

XOPERO WHITEPAPER

The security standards

Thanks to 256-bit algorithm encryption, two independent server localisations and unique combination of best-in-class physical security parameters we can guarantee the highest lever of data security.



AES 256 algorithm
SSL certificate
two localisations
Briefcase
data verification

Data backup

- application encrypts data with AES 256 algorithm: the data is already encrypted on the user device and transmitted over the secure SSL protocol,
- data stored in two different locations: even in the event of failure of one of them user can still access the data,
- Briefcase application: encrypted on the user's device with a separate key, (different than the one used during backups), the key is generated automatically,
- files are divided into the smaller parts and then stored on the storage,
- data verification: during the sending process, application calculates the checksums for encrypted data and then, during restoring, it re-calculates checksums for all the data and compares them with each other.



default key
user key

Encryption

To provide the highest level of data security, users can choose a key (default or user) which will be used to encrypt transmitted data.

Default key is generated automatically during the first run of the application, so you do not have to worry about this key as it is stored in the data center. User is not able to lose this key, in any possible way,

User can also chose his own encryption key. It provides the maximum security of files because it is not stored anywhere, however in case of encryption key loss, the recovery of the encrypted data from the server is not possible.



data centers located in
Europe and USA

Secure data center

Our clients data is stored in one of our secure data centers located in USA, Germany or Poland.

All data centers are purpose-built and located in the technology oriented areas. Facilities can accommodate the mission critical needs of leading technology companies and offer end-to-end capabilities to help enterprises build scalable, highly available, resilient, cost efficient and secure interconnected cloud environments to store data.

Unique combination of scale, best-in-class physical security parameters and market-leading energy efficiency.

- biometrics and key card access,
- at least two independent server localisations,
- UPS redundancy,
- emergency generators,
- close proximity to International Airports,
- limited exposure to risk of natural disasters.



personal data
protection

All data centers meet the rigorous standards and compliance needs of global businesses. The following is a current list of some of the most valuable certifications and what they mean for our customers:

ISO/IEC 270001:2005 certificate in compliance with the PN-I-07799-2:2005 norm. Furthermore, the compliance certificate with the AQAP 2110:2006 norm, which defines requirements for military contracts and constitutes supplementation as well as extension of the already held ISO 9001:2000 quality certificate, was also granted. Furthermore, Unizeto Technologies data center received positive feedback after an audit according to WebTrust standard with respect to certification services connected with electronic signature (including SSL and EV SSL).

Legislation

Our company follows all the Polish and EU rules and meets the requirements and regulations established by the Polish Government and European Commission that refer to personal data protection:

- The Act of 29 August 1997 on the Protection of Personal Data (unified text: Journal of Laws of 2014, item 1182 with amendments),
- The Regulation of 29 April 2004 by the Minister of Internal Affairs and Administration as regards personal data processing documentation and technical and organisational conditions which should be fulfilled by devices and computer systems used for the personal data processing,
- Directive 95/46/EC of the European Parliament and of the Council of 24 October 1995 on the protection of individuals with regard to the processing of personal data and on the free movement of such data.

and high standards of the health care industry.

We are the leading producer of backup solutions in Europe, providing professional tools for comprehensive backup of critical business data.

Our offer includes, among others appliance backup, local backup, cloud backup, hybrid backup and complex disaster recovery and business continuity solutions. Xopero products allow backup and recovery of files, folders, endpoints, databases, mailboxes, servers, network localizations and virtual environments.

Our customers belong to many different sectors: SMB, public administration, banking and finances, education, medicine, telecommunications and IT.

