1000eyes – Data security

Data security has highest priority for 1000eyes GmbH, in order to ensure that your data is better preserved in our high secure data centre than at your site. Nobody has access to your recordings and cameras except you.

Facts

▪ All servers and storage systems are located in dedicated locked racks with a comprehensive safety concept in a high secure data centre at NetCologne in Cologne/Germany. The NetCologne operates one of the most prestigious data centers with highest safety standards and falls, unlike almost all other data centers, under the very strict German Telecommunications Act. Our 19"-racks with DIN 41949 ensure a secure high speed connection to the Internet. With over 350 peerings a total bandwidth of more than 120 Gbit/s is achieved.

- No access by unauthorized persons or visitors
- Around-the-Clock Monitoring
- Electronic and physical access control
- Uninterruptible power supplies including emergency generator, air conditioning and professional fire alarm system
- Maximum availability with redundant connections to the IP backbone NetCologne

"Your data is priceless. Therefore, they are as safe here as in a safe"
Silke Bauten, NetCologne Network Specialist

▪ With 1000eyes you have the highest possible security. Due to our unique technology architecture, no port forwarding, no lowering of the firewall and no DynDNS account is required, so all common network camera security problems do not apply. The cameras are therefore not visible from the Internet by third parties and are also protected behind the client and 1000eyes firewall. Also, port scans etc. are not possible. Our solution realizes the highest level of security automatically during installation.

▪ The network cameras are actively creating a permanent and secure tunnel connection to the central management server of 1000eyes. This connection uses the highly secure RC4 Encryption Standard, which is also used in SSL, SSH, and WPA and which is in practical use by banks etc. The tunnel connection is used for the the communication with the camera (exchange of configuration information, live access, etc.).

▪ If you store your recordngs in our high secure data center, you have a theft-proof system which is also save against access by third parties. 1000eyes also offers high availability by fully redundant storage systems (two independent RAID systems for each camera). You have to also not to take care of your data storage, backup and maintenance of your PC or recorder on site. All data is stored on a specially developed proprietary file system.

▪ The camera and data management complies with the strict German data protection regulations. Except you, no third party has access to your camera. Of course, also the employees of 1000eyes GmbH or the data center do not have access to your camera images.

▪ Your passwords are not stored in plain text in our database for security reasons but as a highly secure non-ecoverable hash-value (SHA-256).

▪ No open interfaces and SDKs for third-party, the whole system is proprietary.

▪ All web and application servers and storage are completely redundant for maximum availability.

▪ 24 x 7 internal und external monitoring of all servers and services.

Dedicated locked racks in high secure data center in Germany

No portforwardings and no need to lower the firewall

Comprehensive and tested safety concept

Theft-proof recording archive the data center

Highly secure storage on proprietary file format

Active Monitoring of all servers and services

TÜV Service tested gut (1,83)

We use thawte/VeriSign SSL Technology