

# Safety Management vs SMS?

“Safety Management” is a generic term

“SMS” refers to a specific framework of Safety Management activities

## What is SMS?

1. A way of doing business – tailored to your unique organization...
2. ...where you do specific activities to align with the ICAO “Four Pillars” and its 12 Elements AND where you meet the specific requirements of whomever is asking (such as a certification standard or your customer’s SMS audit checklist).
3. ...and where your organization strives to build and maintain a positive and “just” safety culture

## The Four Components (“Pillars”) and the 12 Elements that Comprise the ICAO SMS Framework

*Black font is the SMS Component/Element and red font is the name of the tool in PRISM SMS that you would use to fulfill the required activities of that Element. Acronyms are defined on the second page.*

1. Safety policy and objectives
  - 1.1 Management commitment and responsibility (in your SMS Manual in Safety Locker)
  - 1.2 Safety accountabilities (SMS Manual in Safety Locker)
  - 1.3 Appointment of key safety personnel (SMS Manual in Safety Locker)
  - 1.4 Coordination of emergency response planning (ERP Manual and SMS Manual in Safety Locker)
  - 1.5 SMS documentation (All PRISM ARMOR SMS Tools)
2. Safety risk management
  - 2.1 Hazard identification (RPT, Risk Factor Summary from FRAT/GRAT, IEP Findings)
  - 2.2 Safety risk assessment and mitigation (RPT, RAT, IEP Findings, Risk Matrix Tool)
3. Safety assurance
  - 3.1 Safety performance monitoring and measurement (SPTs/SPIs in Safety Locker and in Safety Intelligence Enhanced/Data Analytics)
  - 3.2 The management of change (Change List in Safety Locker, RA’s in RAT, RPT)
  - 3.3 Continuous improvement of the SMS (Assurance Checks in RPT, IEP and RAT)
4. Safety promotion
  - 4.1 Training and education (“Safety Materials” and “Training” menus, TQT and Safety Locker)
  - 4.2 Safety communication. (“Publishing” feature in RPT, IEP, FRAT, GRAT; “Read and Initial” in Safety Locker)

## The Safety Risk Management (SRM) Process

1. Identify the consequence/cause(s) - (Safety Investigation + RCA)
2. Assess INITIAL risk based on severity and probability using a matrix
3. Develop controls / mitigations using the “Hierarchy of Controls”.
4. Assess RESIDUAL risk based on severity and probability using a matrix
5. Implement / Communicate / Follow Up (assurance check)

PRISM SMS Tools fully support the “Four Pillars of Safety Management” concept and SMS framework.



SAFETY POLICY	RISK MANAGEMENT	SAFETY ASSURANCE	SAFETY PROMOTION
Safety Locker	Reporting Program Tracker (RPT)	Internal Evaluation Program (IEP)	Safety Materials
Safety Materials	Flight Risk Analysis Tool (FRAT)	Corrective Action Assurance Checks (IEP, RPT, RAT)	Safety Locker
	Ground Risk Analysis Tool (GRAT)	Safety Intelligence	Training & Qualification Tracker (TQT)
	Risk Assessment Tool (RAT)	Read & Initial (Safety Locker)	Safety Training Elements
	Company Risk Profile	Data Alerts	Publisher Function (Safety Locker, RPT, IEP, FRAT, GRAT)
	Risk Matrix Tool		