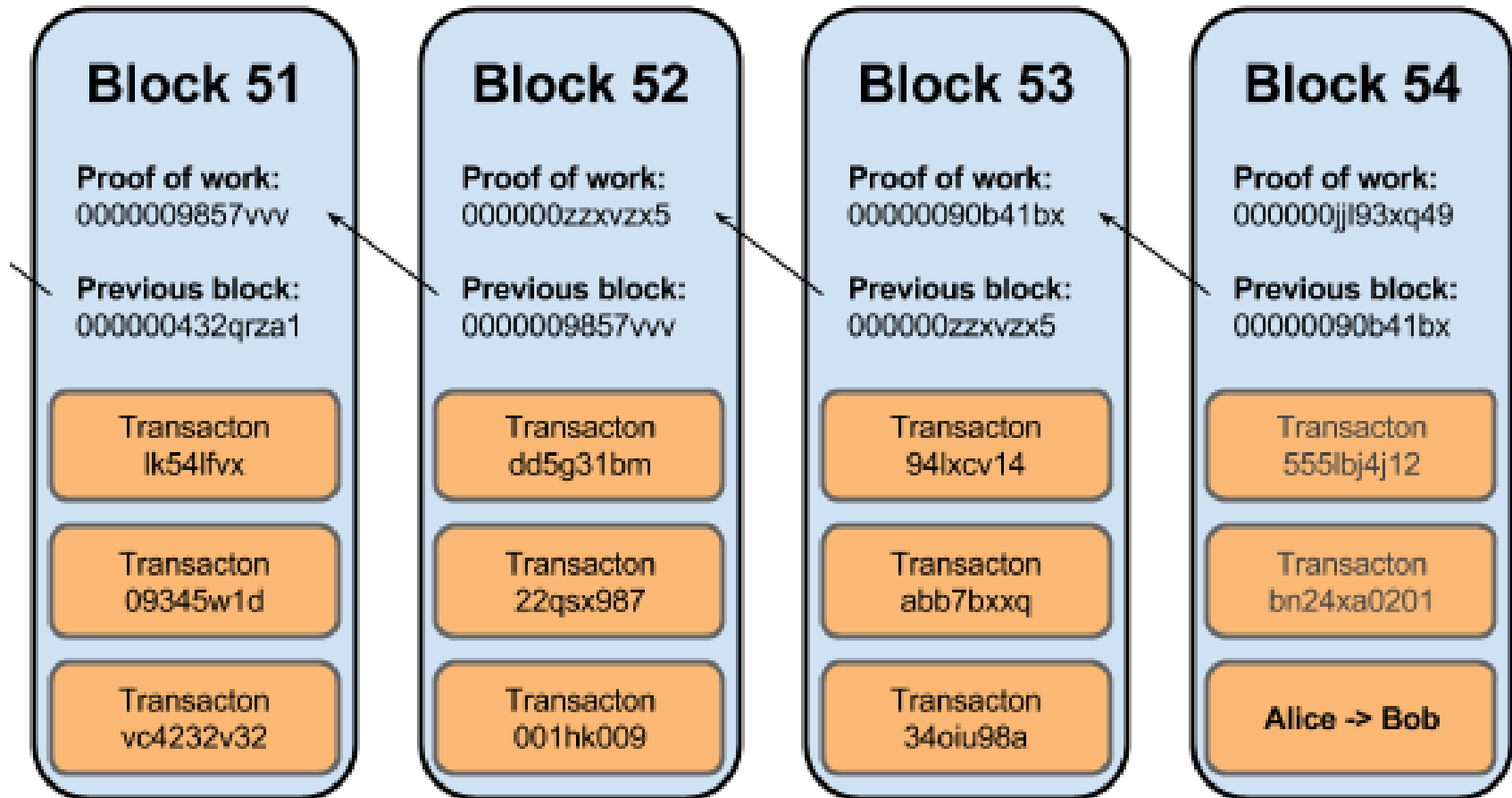


Fig. 2. The commander a traitor.

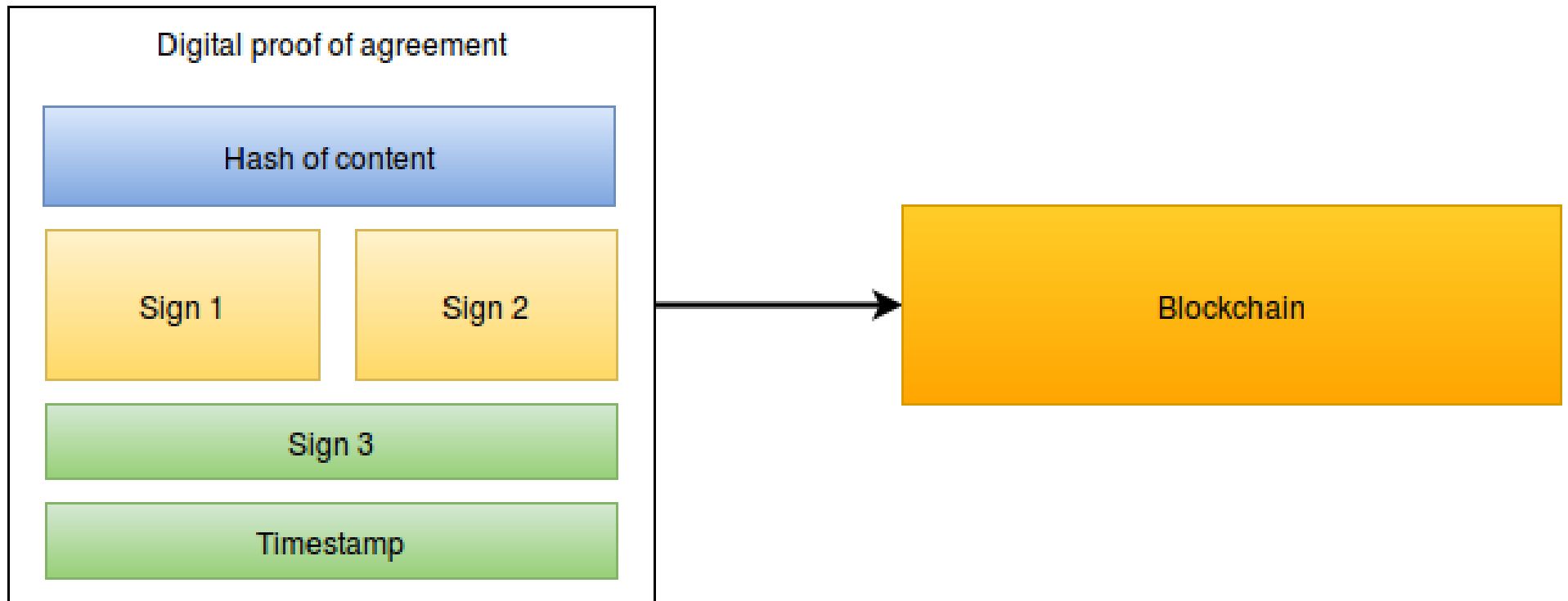
Transaction sign



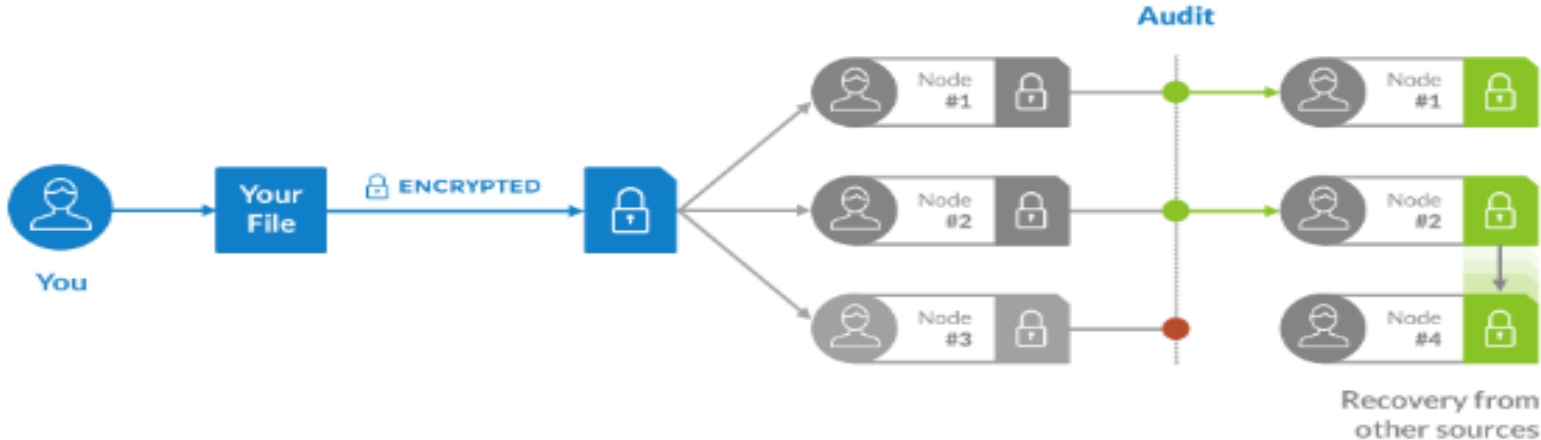
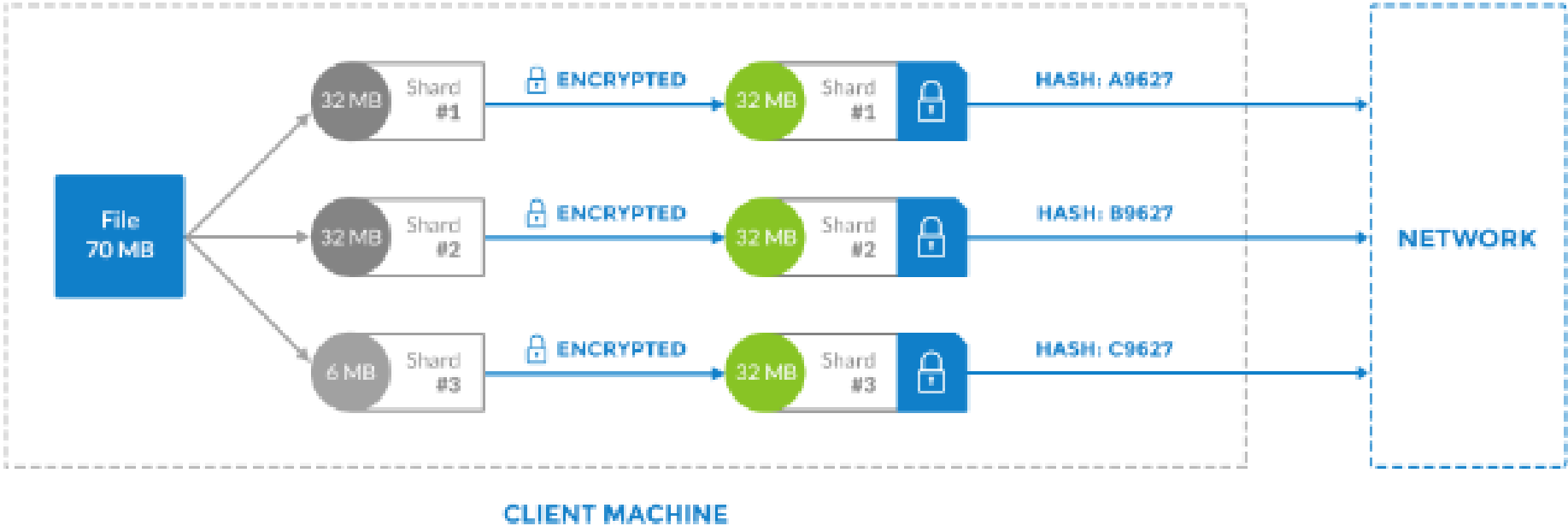
Blockchain=Solution



Digital document notarization



Distributed data cloud.



Privacy

„Bitcoin is a pseudonymous currency, meaning that funds are not tied to real-world entities but rather bitcoin addresses. Owners of bitcoin addresses are not explicitly identified, but all transactions on the block chain are public. In addition, transactions can be linked to individuals and companies through "idioms of use" (e.g., transactions that spend coins from multiple inputs indicate that the inputs may have a common owner) and corroborating public transaction data with known information on owners of certain addresses. Additionally, bitcoin exchanges, where bitcoins are traded for traditional currencies, may be required by law to collect personal information.”

„Overall, without additional privacy-preserving measures, it has been suggested that bitcoin payments should not be considered more private than credit card payments”

Whole picture

