



## Zserver

### PRODUCT OVERVIEW

***Zecurion Zserver is designed to securely protect data that is stored on servers, on backup media, and in the cloud. The system encrypts the information contained on hard drives, disk arrays, and SAN storage using an innovative, sophisticated encryption method. Since it was first released in 2001, Zserver has attracted more than 1 million users.***

Zserver encryption protects stored information whenever physical control of the media is impossible, whether data stored in the cloud or in the case of hard drive loss.

Zecurion Zserver takes advantage of complex cryptographic techniques to protect data stored on servers, in SAN and NAS storage, and on magnetic tapes and optical disks. With unique media encryption capabilities, Zserver protects the data in use, storage, and transport. Our system is designed with a balance between ease-of-use and the strongest-available control levels by encryption of the media on the fly and secure encryption keys storage.

Zserver uses proven encryption algorithms with key lengths of up to 512 bits (AES, XTS-AES). With our patent-pending adaptive multithreaded encryption, Zecurion Zserver can significantly increase the speed of data encryption on multiprocessor and multicore systems, thus making encryption latency almost imperceptible.

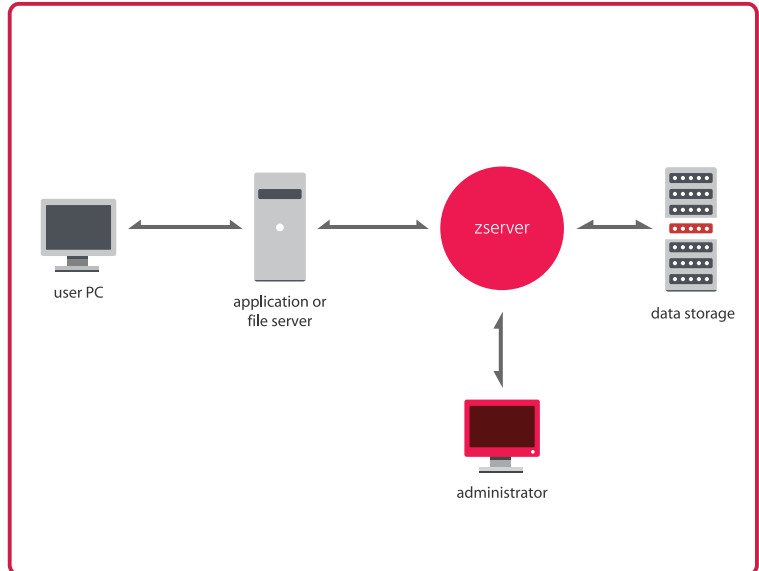
Zserver uses trustworthy key generation algorithms that can generate an encryption key based on mouse movements, microphone noise, and input from other random number sources. High-speed encryption and low requirements for hardware resources allow Zserver to work invisibly with no impact on processing speed or productivity.

Zserver is fully compatible with all modern network components, interoperating transparently with all Windows operating systems and user applications. It also supports advanced format (4KB per sector) disks and resilient file systems (ReFS). Management through a single console makes administration easy, as it also supports the management of Zgate, Zlock, and Zdiscovery.

- ***Software-based backup and server storage security solution***
- ***Transparent encryption protects data at rest***
- ***Scales to support even the largest companies***

### The Zecurion DLP Difference

Zecurion's data loss prevention (DLP) solution is an easy-to-use system for securing confidential data at rest, in motion, at the endpoint, on network, or in the cloud and to demonstrate regulatory compliance. With pricing and configurations that are useful to businesses of all sizes, Zecurion's DLP is quick and easy to integrate into the existing IT infrastructure without any complexity. The solution supports network, end point, and agent-based discovery functions. Zecurion is continuously developing solutions, including those that address the risk of leaks through social and mobile applications.



### Zserver\* is a part of the ZECURION DLP SYSTEM

*\*Its latest version, (6.0) was released in 2012*

#### Zlock

*Enables the full control and monitoring of all USB ports, removable media, and peripheral devices at endpoints.*

#### Zgate

*Zgate is the most comprehensive Data Loss Prevention (DLP) product available, thus enabling companies to monitor all forms of outbound network traffic and online communications, identify sensitive information, and prevent it from leaving the network.*

#### Zdiscovery

*Zdiscovery scans all stored data in corporate networks, to reveal confidential information and determine violations of security policies.*

#### About Zecurion

Zecurion is a global innovator and leader in security solutions that reduce risk by addressing internal threats. Founded in 2001, Zecurion has successfully developed and implemented security solutions providing proven and reliable protection against leaks for more than 10,000 companies around the world. The company's solutions provide comprehensive protection against the leakage of information throughout the course of its lifecycle – from creation and recording to archiving and deletion. Zecurion has been recognized by Gartner in 2014, 2016 and 2017 Magic Quadrant for Enterprise Data Loss Prevention. It has also received recognition through the prestigious Golden Bridge Awards and Network Products Guide, as well as consistently ranked highest among developers of DLP Analytics by CNews.

#### For More Information

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## Minimum System Requirements

*All components can be deployed on virtual machines.*

### Server encryption - the main component of the system Zecurion Zserver:

- Operating system Windows Server 2000/2003/2008/2008 R2/2012 R2;
- Pentium processor or higher;
- 128 MB of RAM;
- CD-ROM drive or access to a CD-ROM on the network to install the system;
- Windows 2000 - Service Pack 4;
- For Windows 2003 - Service Pack 1;
- Availability of TCP / IP protocol for system management Zserver;
- Presence of parallel (LPT) or USB-port for connecting a license key.

### Server Module encryption keys Zserver EKS:

- Operating System Windows / Windows Server 2000/XP/2003/Vista/2008/2008 R2/7/2012 R2;
- Pentium processor or higher;
- 128 MB of RAM;
- CD-ROM drive or access to a CD-ROM on the network to install the module;
- For Windows XP - Service Pack 2;
- Windows 2000 - Service Pack 4;
- For Windows 2003 - Service Pack 1;
- Availability of TCP / IP protocol for the alarm to the server;
- Presence of parallel (LPT) or USB-port for connecting a license key.

### Server logs:

- Operating System Windows / Windows Server 2000/XP/2003/Vista/2008/2008 R2/7/2012 R2;
- Pentium processor or higher;
- 128 MB of RAM;
- CD-ROM drive or access to a CD-ROM on the network to install the module;
- For Windows XP - Service Pack 2;
- Windows 2000 - Service Pack 4;
- For Windows 2003 - Service Pack 1;
- Availability of TCP / IP protocol for the alarm server).

### Management Console system Zecurion Zserver:

- Operating System Windows / Windows Server 2000/XP/2003/Vista/2008/2008 R2/7/2012 R2;
- Pentium processor or higher;
- 128 MB of RAM;
- CD-ROM drive or access to a CD-ROM on the network to install the system;
- For Windows XP - Service Pack 2;
- Windows 2000 - Service Pack 4;
- For Windows 2003 - Service Pack 1;
- Availability of TCP / IP protocol for system management Zserver;
- Availability of free USB-port for connecting the device to work with smart cards.

### Module "alarm" system Zecurion Zserver:

- Operating System Windows / Windows Server 2000/XP/2003/Vista/2008/2008 R2/7/2012 R2;
- Pentium processor or higher;
- 32 MB RAM;
- CD-ROM drive or access to a CD-ROM on the network to install the system;
- For Windows XP - Service Pack 2;
- Windows 2000 - Service Pack 4;
- For Windows 2003 - Service Pack 1;
- Availability of TCP / IP protocol for system management Zserver;
- Availability of free COM-port to connect the "red button".