

BASIC SECURITY QUESTIONS OF DIGITAL ARCHIVES IMPLEMENTATION

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This lecture discusses three main questions related to electronic archives (electronic data storages) focused to security:

- which part of the real world can we perceive, convert and store?
- what kind of information do we lose by compression?
- what about security in digital information storage?

However, we should make two definitions reinterpreting commonly used words. **Information_A** means – only in this context – a part of perceptible world, which has well-defined properties – analog; **data_D** means electronic form of information or a part of information – digital.

After discussing the previous three questions, some short and interesting conclusions are made to digital information storage, its processes and properties.