

Methods to overcome cyber security attacks from the inside.

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By employing the following strategies, people should be managed to fend off insider cyber security threats as per ISO/IEC Standard 27000 Section 3 Terms and Definitions.

1. Audit:

Process that is systematic, independent, and recorded for gathering audit evidence and assessing it objectively to ascertain the degree to which the audit criteria are met.

Note 1 to entry: An audit can be combined with an external audit (second party or third party) or an internal audit (first party) (combining two or more disciplines).

Note 2 to entry: An internal audit is carried either by the company itself or on its behalf by a third party.

Note 3 to entry: “Audit evidence” and “audit criteria” are defined in ISO 19011.

2. Control:

Measure that is modifying risk.

Note 1 to entry: Controls include any process, policy, device, practice, or other actions which modify risk.

Note 2 to entry: It is possible that controls not always exert the intended or assumed modifying effect.

3. Information security:

Preservation of confidentiality, integrity and availability of information

Note 1 to entry: Other characteristics, such as reliability, non-repudiation, accountability, and authenticity, may also be relevant.

4. Information security event:

Identification of a system, service, or network condition that might point to a potential information security policy violation, a failure of controls, or an unknown circumstance that might be security relevant.

5. Information security incident:

A single incident or a string of unwanted or unanticipated information security occurrences that pose a serious risk to data security and business operations.

References:

ISO/IEC 27000:2018(en)

Information technology — Security techniques — Information security management systems — Overview and vocabulary. <https://www.iso.org/obp/ui/#iso:std:iso-iec:27000:ed-5:v1:en> [Accessed on 14th Dec 2022\

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