

publiccloud – Security and Data Protection

Integrity. Availability. Confidentiality. Security or better said the security of your IT and other information is one of the most important tasks for a modern business. While safety and security both are basic human needs, they do not hold the same value in the business world, which in return can have disastrous consequences.

The increasing complexity and technical possibilities also force small and medium enterprises to shift their focus on IT security even for “small” businesses, as an existence without any information technology seems impossible in the 21st century.

publiccloud provides services that are only of the highest quality and security. The three security targets of integrity, availability and confidentiality form the central focus for publiccloud.

Integrity:	Protection from data corruption
Availability:	Ensuring data availability
Confidentiality:	Data loss / misuse prevention

Every planned change of the security system is assessed and their consequences considered thoroughly before implementation.

publiccloud takes extensive precautions to protect the clients’ sensitive data. Based on the international ISO 27001 standard, publiccloud takes appropriate measures and controls these regularly.

Some of the safety measures include:

- ***Access control and video surveillance of the data center***
- ***24/7 Monitoring and Surveillance of the systems***
- ***Physical Data Center Surveillance (Fire, air, intrusion, humidity, etc.)***
- ***Newest generation Fire Extinguishing systems with early fire recognition***
- ***The building and Data Center are equipped with dual power supply lines***
- ***UPS based Power Supply with a modern lightning protection system***
- ***Use of a mobile Emergency Generator***
- ***Regular check-ups and recurring maintenance***
- ***Separation and segmentation of Networks***
- ***Use of professional and powerful Firewall systems***
- ***Backup, off-site and archiving of data on long-term media***
- ***Ultra-fast and redundant fiber connection to the Internet***

Data Protection

Data protection = In the interest of legislation

In IT we understand Data Protection as protection of Person specific data.

Data Security

Data Security = In the interest of your Company

Under Data Security we interpret protection against manipulation, constant access availability and also data loss prevention.

