AVIATION TECHNOLOGY SOLUTIONS

WE ARE A COMPANY SPECIALIZING IN AVIATION TECHNOLOGIES

QMSmart is a Technology provider specialized in Aviation domain with a strong foot-print. With our Low-Code platform we have invented and developed a framework that helps in optimizing any aviation process, be it Safety, Compliance, Hazard & Risk, Crew, Document or even Task Management

CONTACT US

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OUR SOLUTIONS

Safety Management

With systems that help report incidents/changes/risk, investigations, and give corrective or preventive measures seamlessly, and make sure that no incident goes unnoticed. We keep your safety our top priority.

Audit Management

A system that allows creating question banks, choices & choice types with regulations attached. Making it easy to build checklists for audits and also schedule audits seamlessly. You can also get all audit reports and always be on track.
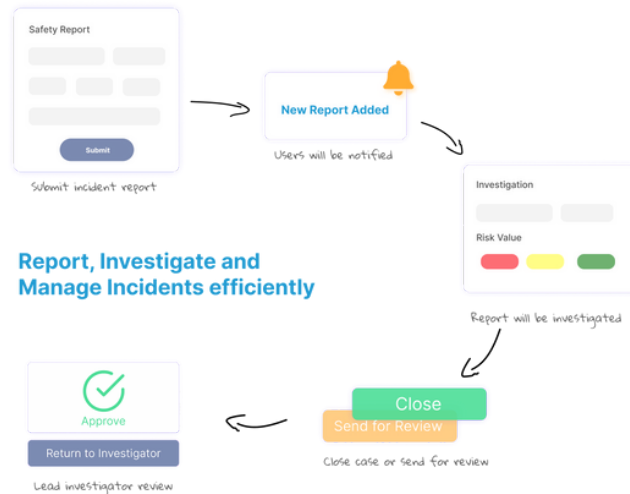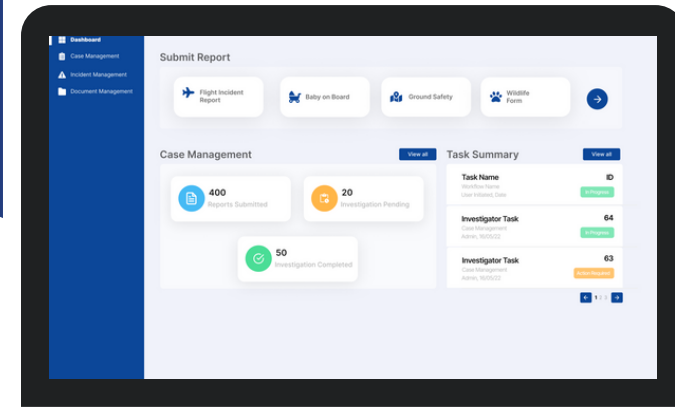
Risk Management

A system that enables to report of hazards or changes and ensures a systematic risk assessment is being conducted for the same in order to mitigate any potential accidents or incidents.

Document Management

A system that allows the creation, storage, managing, indexing, protection, and retrieval of digital documents. You can organize all your files and data in one place, keep track of all your critical documents, speed up your workflow, improve accuracy and provide around-the-clock access to documents from any part of the world.

CUSTOMIZE OUR PRE-BUILT SOLUTIONS TO YOUR NEEDS

NO INCIDENTS WILL GO UNNOTICED

SAFETY MANAGEMENT SYSTEM

Report, Investigate and Manage Incidents efficiently

Submit incident report

New Report Added
Users will be notified

Investigation
Risk Value
Report will be investigated

Approve
Return to Investigator
Lead investigator review

Close
Send for Review
Close case or send for review

Access reports on the GO with your mobile phone

ONE PLACE TO

✔ Report Incidents
✔ Investigate incidents
✔ Track investigations
✔ Create and implement CAPA
✔ Assign risk ratings to incidents

TRACK INVESTIGATIONS AND GET SAFETY INTELLIGENCE ANALYTICS

HOW SMS WORKS

Incident Reporting

Report incidents using a fully customizable form. A user can simply fill in all the details and submit.

Report Validation

Once an incident report is submitted, the report goes through a validation stage where a gatekeeper will validate if the investigation is required or not.

Investigation

After a report is validated. Our system automatically creates a case and triggers an investigation task for investigators. Where a group of investigators or an individual investigator can investigate the case.

HOW SMS WORKS

## Lead investigation and final risk rating

Once initial risk ratings and investigation is done the investigator can send the report for review by a lead investigator. After review, the lead investigator can give final risk ratings and close or return the case.

Track workflow

Workflow Track Details

# ⇅	Task ⇅	Assigned By ⇅	Assigned On ⇅	Actioned By ⇅	Completed On ⇅	Status ⇅
1	Case Investigation	150001	27-07-2022 05:07:29	150001	27-07-2022 05:07:29	Completed
2	Investigator Task	150001	27-07-2022 05:07:29	15002	27-07-2022 05:08:29	Completed
3	Investigation In-Progress	15002	27-07-2022 05:08:29	15002	27-07-2022 05:09:14	Completed
4	Task to Lead Investigator	15002	27-07-2022 05:09:14	15002	27-07-2022 05:09:14	In Progress
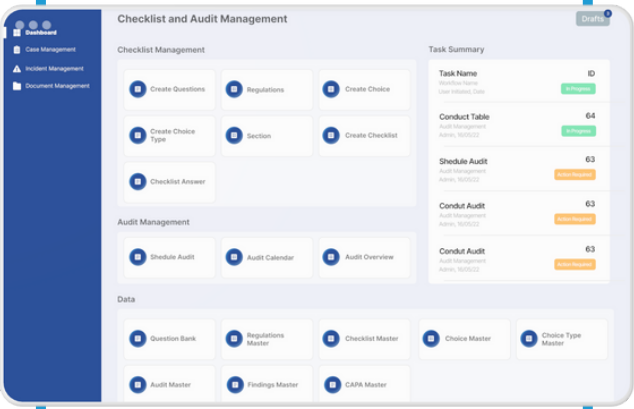
CREATE,
SCHEDULE
ANDTRACK
AUDITS
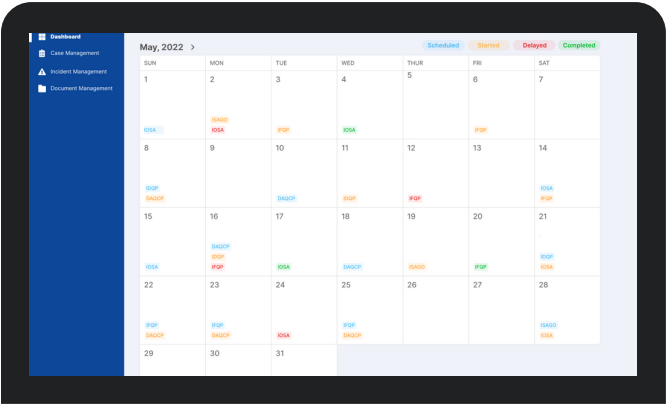
AUDIT
MANAGEMENT
SYSTEM
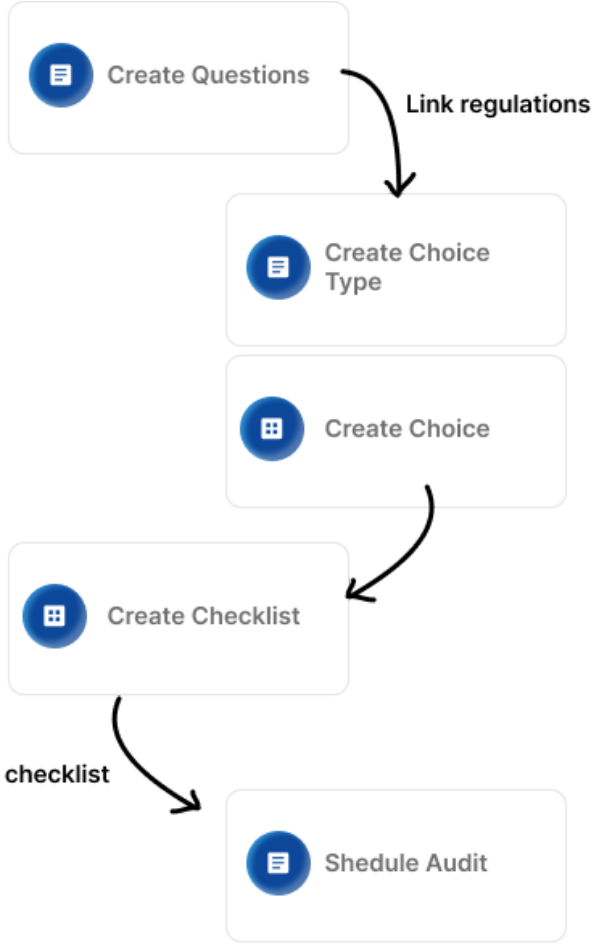
ONE PLACE TO

✔ Create question banks
✔ Manage regulations
✔ Build and publish the checklist
✔ Schedule and track audit
✔View audit reports

SCHEDULE AND
CONDUCT AUDITS
SEAMLESSLY

Create Questions

Link regulations

Create Choice Type

Create Choice

Create Checklist

Publish checklist

Shedule Audit

CREATE QUESTIONS, CHOICE TYPE AND CHOICES

Create Questions with Regulations

Enter Questions

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Enter Enter Questions

+   Select Regulations

id ⌄	reg_type ⌄	reg_name ⌄	Actions ⌄

No data to display

0 total

Create Choice Types and Choices

Choice Type Name

Enter Choice Type Name

Enter Choices   Choice Types

Enter Enter Choices

CREATE CHECKLIST

Create and customize the checklist for audit with an easy-to-use drag and drop components. Add multiple sections with questions, enable the auditor to add media and notes as audit evidence and also edit and view all the regulations linked with the questions.

Audit Calendar to view and track scheduled audits

SCHEDULE AUDIT

Using our smart forms, add audit details, briefing and attach the published checklist. You can also select multiple checklist and assign different lead auditors for different checklists.

Assign Audit

Once an audit is scheduled from the audit office and the lead investigator accepts it. The lead investigator can assign different sections of the audit checklist to different auditors to optimize the resources. In addition to that lead auditor can also self assign the checklist.

Conduct Audit and Raise Findings

After the sections are assigned the auditor can conduct the audit answer the checklist and also raise findings for the questions. The auditor will also be able to view regulation attached with the questions,upload evidences for the audit and also they will be able to answer the checklist in their smart phones as well.

ASSIGN AND CONDUCT AUDIT

IDENTIFY AND IMPLEMENT CAPA

Identify CAPA

Once the checklist is answered and the audit is completed and submitted by the auditor, the findings are approved by the quality manager. After which CAPA is identified for the findings that were raised during audit

CAPA Approval

After CAPA is identified, it goes for approval from the QA.

CAPA Implementation

A system that enables to report of hazards or changes and ensures a systematic risk assessment is being conducted for the same in order to mitigate any potential accidents or incidents.

CAPA Closed

Once CAPA implementation is completed and verified the CAPA is closed

RISK MANAGEMENT SYSTEM

MANAGE RISK IN AVIATION OPERATIONS

Create Safety Concern ← Hazard Investigation audit

Identify Hazard, consequences and Assess Risk

Identify Level of Risk

Risk Strategy

Mitigate

Avoid

Accept

Escalate to steering group ← No

Yes → Mitigate and continue operation

Residual Risk

Acceptable Risk Level
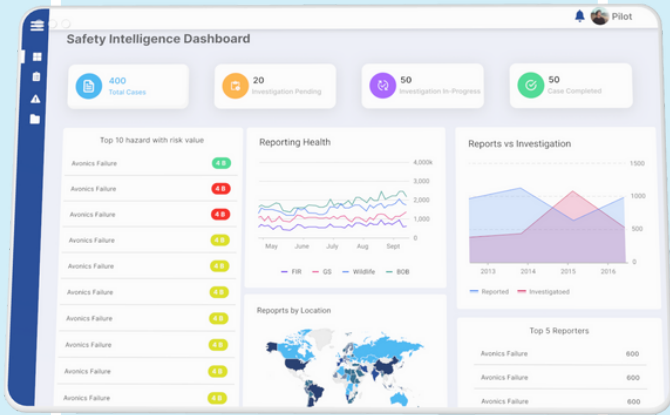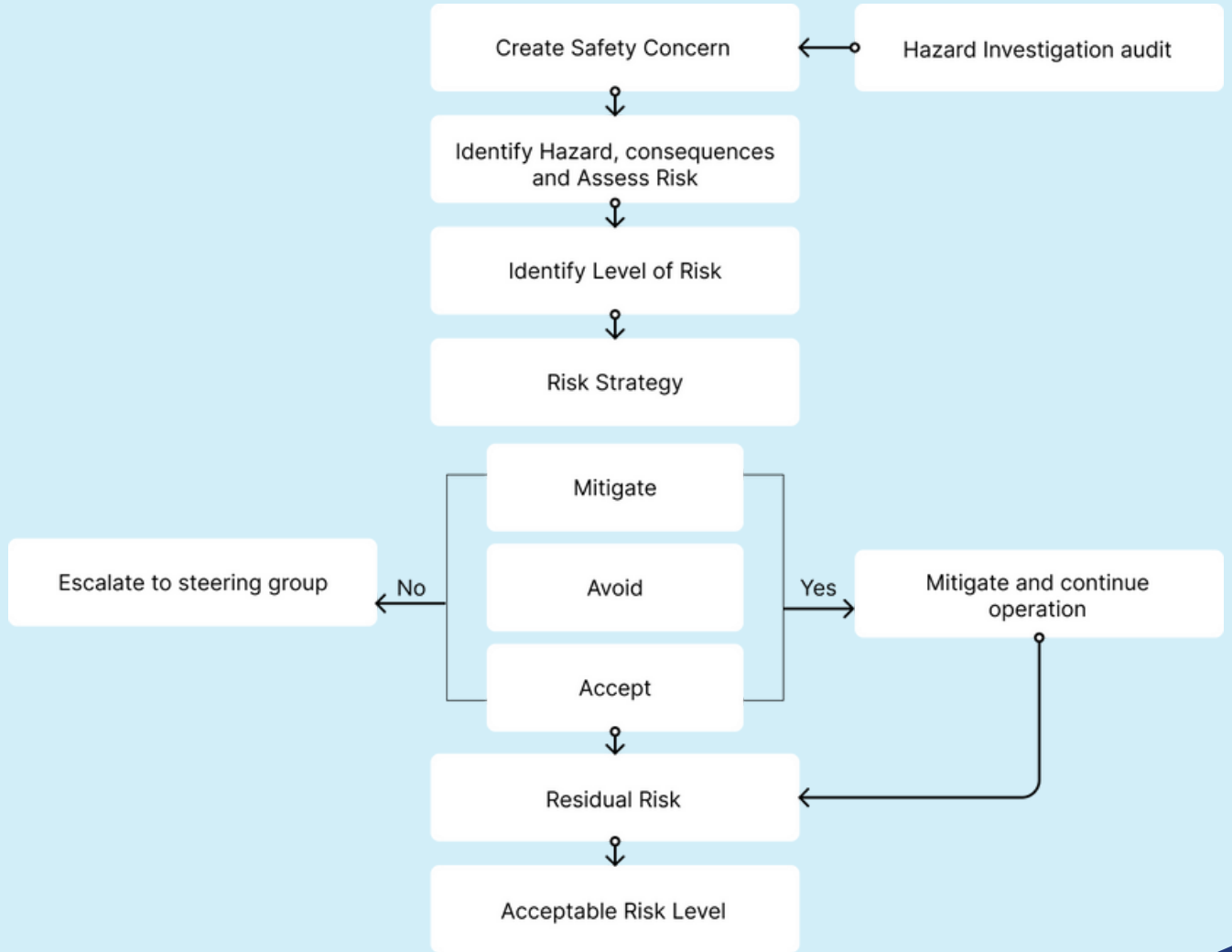
RESPOND TO RISKS IN REAL-TIME

Through continuous monitoring and automation, QMSmart delivers a real-time view of compliance and risk, improves decision making, and increases performance in a cross-functional organization. Only QMSmart can enable to run an organization-wide risk assessment in an integrated environment. QMSmart Risk Management is built based on ICAO 9859 principles and Risk Management tool will enable you to

Risk Management

Detect, and assess the likelihood as well as the business impact of an event based on data aggregated across your extended enterprise, and respond to critical changes in risk posture.

Group Activity Risk Management

This feature will enable Airlines to conduct risk in an integrated manner with an ability for cross functioning

Hazard Management

In the process of Risk Assessment, various departments conduct Hazard identification and this requires numerous man hours to analyze. QMSmart tool will enable users to re-use one existing Hazard for various other Risk Assessments.

Vendor Risk Management

Institute a standardized and transparent process to manage the lifecycle for risks assessments, due diligence, and risk response with business partners and vendors

DOCUMENT MANAGEMENT SYSTEM

UPLOAD, ORGANIZE AND MANAGE DOCUMENTS

A Document Management System or DMS, as the name implies, is a system or software that allows the creation, storage, managing, indexing, protection, and retrieval of digital documents. DMS will help you organize all your files and data in one place, keep track of all your critical documents, speed up your workflow, improve accuracy and provide around-the-clock access to documents from any part of the world.
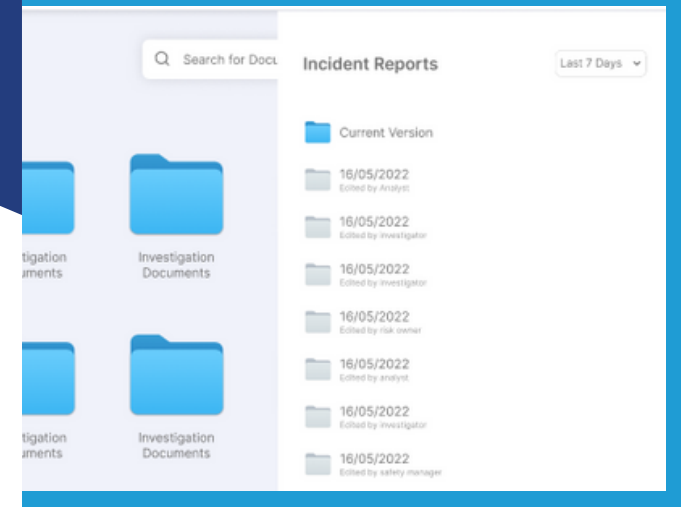
ONE PLACE TO

✔ Manage documents hierarchically
✔ Control user management
✔ See and control version history
✔ Manage Format Consistency
✔ Manage document workflow

Create Folders

Manage User Access

Add Sub-Folders and Files

View and Control Version History

QM
SMART TECHNOLOGIES
QUALITY AND SMART PROCESS

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www.qmsmart.net