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## USING INFORMATION TECHNOLOGIES IN TRANSLATION BASED ON THE SECURITY PRINCIPLES

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The thesis examines the requirements for using information technologies in translation based on the security principles.

**Keywords:** information, security, translation, information technology.

In recent years, the integration of information technologies (IT) into translation processes has significantly transformed the way translations are conducted. However, amidst the digital revolution, ensuring security in translation activities has become a paramount concern. This thesis explores the utilization of information technologies in translation practices while emphasizing the implementation of security principles to safeguard sensitive information and maintain confidentiality.

Let us consider the main aspects of using information technologies in translation from the perspective of their safe use.

### 1. Evolution of Information Technologies in Translation:

– Overview of the evolution of information technologies and their impact on translation practices.

– Discussion on the advantages and challenges associated with the integration of IT in translation processes [1].

### 2. Importance of Security in Translation:

– Examination of the significance of security measures in translation activities, particularly concerning confidentiality, integrity, and availability of translated content.

– Analysis of potential risks and threats to translation projects in the digital era.

### 3. Implementation of Security Principles in Translation:

– Exploration of security principles and standards applicable to translation activities, such as encryption, access control, and data protection regulations (e.g., GDPR).

– Case studies demonstrating the integration of security measures in translation workflows.

#### 4. Role of Information Technologies in Enhancing Security:

– Investigation into how IT solutions can reinforce security in translation processes, including secure file transfer protocols, encrypted communication platforms, and automated security checks.

– Examination of emerging technologies like blockchain for ensuring data integrity and authenticity in translations.

#### 5. Best Practices and Recommendations:

– Identification of best practices for incorporating security principles into translation workflows effectively.

– Provision of recommendations for translators, translation agencies, and technology developers to enhance security measures in translation activities.

The critical role of information technologies in modern translation practices and underscores the importance of integrating security principles to mitigate risks and safeguard sensitive information. By embracing a security-oriented approach, translators and translation stakeholders can leverage the benefits of IT solutions while ensuring the confidentiality and integrity of translated content in an increasingly digital landscape [1].

### **References**

1. S. V. Yelisieieva. (2018) INFORMATION TECHNOLOGIES IN TRANSLATION. A STUDY GUIDE. PMBSNU Publishing House Mykolaiiv, p. 8-9.