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EASYAUDIT WHITE PAPER

IT Security and the Importance of Understanding

Using a security system does not automatically make us understand what enables a cyberattack. Only discovering and recognizing weak points allows us to defend ourselves effectively.

Start with a concrete example: a firewall can hide some services, but after an attack it does not hold back sensitive data. If servers are updated and respond only to SSH and HTTPS requests, a firewall adds little to the defense and can waste resources.

Three Things to Remember

- The more protected we feel, the less we try to understand. Too many people rely passively on tools, forgetting that defense starts with understanding the threat and the opponent.
- Do not overestimate defense. Security-product developers react more slowly than attackers change techniques. The contest is uneven: an effective product costs millions, while a well-prepared attack may take only a few months.
- Attacks evolve very quickly. Protection systems often focus on the network, while applications and sensitive data are almost always the real target.

Carry out a preliminary analysis of threats and vulnerabilities before buying tools: you may still buy something, but it may not be what you first expected.