EDR: Protecting IT end-user devices in logistics against cyber attacks

Whether it's laptops, smartphones or servers that we use on a daily basis at work: in this day and age, they are threatened by cyberattacks that are easily missed by traditional security products and are difficult to defend against. Attackers have become incredibly skilled at outsmarting signature-based protective mechanisms such as anti-virus software and Intrusion Detection Systems (IDS). And the increasing prevalence of mobile devices and remote working is undermining the effectiveness of network-based defensive measures – such as firewalls, for example.

The tried and tested security EDR software (Endpoint Detection and Response) is the evolution of the virus scanner: a solution that aims to provide deeper functionality than traditional anti-virus and anti-malware solutions. First and foremost, cyber attacks are detected in real time, which makes it possible to counter threats very quickly. logineer's Cyber Security Experts support you not only in setting up the EDR service in your IT environment, but also in the event of an attack.

The advantages of logineer's EDR Service:

1. **Comprehensive protection of your end-user devices**
   In addition to notebooks, desktops, tablets and smartphones, we also protect servers in your network.

2. **State-of-the-art technology:**
   We use machine learning and artificial intelligence to detect malware and ransomware.

3. **24/7:**
   In the event of a cyber attack, we are by your side and reliably minimise the damage.

4. **Profound transparency:**
   A report provides all available information about an incident.

5. **Practical, active support:**
   We provide you with specific measures that can be implemented, enabling you to benefit directly from our expertise.

6. **Continuous reporting:**
   You get monthly analyses that provide comprehensive information on the security of your end-user devices.

Strengthen the resilience of the supply chain through cyber security!

Always be one step ahead of attackers with logineer's expertise in all matters of IT security.

With our parent company q.beyond, we offer you many years' experience in cyber security services combined with our specialized knowledge in the logistics industry. You have a partner by your side who protects your IT assets with targeted help.

Better protection against cyber attacks with EDR solutions

Endpoint Detection and Response is a solution to protect and defend end-user devices such as PCs, laptops, tablets, smartphones and servers against cyber threats. EDR records the behaviour of the end-user devices – e.g. in the form of event logs, authentication attempts, running applications – and analyses this data. Should suspicious behaviour be detected, Endpoint Detection and Response provides automated reactions to defend against it – for example, by isolating the end-user devices.

The benefits of EDR security:

Comprehensive analysis:
The inner workings of the end-user devices are examined and the links between processes, network connections and user behaviour are checked. At the same time, EDR is a centralised system. Analysts can easily get an overview of the company's security situation and identify threat patterns on dozens, hundreds or even thousands of end-user devices.

Detection of highly sophisticated, technically advanced threats:
EDR can detect attacks that might otherwise have gone unnoticed – such as phishing, zero-day attacks, insider threats or advanced hacking campaigns.

Simplified response to security incidents:
The many details captured by EDR solutions can greatly simplify response measures and remedial actions following a security incident.

Automation and integration:
EDR can be easily integrated thanks to the robust automation functions. Since EDR is usually installed on all end-user devices within an organisation, investigation or response activities can be initiated quickly and on a large scale.

The basic functions of an EDR solution at a glance:

- Monitoring and collection of end-user devices' activities and events in real time
- Aggregation and analysis of the data with the help of advanced techniques and algorithms in real time
- Identification of suspicious behaviour and threat detection
- Automated response to combat and defend against threats

Which EDR solution is best suited to your organisation? How well can the EDR solution be integrated into your company's IT security landscape? How compatible is the EDR solution with your operating systems and applications? Together with you, we draw up a professional security analysis in order to implement the EDR solution adapted to your needs.

logineer is an IT service provider with around 200 IT and logistics experts, digitalising logistics companies across the globe. Freight forwarders receive all IT services securely and from a single source.

logineer has outstanding experience in international sea and air freight as well as in contract logistics. Our services include strategy-based IT consulting, product and process consulting, implementation, system integration, operation and our own global 24/7 help desk. The portfolio has a modular structure: The solutions offered include IT infrastructure & workplace, financial accounting, transport management, warehouse management and cyber security.

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