

Industrial espionage:

Industrial espionage involves spying on a competitor so as to get or steal information that can be used to finish the competitor or for commercial gain.

The main aim of espionage is to get ideas on how to counter by developing similar approach or sabotage.

An employee who is not supposed to see some sensitive data gets it, either by mistake or design.

Strangers who may stray into the computer room when nobody is using the computers.

Forced entry into the computer room through weak access points.

Network access in case the computers are networked & connected to the external world.

Control measures against unauthorized access.

Use transaction & fill logs to monitor access to sensitive areas of the system.

Monitor & investigate error logs and reports on regular basis.

Carry out risk analysis to examine the exposure of the organization to possible fraud.

Sabotage.

Sabotage is the illegal or malicious destruction of the system, data or information by employees or other people with grudges with the aim of crippling service delivery or causing great loss to an organization.

Sabotage is usually carried out by discontented employees or those sent by competitors to cause harm to the organization.

The following are some acts of saboteurs which can result in great damage to the computer centres:

Using Magnets to mix up (mess up) codes on tapes.

Accidental deletion of data, information or programs.

Vandalism, i.e., theft or destruction of data, information or programs & hardware.

Piracy of copyrighted data & software.

Security measures against Carelessness & Clumsiness:

Better selection of personnel.

Have a good office layout.

Improve employee training and education.

Limit access to data and computers.

Regular backups.

Use of Undelete & Unformat utilities.

Security measures against Vandalism:

Should have a sensitive attitude to office behaviour.

Tighten security measures, e.g., install alarm systems, burglar-proof doors/windows, & roofs).

Limit access to sensitive company information.

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