



# AvioData

Your cloud based SMS platform



The fundamental mission of the airline is to ensure the safe provision air transport services to the public. By being actively involved in your safety management system, unwelcome surprises can be avoided.

AvioData is a pragmatic online platform that provides an easy solution for the administration and organization of your safety management system.

## About us

In 2010 forces were joined with the aim of the development of an online platform for the implementation and maintenance of the Safety Management System for safety critical companies and more specific for the aviation industry.

With over two decades of experience in the management of safety and quality we were somewhat disappointed to observe very old-fashioned means of administration.

Motivated by this disappointment we did a study on time spent with administrating safety and quality matters. We found that it involved around 25% of the time for a quality manager and around 29% of the time of the safety manager. On top of this the control of airline documentation was such that more than 50% of the time was absorbed by pure administrative processes. Those processes also have a high risk of failing since they often rely on a single person, rather than on a well-defined and monitored process.

The obvious next step was to determine if and how these processes could be improved. The development of a cloud-based platform became our new challenge.

In 2011 we started the development of AvioData. Initially the actions module (electronic CAR form), the event report (ASR reporting form) and the document control modules were developed. Beyond our first trials of the system we developed a multitude of modules which advanced the usability of our system.

By now AviaData is a complete management tool that makes management of your airline much more efficient.

## Actions

Effective organisation of corrective actions is the heart of our system. All corrective actions are entered in this module and will be assigned an owner. The system will alert the owner of the



open corrective actions and monitor the due dates. The owner can log into the system and provide his/her follow-up.

Once he/she submits the corrective action request for closure the compliance monitoring manager is alerted. He/she can log into the system and accept the closure. If required the accountable manager can thereafter also give his/her acceptance.

The status printing function allows easy pdf creation of closure reports. That means that they can be sent to external parties if required. By simply clicking on the full closure function the closure report and all attachments will be sent.



## Minutes

The minutes module is a great tool in the modern work environment. It allows you to manage your minutes. Attaching files onto these minutes will allow all participants to access them. Assigning follow-up to participants effectively brings everyone on the same page. Post-meeting it allows the participants to capture the decisions made in the meeting and helps you to monitor the actions arising from these minutes.



## Legal

Requirements dictate that the airline has to prove compliance with the pertinent aviation regulations. By using our legal module you will be provided with such regulations. By linking the regulations with the section of your ops-manual the compliance checklist can be completed.

Whenever new regulations are published the legal module will be updated.

Additional to the regulations there are the Safety Information Bulletins that must be assessed and complied with when applicable. These bulletins are also included in the legal module.

## Document

Many operators use text editing programs and pdf creation functions to write and maintain their operations manuals. This in fact is using today's technology to simulate the good old art of book printing.

Our document module revolutionises this process. It allows you to prepare your operations manuals in a database structured environment. Simple to use, easy to revise and when coupled with the legal module, kept up to date completely.

Now the best news: by using our library app for the iPad your crew will always have manuals that are up-to-date. They will benefit from the comprehensive search functions that think the same way crewmembers do.

## Task

Managers often work together on projects and need various tasks to be completed by another manager. To allow easy monitoring, the Task module is developed. You can enter a task, assign who needs to execute this task and give him/her a due date. The system will then inform the concerned manager and monitor the progress thereafter.

## Document management

The document management module allows a complete and easy control for document development and distribution. This module is interconnected with various compliance management processes for internal auditing of operations manuals.



This module also allows the management of vendor documents such as AFM's AMP's etc. A real time overview of the status of each document as well as the creation of individual library for crewmembers and other interested parties are the result.

Online and offline publication is possible in the AvioData environment and AvioData APP that can be incorporated in your EFB.



## *Event reports*

Reporting of events is an essential tool for improvement of your operation. The event module allows the reporting of ASR's, MOR's and TOR's, but also allows other reports you desire. One client airline even encourages the crew to use this module to report non-compliance issues observed.

## *Monitoring*

Often issues are to be monitored with due dates in the far future. For this purpose the monitoring module has been developed. This module also allows easy access to postal letters, mail messages which require ownership and follow-up.



## *Notices and MEMO*

This module is build to allow easy creation of notices to the crew (pertaining operational instructions), memo's and instructions to management team members. Distribution of these instructions is initially by e-mail, but the app also allows updated EFB.

## *Management Review*

Your management review has never been so effortless since AvioData. It automatically measures and monitors all key performance indicators.

### *Risk*

Assessment of risk and the (when required) follow-up is managed through the risk module

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