

Assess and Improve your Security Situation With lywand

For years, the economy has been exposed to a growing number of cyber attacks. It is therefore becoming increasingly important for companies to get a detailed overview of their own security situation, in order to arm themselves and to implement appropriate measures in cybersecurity.

Lywand evaluates the current security situation of your own digital infrastructure simply, quickly, comprehensibly, continuously and cost-effectively, and shows you step-by-step how to improve it.

Features of the lywand Service in Detail

Lywand automatically identifies and checks your external infrastructure (domains, IP addresses and email addresses). The internal infrastructure (end devices and servers) is checked daily using agents. This agent runs unnoticed in the background and always remains up to date with the help of auto-update.

After starting the security check, you can eagerly await the evaluation of your infrastructure. Depending on the size of the domain to be checked, this may last a while. During this time, lywand coordinates various modules (vulnerability scanners and user data disclosure detection systems) that check the infrastructure for security vulnerabilities.

Afterwards, the security status of your company is presented visually in a simple way. Measures that have already been prioritized are intended to help turn the most important screws first. The proposed measures can be planned by your IT service provider in a so-called "renovation plan". This serves as a concrete checklist for fixing the identified problems. Once the measures have been implemented, the entire infrastructure can be checked again to show the security improvement with lywand.

Data Storage

Lywand collects the following data to operate on a regular basis:

- + Your personal customer data, which is provided in the registration process.
- + Information, which is determined via public data sources. On the one hand, the identified infrastructure of your corporate environment, which consists of the found targets. On the other hand, the identified security vulnerabilities of the scanned infrastructure.
- + Measures which are planned for subsequent implementation.

All data is stored encrypted in the database.

Infrastructure Provision

The mission of lywand is to make IT security easily and also cost-effectively accessible to everyone. To guarantee this, our environment runs in a highly available secure private cloud in Frankfurt (Germany). The data center is secured both physically and digitally and certified according to proven IT standards (certifications ISO 27001, ISO 27017, ISO 27018, PCI DSS, and many more). Details can be found [here](#).