

# SITA SAFETY CUBE

Risk & Compliance Management

**SITA**  
FOR AIRCRAFT



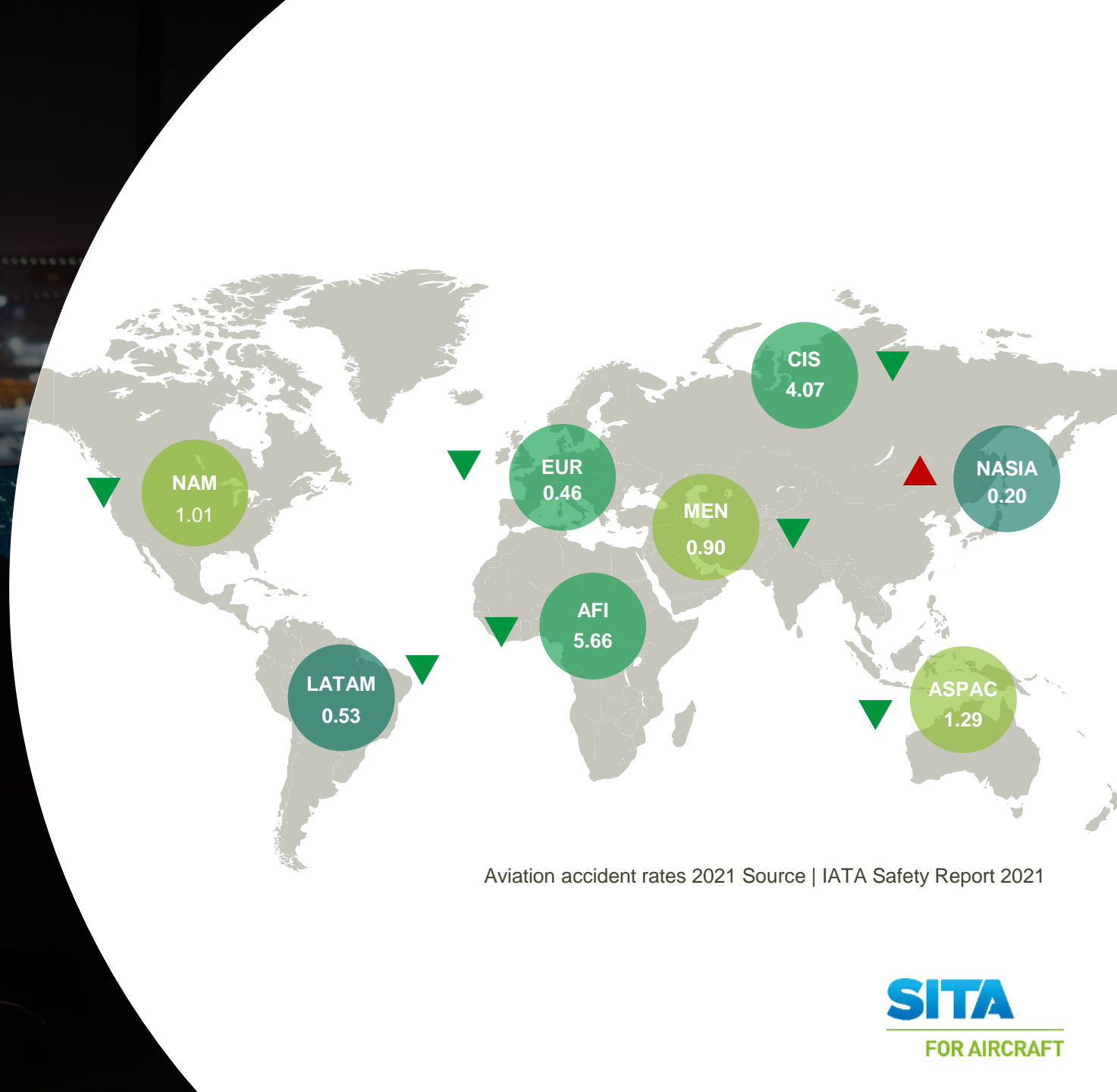
# INTRODUCTION

— Together we will make the best of  
your safety & compliance data

# Air Transport Safety Strategy

- 1 Reduce Operational Risk
- 2 Support Consistent Implementation of SMS
- 3 Identify and Address Emerging Safety Issues
- 4 Enhance Quality Compliance (QMS)

**SUPPORTED BY SITA SAFETY CUBE**  
Meeting your business requirements



Aviation accident rates 2021 Source | IATA Safety Report 2021

# Improve Safety by Connecting Risk Analysis Models to Data Capturing Tools

Use data to drive your safety management strategy



SITA Safety Cube®



Air operators



Airports



ANSP'S



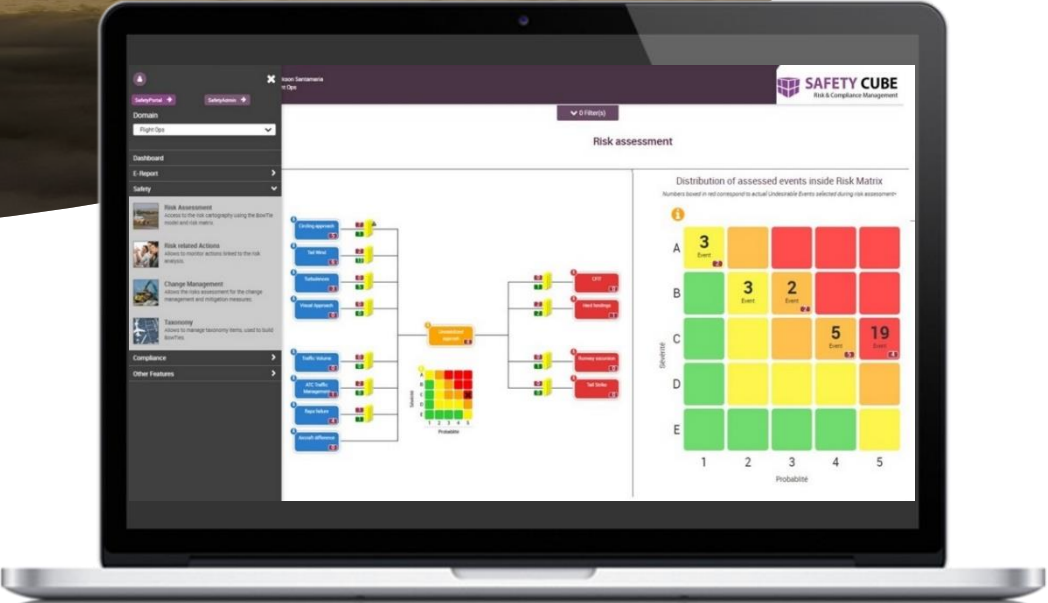
MRO'S



CAA'S



OEM'S



**MONITORING**  
Operational risk & safety control's effectiveness while operating

# 50+ Customers Around The World

Representing all types and sizes  
of aviation organizations



SITA Safety Cube®





# Why SITA Safety Cube



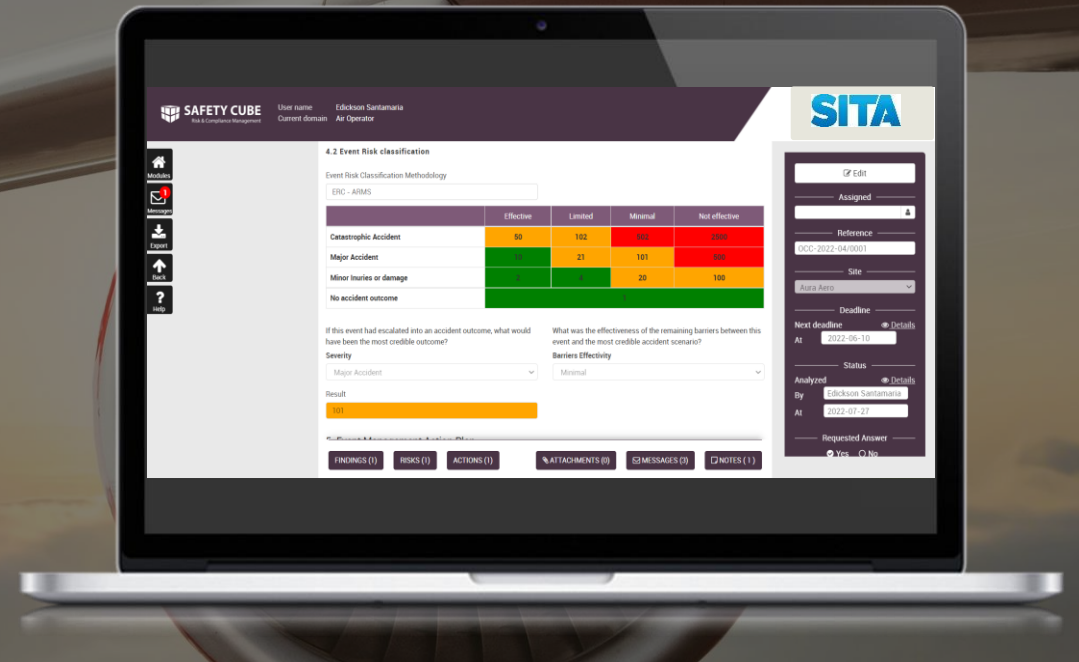
User Friendly



Flexible



Able to be integrated



**ENABLER OF EFFICIENT  
DECISION-MAKING**  
to achieve operational excellence

# What Do We Offer



SITA Safety Cube®

## REPORTING PLATFORM

Offline/ Online  
Desktop / mobile app  
Tailored reporting forms



01

## SEARCHABLE SAFETY DATABASE



02

## SEARCHABLE SAFETY DATABASE



03

## BOWTIE RISK ANALYSIS METHODOLOGY

Enables Proactive  
Hazard identification, risk  
monitoring and risk  
mitigation



04

## MGMT OF CHANGE ASSESSMENTS

Adapt any methodology



05

## AUDITS MANAGEMENT PLATFORM

Checklist, findings  
and actions



06

## SAFETY DATA AND QUALITY DASHBOARD

Design and track SPI &  
SPT



07

## SAFETY COMMUNICATIONS ADMINISTRATION

Spread information  
and track impact



08

## DOCUMENTATION STORAGE

Make available relevant  
information for front-line  
staff



09

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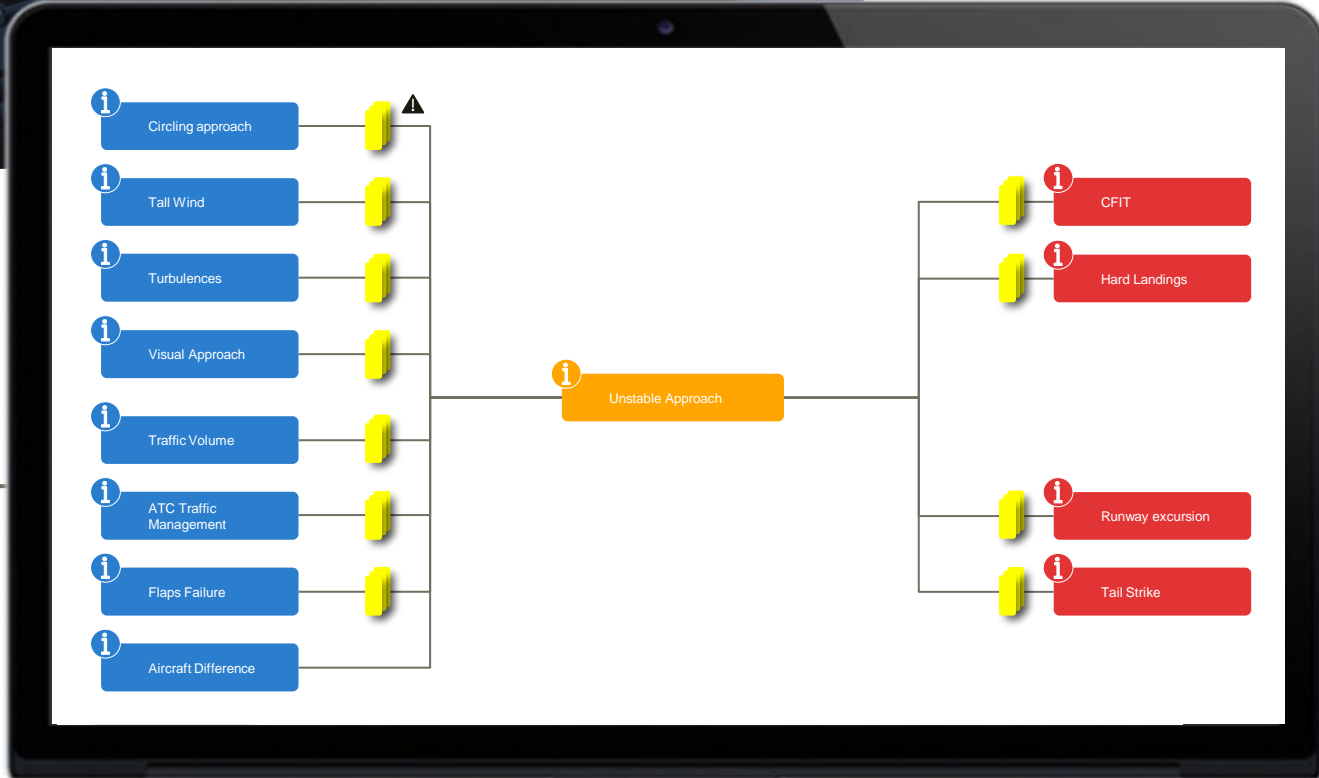


# How Do We Bring Bowties to Live

1

## Risk Mapping

Mapping and describing key operational risks Proactively



# How Do We Bring Bowties to Live

1

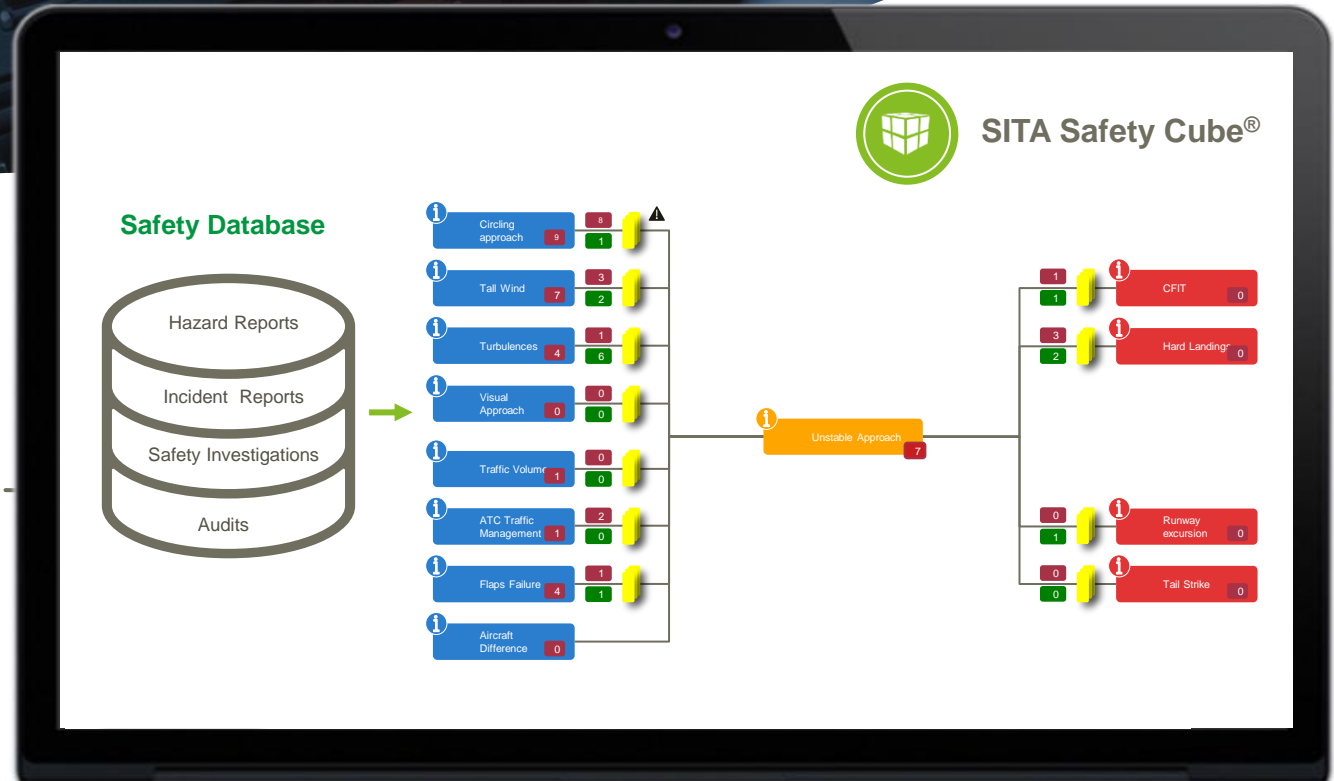
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Proactively

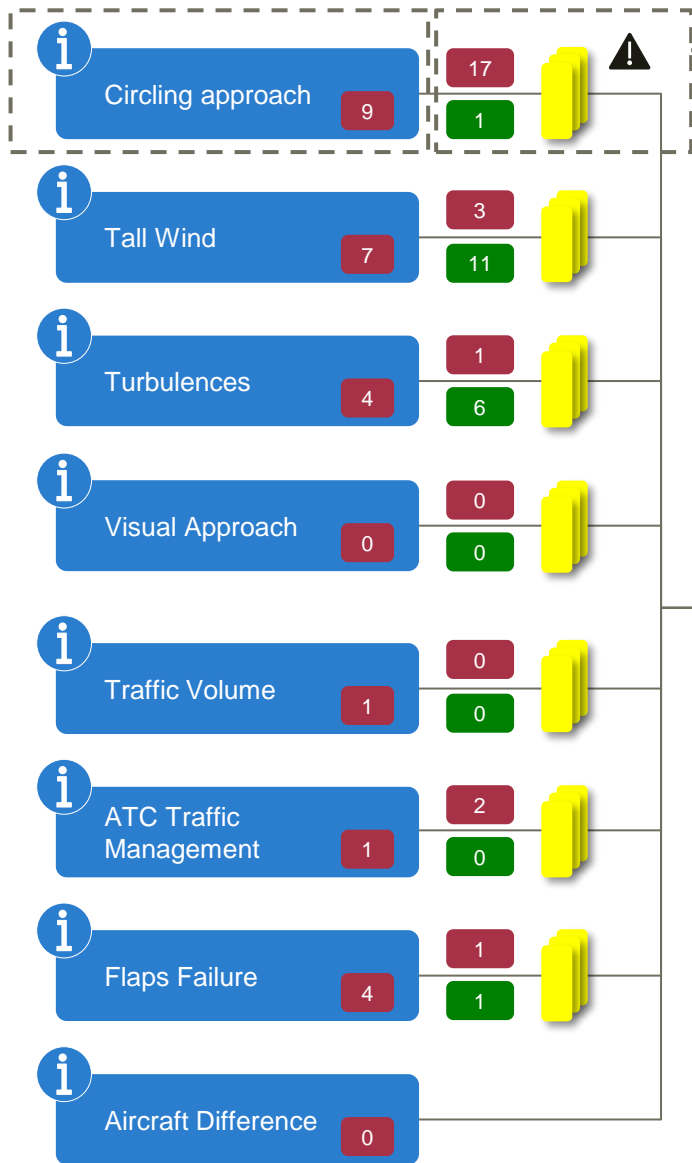
2

## Connecting data

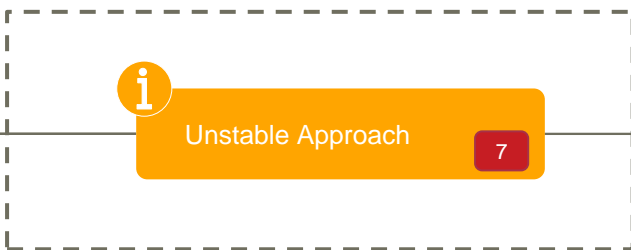
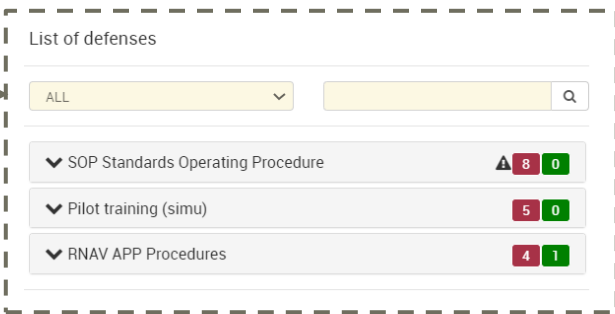
Enabler to dynamic risk  
monitoring and efficient  
risk mitigation.



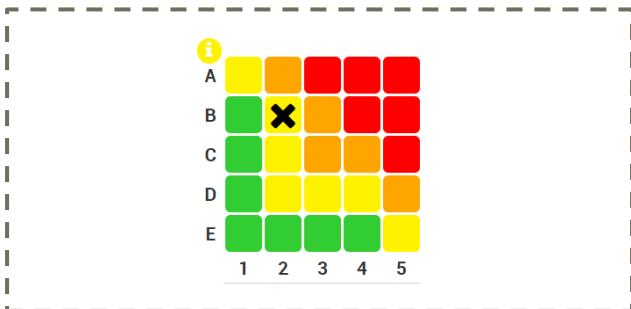
### 1. Identify emerging Safety Issues



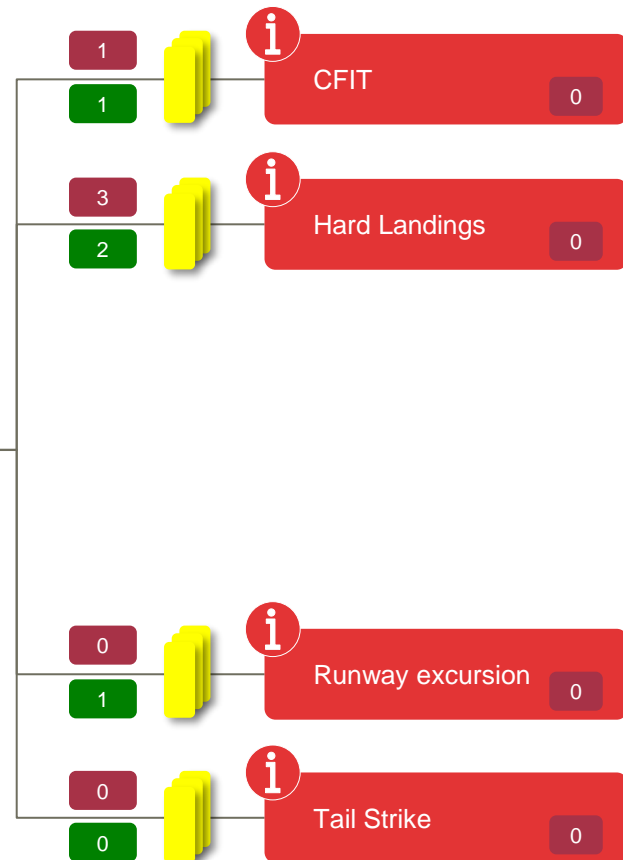
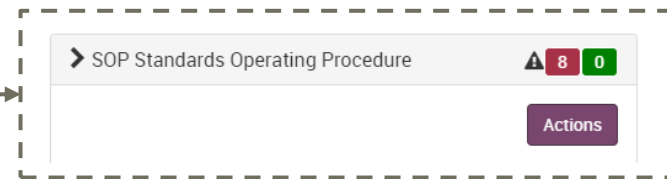
### 2. Measure Safety Control Rate Of Failure



### 4. Eliminate Risk Assessment Subjectivity



### 3. Focus On The Weak Control





# Main Benefits



**Track operational risk effortlessly**  
Use dynamic bowtie to track risk and safety strategy effectiveness



**Efficient risk mitigation**  
Allocate resources to control risk by focusing efforts on actual safety and compliance breach.



**Progress to performance-based oversight**  
Develop Risk base audits to optimize the compliance monitoring program.

# Potential Return on Investment

**25%**  
Less operational incidents

Avoid direct and indirect **incident's costs**

**10%**  
**Saved on Insurance**  
Save on insurance premiums renewal price by Improving safety performance.

**30%**  
**Saved time**  
Save time on rutinary/ administrative tasks



# SITA SAFETY CUBE

## In Depth

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