

# The Monitoring Principle



**Name:** Observing events and activities mitigates risks

**Title:**

Regularly observing activities and events reduces the time to respond to an incident and the cost to control and repair damage, thus mitigating risks.

**Short Statement:**

**By** regularly observing actors, entities, activities, and events via high-quality data collection methods, **it is ensured** the time to respond to incidents is shorter **and with that**, the cost to control and repair the damage is reduced and the time to proceed realizing the stakeholders' goals and objectives is reduced (mitigating risks).

**Long Statement:**

**By** regularly recording, logging and observing, via high-quality data collection methods, the actors and entities of a system (such as a space, process or project), the context of a system and the events happening and activities taking place in a system, and storing/managing the data in a data platform, **it is ensured that** the average time to respond to anomalies, exceptions and incidents is shorter and the way that is responded is better **and with that** the time and cost of controlling and repairing the damage with actors, entities and the system and getting the actors, entities and system back into their preferred state, is lower. This help to better proceed realizing objectives and goals of stakeholders, thus mitigating risks. Ultimately monitoring prevent system collapse or other disasters.

**By** constantly, via AI & ML, using a large number of reference facts, patterns, information (trends / time-series) and knowledge on anomalies, exceptions, incidents, damages and costs, to match the current situation of a systems, the monitoring concept can also do effective predictive analyses and early warning.

**Literature reference:** [www.dragon1.com/resources](http://www.dragon1.com/resources)

**Legend**

