

Hardware and software complex for collecting, processing, and managing data about burial sites comprising a client part containing a user interaction module, a data collection module, an automated data collection module, and a server part containing a server cluster, an optical character recognition module configured to extract text information from digital images of burial sites, an artificial intelligence module, a data processing and storage module intended for verification, integration, and secure storage of all types of data in a data storage, a data protection module configured to provide multi-level encryption, multi-factor authentication, and security monitoring of operation of the hardware and software complex, a marketplace module, a messenger module, and a notification module. The complex additionally contains a high-precision positioning module configured to determine three-dimensional geographic coordinates of a burial site and an orientation of an inscription plane. The optical character recognition module is functionally connected to the high-precision positioning module and is configured to use obtained three-dimensional data for perspective and geometric correction of an image before text recognition, the results of which are stored in the data storage. All modules are interconnected via secure data transmission channels with TLS 1.3 encryption and automatic transition to offline buffering upon loss of connection.