cysmo® Business Suite
Fully automated documentation, assessment and analysis of cyber risks

cysmo®: the industry standard for cyber risk ratings in the insurance sector

cysmo® assesses the security of a company's externally visible IT infrastructure. It allows the management of both own and external companies, such as service providers. The company's publicly accessible online systems are examined and rated. The sophisticated cysmo® security criteria are based on recommendations and industry standards, such as those of the BSI and VdS.

The ratings represent a snapshot of the current attack liability of a company's IT infrastructure but it is important to note that the situation can change at any given moment. Therefore, cysmo® offers you the possibility to perform the rating automatically at regular intervals.

cysmo® was developed by PPI AG, a renowned IT and consulting company based in Hamburg. Against the backdrop of many years of insurance, IT security and product development expertise, cysmo® was designed exclusively for the insurance sector. Many customers are already using cysmo® successfully as a sales and underwriting tool in the cyber insurance business. In addition, cysmo® can also be used for internal IT risk management processes in order to comply with VAIT. cysmo® is a software that is 100 % developed in Germany and has received the trust seal for "IT Security made in Germany".

How does cysmo®'s innovative risk analysis work?

The partial ratings generated by cysmo® detect various potential vulnerabilities of a company's IT structure. The detailed presentation of the total rating makes the result transparent and easy to understand for all involved parties.

Attack Resilience

The partial rating *Attack Resilience* represents the externally visible attack surface of the rated company – without performing active scans or penetrations of the systems or system components.

DDoS Stability

The partial rating *DDoS Stability* rates the resilience of the infrastructure regarding DDoS attacks (Distributed Denial of Service).

DNS Config

The partial rating *DNS Config* rates the configuration of the used DNS infrastructure (domain name system), i.e. the servers that are responsible for the name resolution of the systems.

Mail Config

The partial rating *Mail Config* rates the configuration of the used mail servers, for example with regard to adequate encryption or a configuration that makes social engineering attacks more difficult.

Privacy and Reputation

The partial rating *Privacy and Reputation* rates the handling of user data (tracking) of website visitors. It includes i.a. the encryption, confidentiality and forwarding of information on user behaviour (tracking) to third parties.

Darknet

The partial rating *Darknet* rates the attack surface with regard to social engineering on the basis of darknet information, which may include, for example, company addresses from public networks.

Efficient monitoring

To be able to ensure that your company continuously keeps up with the times, the rating of cysmo® can be performed automatically at regular intervals. This guarantees that your company always remains an unattractive target for attackers.

For questions and further information:

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