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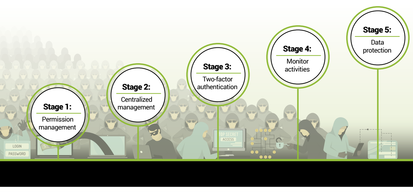
ZERO TRUST

Endian Secure Digital Platform adopts the concept of Zero Trust

The term „Zero Trust" refers to a set of cyber security solutions based on the principle that no user or device can be trusted - regardless of whether they are outside or inside the corporate network. This model is not based on locations and perimeters, but on the identity, authorization and secure authentication of users and machines for each individual access.



Alarming facts about cybersecurity

40%
of industrial companies had serious security incidents during the last 3 years

86%
of breaches were financially motivated and 10% were motivated by espionage

95%
of cybersecurity breaches are caused by human error

93%
of human risk factors involve employees using weak or old passwords

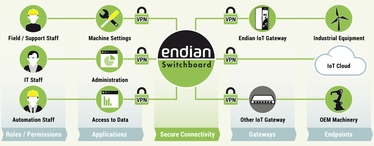
$3.9million
is the average cost of a security breach for a Small to Medium Enterprise

Sources: Bitdefender, Cybint, Verizon, Gartner, FHDW Paderborn

Stage 1

Permission management

Ensure that each of your internal and external users has access to only those devices that are relevant to them, depending on their role or tasks.



Stage 2

Centralized management

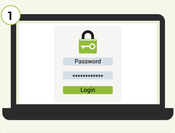
Fast, centralized management of all end devices, users and connections.

Be aware that the solution must be scalable and easy to integrate.

Stage 3

Two-factor authentication

When logging in to a system, add another authentication factor in addition to the username and password to make logins more secure.



1 - Enter your username and password

2 - Use your smartphone as a device on which to send a time-limited code.

Stage 4

Monitor activities

Quickly detect unusual and suspicious activity on the network by integrating an intrusion detection system.

Stage 5

Data protection

The virtual private network (VPN) tunnel plays an important role in the Zero Trust concept, as it is used to encrypt data and ensure that it cannot be stolen or modified.

Conclusion

Even though the **Zero Trust** strategy is based on trusting no one, **you can always trust Endian products**.

To protect yourself from cyber-attacks it is very important to adopt more than one security solution: Endian products enable the implementation of each of the stages just outlined and many more.

Want to learn more? Get in touch. www.endian.com