Comelit CCTV: SECURITY features

1. P2P communication

- Supported by the Comelit Group S.p.A. web service, the partnership with AWS (Amazon web service) improves the Cloud management in terms of data source and vulnerability assessment.

2. Network infrastructure location

- The entire infrastructure is located in Frankfurt, Germany and is systematically redundant across multiple geographically distant datacenters.
- All datasources (databases, network disks, filestorage) are redundant to ensure high reliability and low failover times (in the order of seconds).
- All data sources are encrypted with symmetric encryption keys managed on hardware security modules compliant with FIPS 140-2 standards
- Datasources are not publicly accessible to guarantee an additional level of security
- Backups are constantly generated on all data sources and disks, stored in encrypted environments and which are distributed over different and distant geographical sites

3. Security and Cyber security

- the infrastructure is systematically subjected to automatic and continuous management of vulnerability assessment for the identification of security flaws in the software
- Monitoring with AI tools that use pattern recognition algorithms to identify fraudulent behavior and attacks
- Monitoring with tools that use machine learning and pattern matching to identify sensitive data and protect its privacy and security by enforcing security best practices
- the infrastructure is protected by an Intelligent Threat Detection tool with protection from DDoS attack at transport layer (lvl 4 ISO OSI)
- Use of serverless technologies for high reliability and scalability

For any further information please send an email to: info@comelit.it

S. Lorenzo di Rovetta, March 15th 2023

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