

One of the most crucial problems in the history of communication technology involves the security of data processing and transmission. The format, scale and medium of the data, its storage and accessibility and the type, range and rate of transmission, etc. are factors influencing the actual message.



Communication is still very much determined by the rate of technological development and costs of transmission. This not only concerns international companies. There is a growing demand on small and medium-sized industries to come up with visions and innovative concepts to create new forms of communication. Currently, interaction between Technology and EDP in business is a going concern, optimizing processes of product design and lowering production costs.



Increasingly rapid innovation cycles and the growing pressure to adapt to and assimilate changing technical demands and new standards forces data transmission and communication technologies to adopt a different approach. As the amount of data continues to augment at an alarming rate whilst the demand for consistent data management is also greater, it is important to seek alternative data storage media.

The problem:

*How can effective solutions to data transmission and storage problems be found?*