

Small & Captive  
Private Aviation  
Charter Handling

AVINEO

PRO-AV Software

Mobility Platform



# Brief History and Facts



- Founded in India-Europe in the Year 2011, to focus on **digitization of processes** and last mile transformation in the GRC domain Europe, with branch offices/ activity in Norway, Sweden, France (Euro), Mumbai, Pune (India); Middle East (UAE)
- Technology Center in Pune
- Avineo - Vertical Focus in the Aviation sector with this core Digitization framework since 2016 resulting in the Avineo Software Platform

Legacy of over 400 customers in the Nordics (EU), Roll-out over multiple sites in ME / India / USA  
Deep focus on the Aviation sector (Airports / MRO / Private Aviation / Charters)



## Software for Digital Transformation Private Aviation / Charter

- ❗ Configure and address any processes / gaps / chronic pain areas tailored for Aviation Industry
- ❗ Single unified software platform to configure and manage multiple processes efficiently
- ❗ Help eradicate all silos of adhoc applications / Xcel sheet / Google Sheets in a cost effective way

**Avineo initiative** is focussed on.... *Digital transformation of Processes* which are *outside the bounds of conventional ERP or any enterprise software*, to connect these processes through point solutions.



# Private Aviation / Small Airlines / Charter Handling Software Web based with Mobile APP



Administration

Customer / CRM / Commercial

Private Aviation / Charter Quote & Booking

Operations Control Center



Cabin / Crew

| Frequency of Occurrence (or Likelihood) | Consequences (Severity of Accident) |           |           |           |                  |
|---|-------------------------------------|-----------|-----------|-----------|------------------|
|   | Incident (1)                        | Minor (2) | Major (3) | Major (4) | Catastrophic (5) |
| Frequent (5)                            | M                                   | H         | M         | M         | M                |
| Occasional (4)                          | M                                   | M         | M         | M         | M                |
| Seldom (3)                              | L                                   | M         | M         | M         | M                |
| Remote (2)                              | L                                   | M         | M         | M         | M                |
| Unlikely (1)                            | L                                   | L         | M         | M         | M                |

**Safety / Escalations / Notifications**

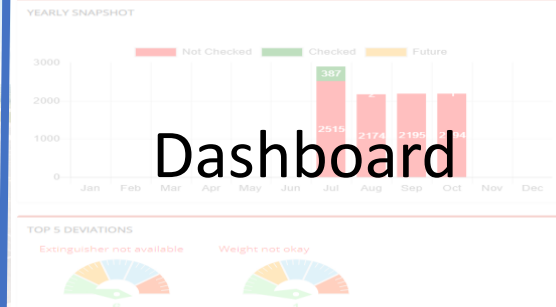
Ground Handling / Services

Flight Dispatch

Engineering / CAMO

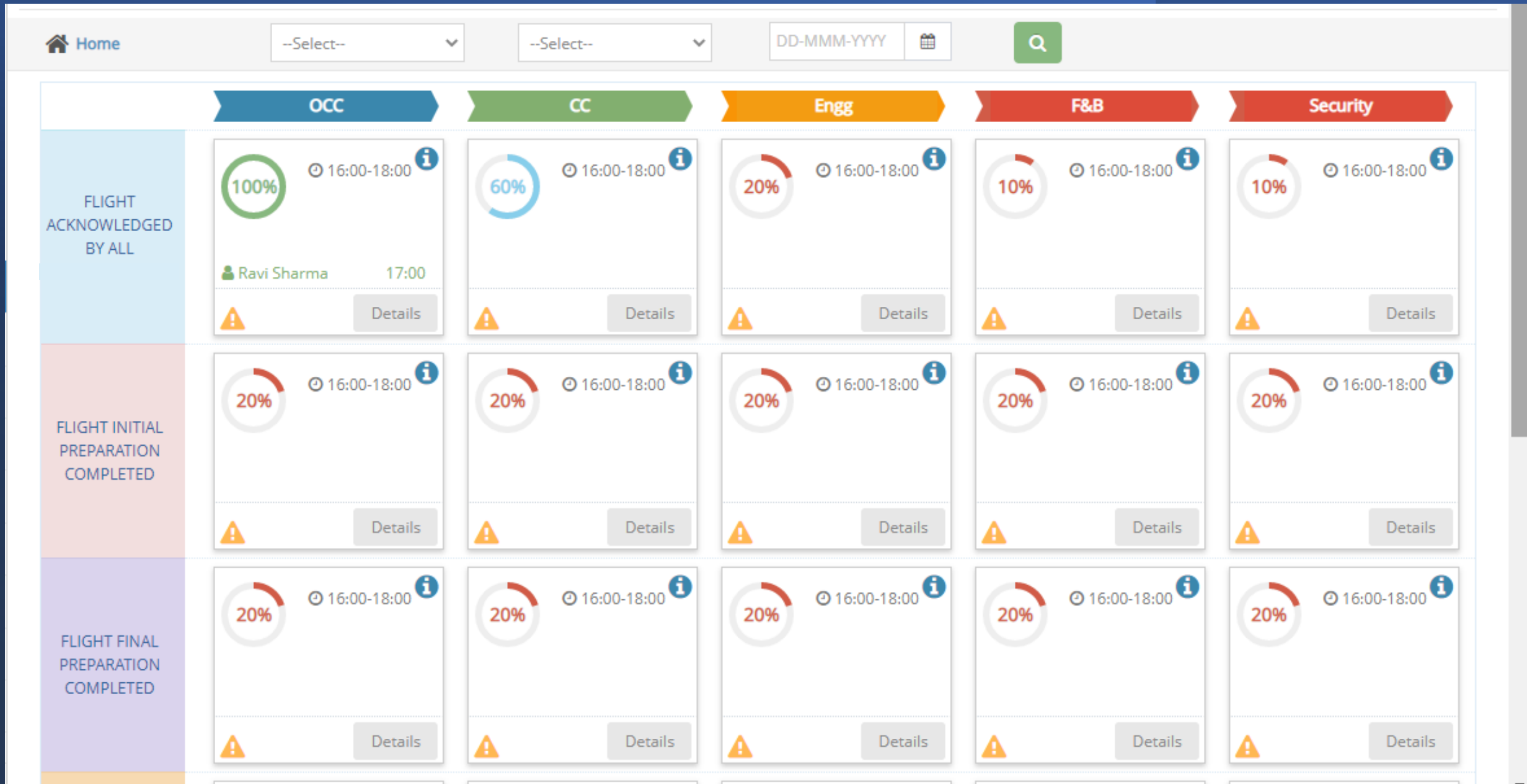
Training / Authorization

Arrivals / Transportation





# Aircraft Readiness –Departure Dashboard



# Jet Handling / Charter Flight Readiness

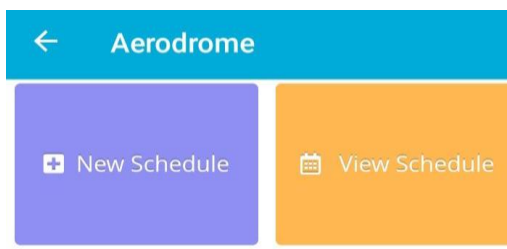
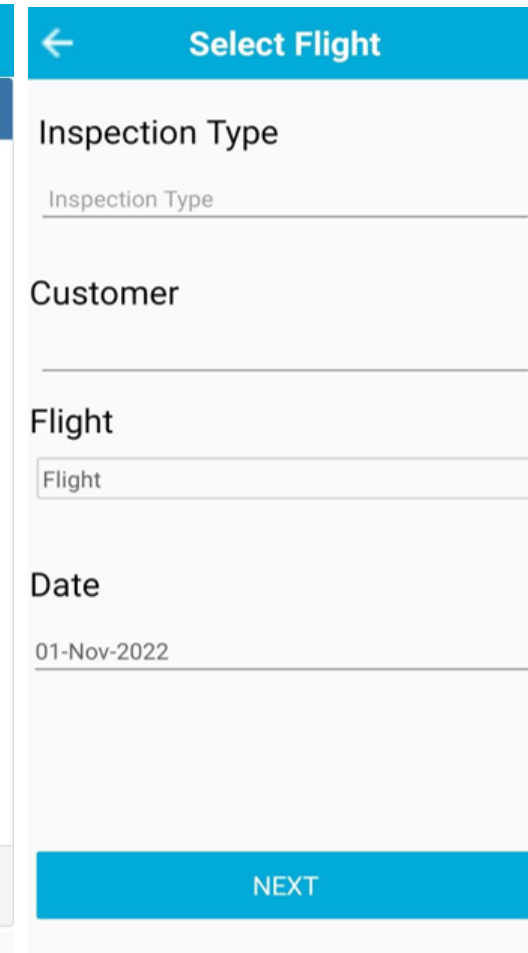
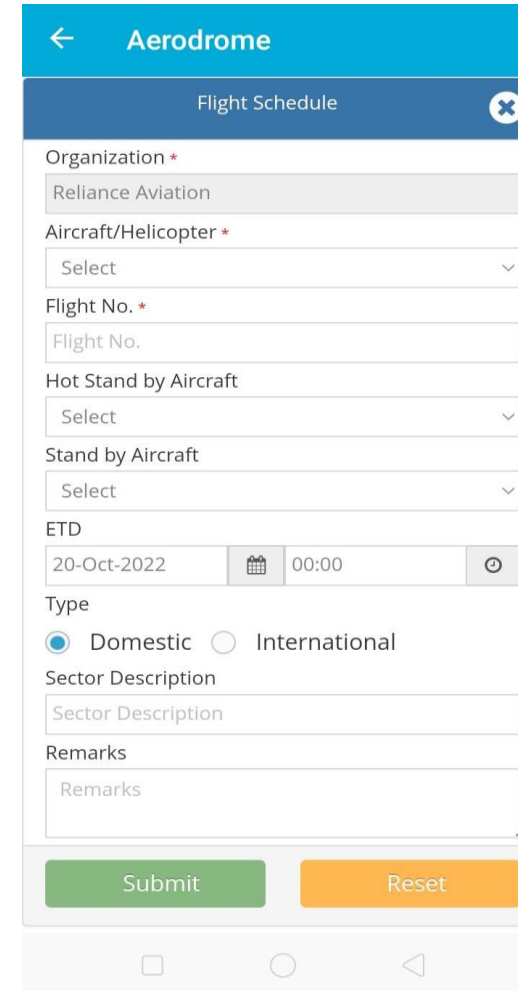
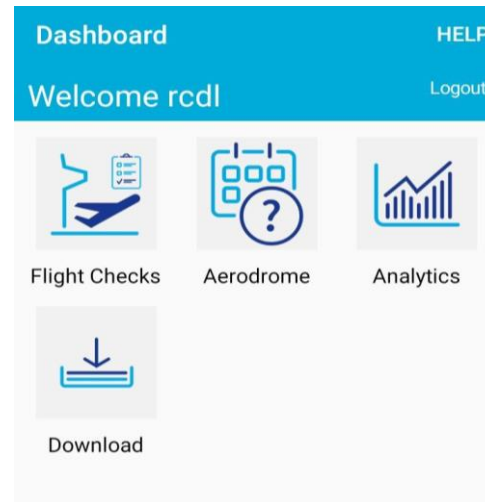
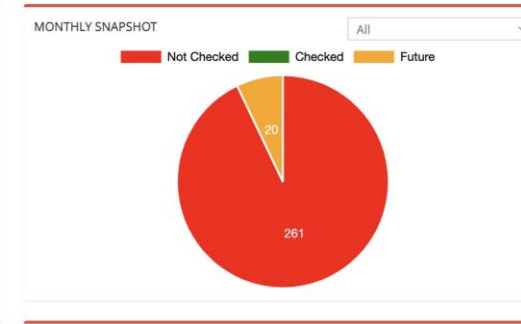
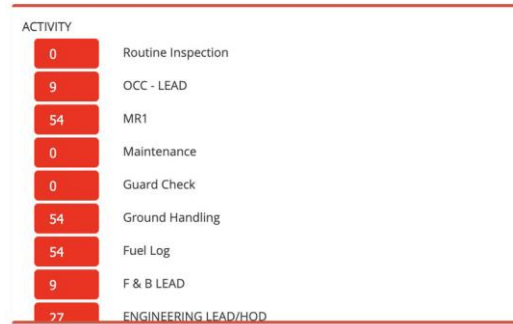
*-Multiple Stakeholders/Agencies*

*-Numerous Activity / Tasks*

- Aircraft Selection (where do you want to go, when do you want to depart and return, how many passengers do you have, what size aircraft are you looking for, how much luggage will you have)
- Aircraft Booking / Scheduling / Itinerary (lists three important details: the tail number of the aircraft, the departure facility, and the departure time)
- Aircraft Services / Aircraft readiness before take-off
- Arrival at Destination / Travel

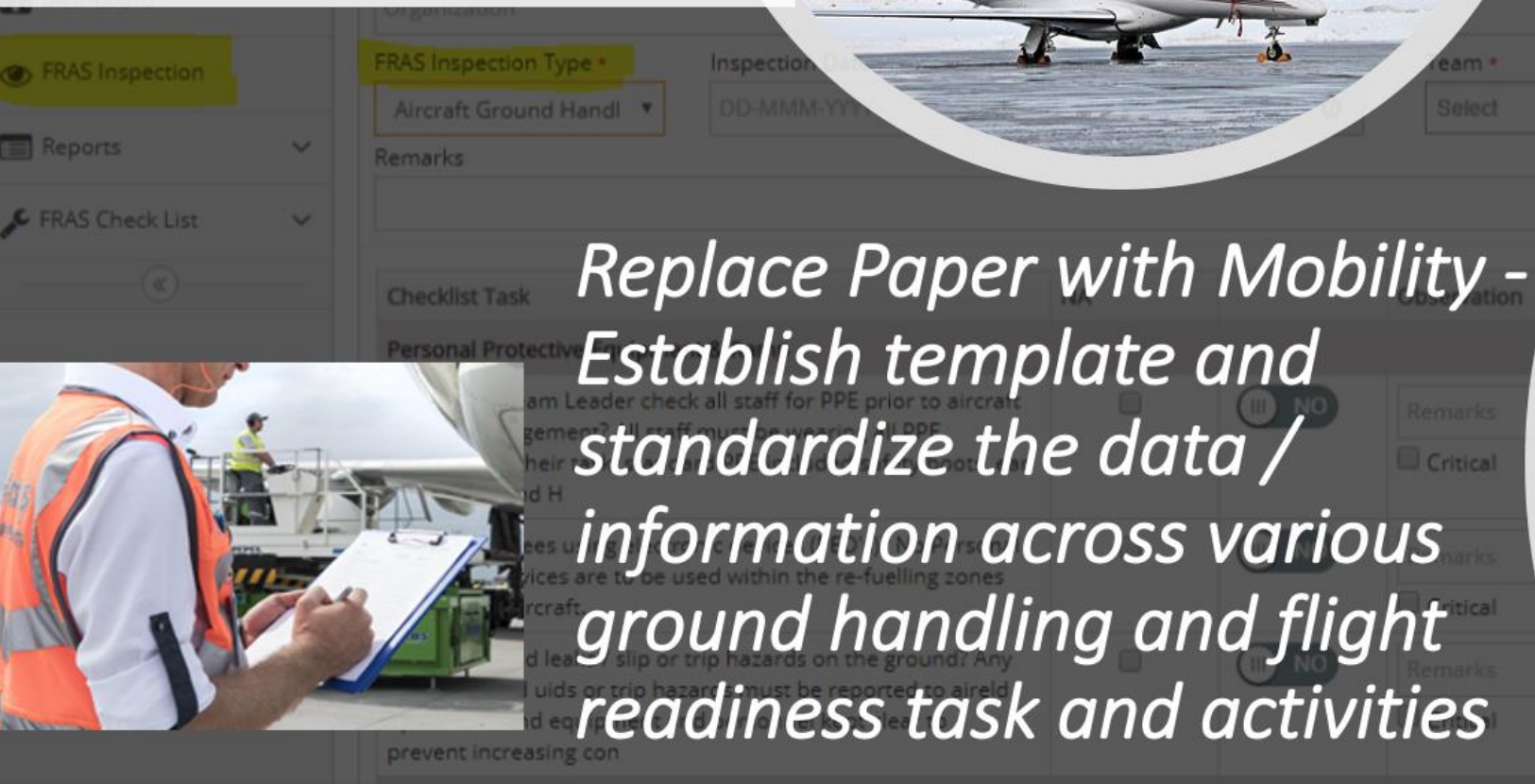


# Full Integrated Web & Mobility - Efficiency / Birds Eye View of Operations

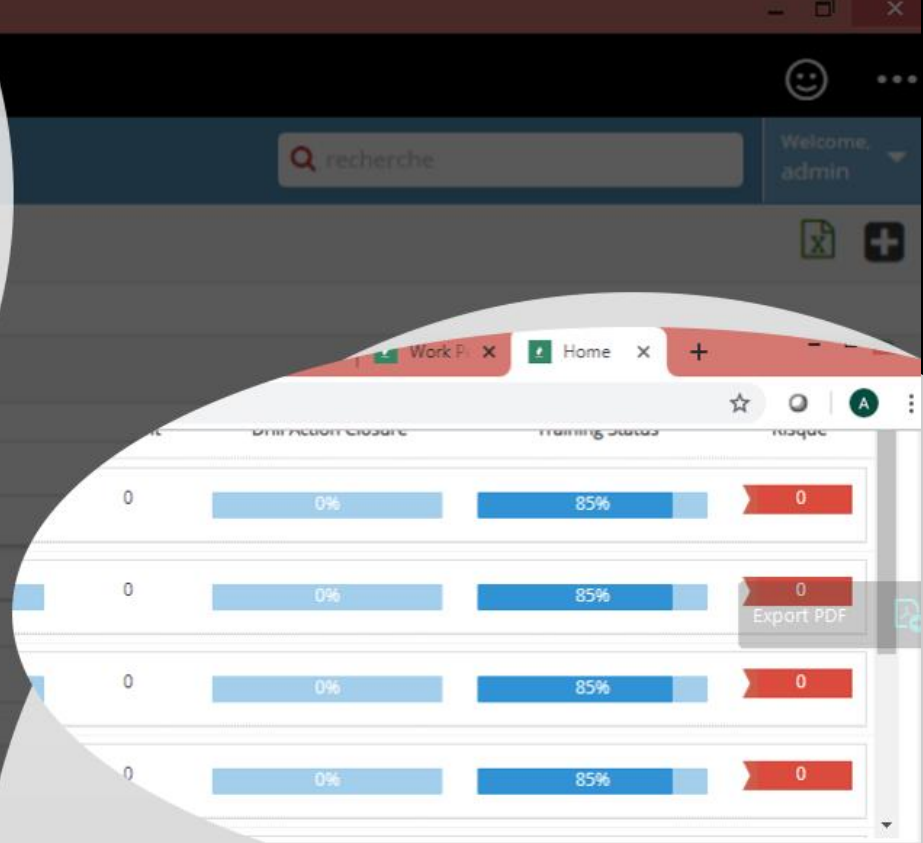


- All stakeholders use a mobile application to view set of tasks to be performed – checklist
- Multiple stakeholders will execute their checklists and a real-time dashboard, metrics would be available to the head
- Historical details across flights
- Analytics and reporting

# Flight Operations/ Readiness / Handling activities



*Replace Paper with Mobility -  
Establish template and  
standardize the data /  
information across various  
ground handling and flight  
readiness task and activities*



Monitoring all activities in  
one single dashboard  
Web based and  
*Cost-effective*  
Mobile APP based  
Solution



# Crew Training, Planning and Administration

- Recording of training related data
  - Setting of training schedule
  - Training enrolment
  - Training attendance
  - Training completion
- Learning outcomes for audit and improvement purposes.
- Provide an in-depth way of utilising all training methods to record which staff are trained and areas for improvement.
- Tracking training non-conformance / non-attendance etc.

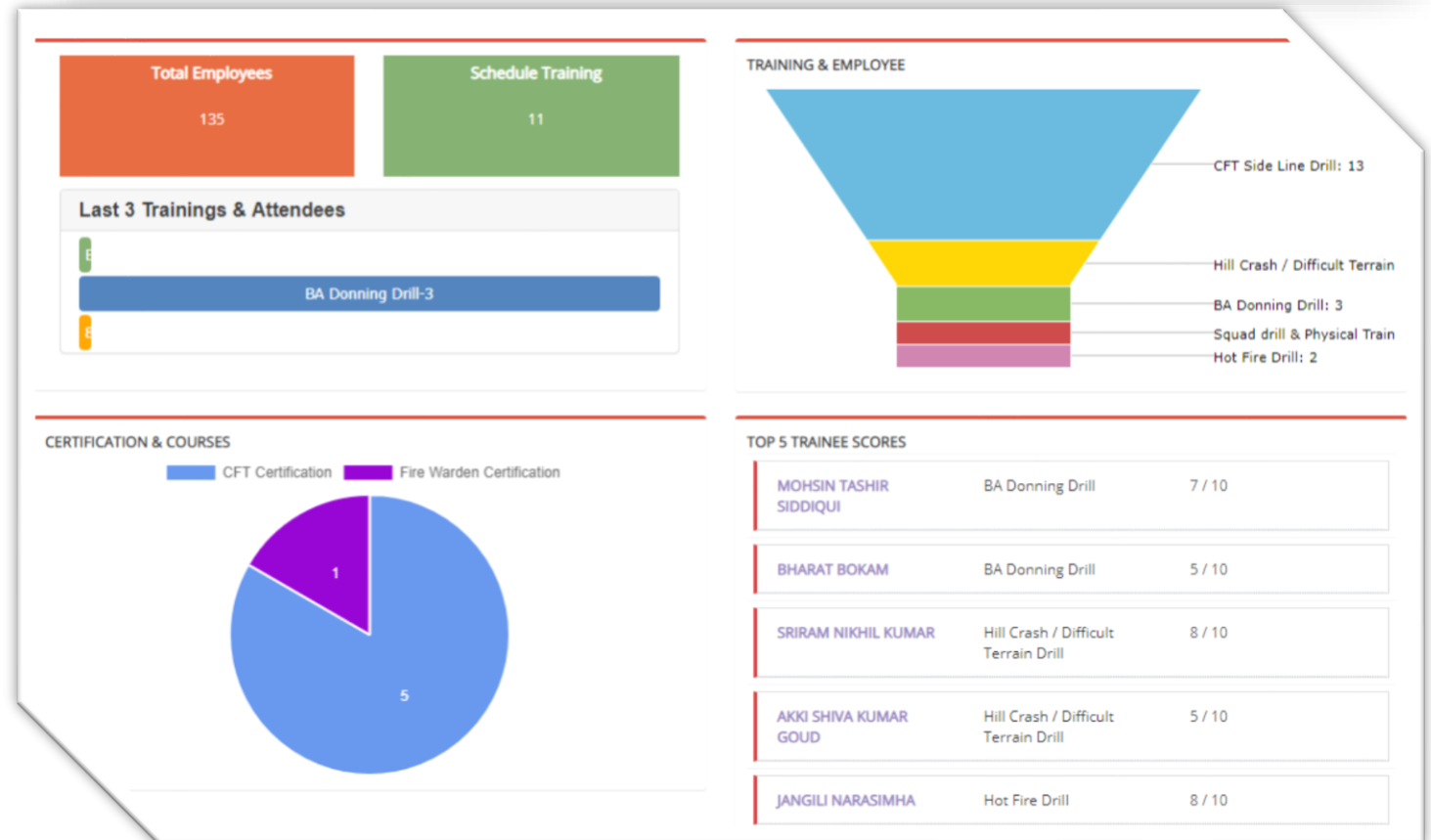
E-ASM












Welcome, Vilas

Dashboard Home

ARFF TRAINING SCHEDULE 2017-18

| SCHEDULE    | Description of Activities        |                              |                                      |                          |                        |                                     |
|-------------|----------------------------------|------------------------------|--------------------------------------|--------------------------|------------------------|-------------------------------------|
| DAILY       | Physical Training                | Foot Drill                   |                                      |                          |                        |                                     |
| WEEKLY      | Air Side                         |                              |                                      |                          |                        |                                     |
| MONTHLY     | CFT Side Line Drill              |                              |                                      |                          |                        |                                     |
| QUARTERLY   | BA Donning Drill                 | Proximity Suit Donning Drill | Ladder Drill                         | Smoke Chamber Drill      | Hot Fire Drill         | Airfield Topography familiarization |
| HALF YEARLY | Airport Building familiarization | First Aid Training           | RT Communication Training            | ARFF Rating              |                        |                                     |
| YEARLY      | 8 KM Radius Familiarization      | ARFF Rating                  | Hill Crash / Difficult Terrain Drill | Aircraft Familiarization | Hazmat Operation Drill |                                     |



|  |   |  |   |   |
|--|---|--|---|---|
| <br>Ground Tech Refresher | <br>Sim Training | <br>IR/LR Check | <br>Route Check    | <br>Dangerous Goods |
| <br>Aviation Security     | <br>CRM          | <br>SEP         | <br>Training Forms | <br>Training Notes  |
| <br>Others                |   |  |   |   |

# Information Management & Document Access Captive Aviation Team

Home   Operations   Training   Flight Safety   Library   Engineering   Useful Links   Admin



🔊 Announcements : NN 24042020 | 🎂 Happy Birthday | 📄 Be Informed!

- ### ✈ Events
- file info reporting
  - Azure Devops started 16062020

- ### 🔄 Whats New
- > test whats new **NEW**
  - > all is well

- ### 📄 Quote of the Day
- > Test
  - > Array Quote

- ### 🏢 Organization
- test jainil
  - Organization array

Home > Operations > Global 7500

- [+ Manuals](#) [+ Add Document](#)

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- [+ Operation Instructions](#) [+ Add Document](#)

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- [+ Circulars](#) [+ Add Document](#)

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- [+ Special Ops](#) [+ Add Document](#)

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- [+ RTOW Domestic](#) [+ Add Document](#)

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- [+ RTOW International](#) [+ Add Document](#)

## Engineering



On Board Aircraft  
Certificates





CAMO



Quality Department

# Library

|  |   |   |   |  |
|--|---|---|---|--|
| <br>Operations Manual -<br>Fixed Wing | <br>Operations Manual -<br>Rotary Wing | <br>Emergency Response<br>Manual | <br>Ground Handling<br>Manuals | <br>CAME            |
| <br>CAPM                              | <br>FSM                                | <br>SMS Manual                   | <br>FSDS Manual                | <br>Security Manual |

|  |   |  |
|--|---|--|
| <br>OEM's | <br>Jeppesen | <br>Smart Cockpit |
|--|---|--|

|   |  |   |
|---|--|---|
| <br>ICAO | <br>AAI | <br>MROs |
|---|--|---|

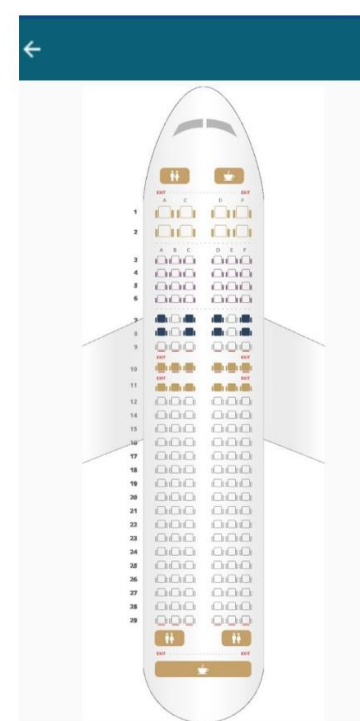


# Health & Safety checks, Hazard reporting with deviation images



## Equipment Checks on the Aircraft

|                          |                                      |                        |                        |  |                   |                                     |                      |  |
|--------------------------|--------------------------------------|------------------------|------------------------|--|-------------------|-------------------------------------|----------------------|--|
| <input type="checkbox"/> | Departmental Manual is not okay      | Duty Officer Room FS-2 | Duty Officer Room FS-2 | DOR - FS2   DO Room - FS 2   IGIA-A-00023975         | 07-Sep-2020 19:37 | <input type="button" value="Open"/> | N/A                  |  |
| <input type="checkbox"/> | Registration Plate Light is not okay | CNG Pick-up            | CNG Pick-up            | CNG Pick - Up   CNG - DL 1L T 3210   IGIA-A-00023970 | 07-Sep-2020 19:35 | <input type="button" value="Open"/> | Reg. plate light U/S |  |
| <input type="checkbox"/> | Brake Light is not okay              | CNG Pick-up            | CNG Pick-up            | CNG Pick - Up   CNG - DL 1L T 3210   IGIA-A-00023970 | 07-Sep-2020 19:35 | <input type="button" value="Open"/> | Brake light U/S      |  |
| <input type="checkbox"/> | Departmental Manual is not okay      | Duty Officer Room FS-2 | Duty Officer Room FS-2 | DOR - FS2   DO Room - FS 2   IGIA-A-00023975         | 06-Sep-2020 07:44 | <input type="button" value="Open"/> | N/A                  |  |
| <input type="checkbox"/> | DCP Hose With Ponder                 | CFT 2                  | CFT 2 (6X6)            | CFT 2 (6X6)   CFT - 2                                | 05-Sep-2020 10:56 | <input type="button" value="Open"/> | RHS ponder           |  |



← Home

VT-ITA ■

Unchecked Objects:10

**Life Vest | 1B**  
 Nov-20-2021 12:00 AM to Nov-21-2021 12:00 AM | UK-A-00027405

**1B**  
**Extinguisher | Ext1**  
 Nov-20-2021 12:00 AM to Nov-21-2021 12:00 AM | UK-A-00027406

Exit 1  
**Extinguisher | Ext2**  
 Nov-20-2021 12:00 AM to Nov-21-2021 12:00 AM | UK-A-00027407

Exit 2  
**Medical Kit | Med1**  
 Nov-20-2021 12:00 AM to Nov-21-2021 12:00 AM | UK-A-00027408

← Task

UK-India -> VT-ITA  
 Medical Kit | Med1  
 Nov-20-2021 12:00 AM to Nov-21-2021 12:00 AM | UK-A-00027408

Medical Kit

**Object Image**

\* Seal (Intact / broken)  NA

String

Gauze Swab - Status  NA

\* Gauze Swab - Expiry  NA

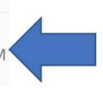
String

Cotton Roll - Status  NA

NA

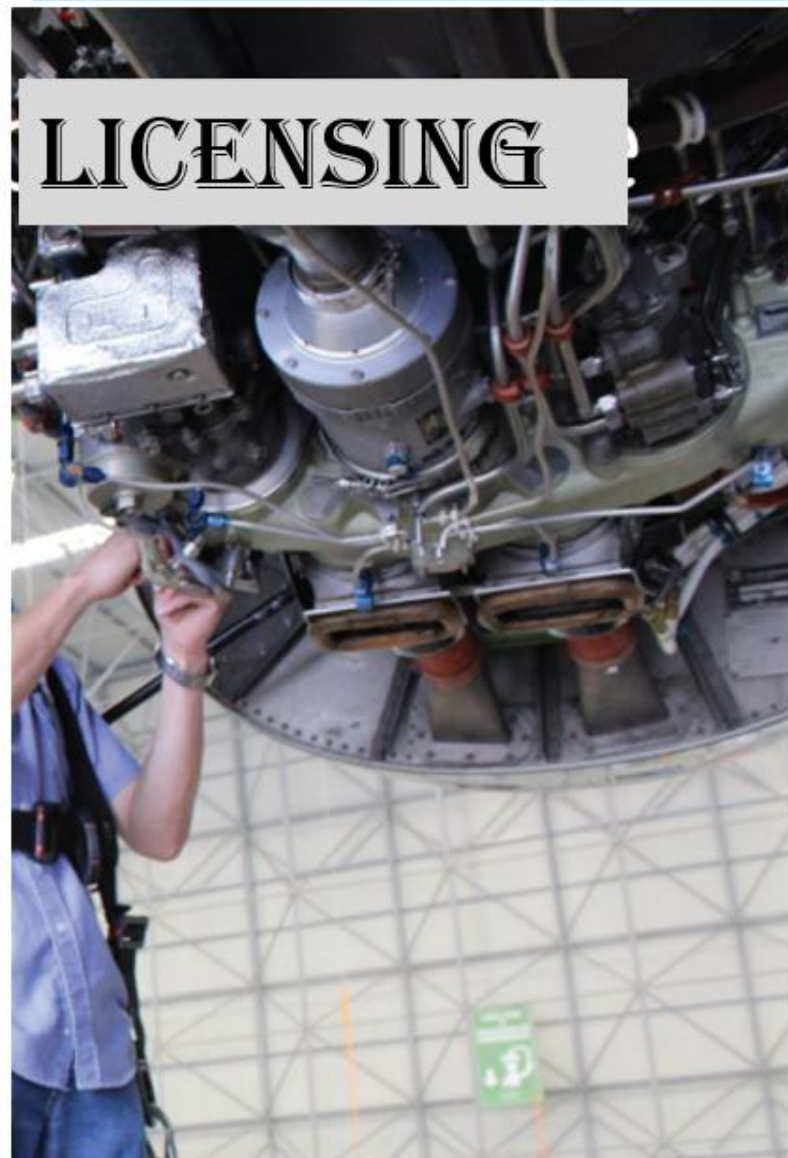
SUBMIT & CHECK

NEXT



# Licensing and Authorization Approval and Management

## Digital Solution for Licensing Authorization



Aircraft maintenance is a controlled sector and needs a lot of compliances and permission. Every country has different regulators; hence it is required that the maintenance personnel have the required qualification to perform their job.

There are two aspects, licensing and authorization; Licensing is provided by the regulator and authorization is provided by airlines. Authorization is not just the authority to carry out the inspection and required maintenance for aircraft based on the license that is under the purview of the maintenance company.

**Avineo digital solution** manages the complete processes for licensing authorization application and approval process, reducing manual work, overheads, and related errors. The solution provides required reports, alerts to the concerned authorities.



# Stores & Inventory - Very specific “Store” concept for inventory management at station / sites



Stores and Inventory provides solution to stock control and inventory management. From stock levels, orders, and requests to purchasing, parts and warehouse management at every location.

**Avineo Store** empowers organizations by enabling them to make informed, data-driven decisions based on real-time information and forecasts. Accurate inventory management is imperative to the efficient and safe running of any aviation operations

Avineo digital solution manage the complete processes for inventory and simplify the complexity of aviation stock management in the cloud solution that streamlines and digitizes every aspect of managing inventory.

# Mobility, IoT, RFID and Digitization

+

## Safety



## IoT, RFID & Digitization



## Line Maintenance

A screenshot of the Convenio software interface for line maintenance. It shows a technician in an orange vest looking at a tablet. The interface includes a sidebar with navigation icons and a main panel with a checklist form.

**AirCHECK – Mobility solution for Smart Phones, Tablets to keep the field force well connected, engaged and productive and get rid of the manual paper based checklist**

| General                   |                  |
|---------------------------|------------------|
| Location                  | STANBUL          |
| AME Name                  | STANBUL          |
| Technician Name           | STANBUL          |
| Aircraft Type             | STANBUL          |
| Airline                   | STANBUL          |
| Flight number             | STANBUL          |
| Aircraft Registration     | STANBUL          |
| Type of inspection        | STANBUL          |
| Date in per local time    | 14/11/2014       |
| Technical Log page number | STANBUL          |
| Checks on in local time   | 14/11/2014 10:14 |

## Various Services



Thank you

