

# What Is cyber incident response management?

**Cyber incident response management** is a process of planning, coordinating, and executing actions to detect, analyse, mitigate, and recover from cybersecurity incidents, ensuring effective response and minimising potential damage.

## The three R's strategy

### Readiness

To ensure readiness, have 24/7 monitoring, a skilled team, and crisis simulations to assess your organisation's preparedness.

### Response

Coordinate to avoid crisis and minimise losses. Communicate effectively, including through social media, to reassure stakeholders and protect reputation, and finances.

### Recovery

The process to assess the incident's causes, evaluate the response's effectiveness, and extract valuable lessons for future improvement.

## Why Is CIR needed?

To prepare for cyber-attacks and data breaches as they are inevitable. GDPR and NIS regulations require reporting within 72 hours to report breaches with substantial fines for non-compliance. Emphasising the need for a swift response.

## What is a cyber security incident?

- Attempts to gain unauthorised access to a system/data.
- Malicious disruption and/or denial of service.
- The unauthorised use of systems and/or data.
- Modification of a system's firmware, software or hardware without the system owner's consent.