

# Protecting against physical and environmental threats

ISO 27002 Control 7.5

## Control

Protection against physical and environmental threats, such as natural disasters and other intentional or unintentional physical threats to infrastructure should be designed and implemented

## Purpose

To prevent or reduce the consequences of events originating from physical and environmental threats

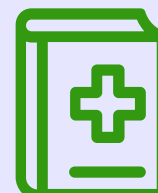


## Why is it important?

- It ensures that critical operations are protected by mitigating risks identified during site-specific risk assessments
- Failure to implement safeguards can lead to catastrophic consequences (e.g., loss of data, major interruption to operations) due to physical events

## How can we implement it ?

- Perform risk assessments to identify potential consequences of physical and environmental threats at a site
- Implement safeguards based on risk assessment results (e.g., detection systems for fire/flood)
- Site location and construction should account for local topography and urban threats
- Obtain specialist advice on managing risks arising from these threats



## What small details are important?

- Fire suppression should use the most appropriate substance (e.g., gas in confined spaces)
- Locations should avoid sites with a high profile for attracting political unrest, criminal activity, or terrorist attacks.

## Link with other frameworks

- NIST 800-53 rev5 : CP-6, CP-7, PE-9, PE-13, PE-14, PE-15, PE-18, PE-19, PE-23
- NIST CSF 2.0 : GV.OC-04, PR.IR-02



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