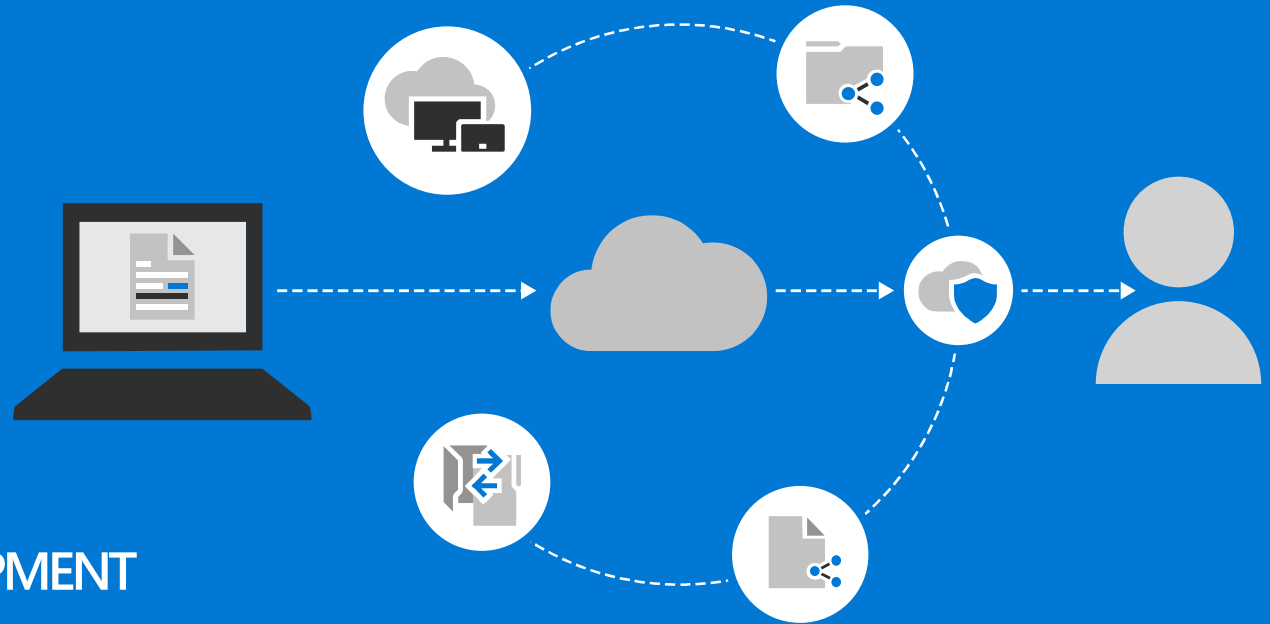


# O-MAF

RICHARD GO  
MSSA SD7

CLOUD APPLICATION DEVELOPMENT



## Submit your Maintenance Action Forms Online (O-MAF)

### Initiate online

Write discrepancies online even if you are away.



### Share with Maintenance Control

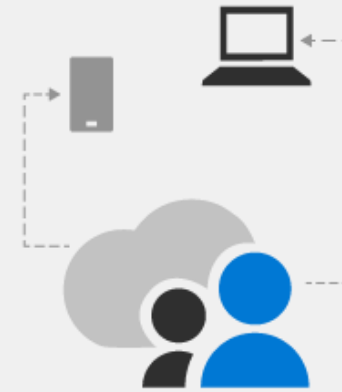
Controllers will have access to your MAFs 24/7.

# Agenda

- 1 Situation
- 2 Solution
- 3 Feature
- 4 Process
- 5 Step by Step Workflow
- 6 Conclusion



# 1 Situation

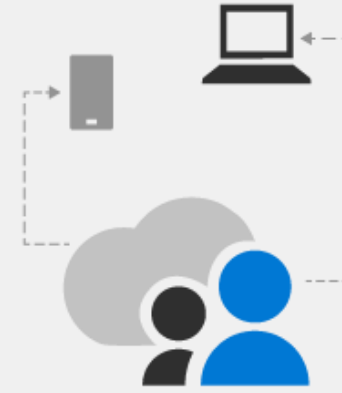


OOMA  
O-MAF  
Green MAF

- Online Maintenance Action Form (O-MAF) for aviation maintenance.
- Issues in the aviation field
  - Computer-based software
  - Optimized Organizational Maintenance Activity (OOMA)
- The problem is whenever the system is down, we are forced to use a paper copy of all our MAF.
- There are just too many things to update while the maintenance actions are open and being worked on.
  - Ordering parts
  - Personnel going In-Work
  - Completing the job
- After the system comes back online, we have to contingency all the Green MAF and type all the open and closed MAFs to OOMA.
- These processes are too time consuming for the workers and for the controllers.



## 2 Solution

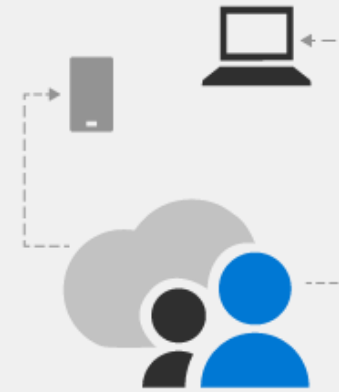


OOMA  
O-MAF  
Green MAF

- Create an online MAF system (Sharepoint)
  - Mimic the functions of OOMA. Light version.
  - Eliminate time wasted on the following process:
    - Writing MAF on paper form (Green MAF)
    - Managing Green MAFs (Job Status)
      - M3 – Awaiting Maintenance
      - IW – In Work
      - WP – Awaiting Parts
      - JC – Job Complete
        - Updating real time status of maintenance by manually writing on the Green MAF
    - Ordering parts on Green MAF or Hard Copies



## 3 Features

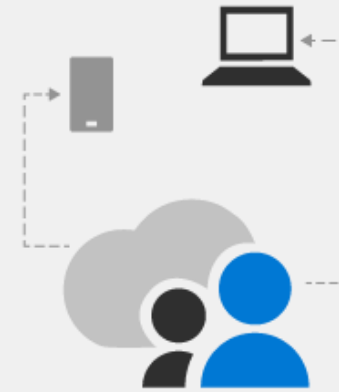


OOMA  
O-MAF  
Green MAF

- Initiate maintenance
- Order parts
- In Work
- In Process
- Update Job Status – must be filtered for management (M3, IW, WP, JC)
- Complete maintenance
  - PN/SN removed/installed
  - Completed time
- Sign authority
  - Initiator
  - Worker
  - CDI always required
  - QA if required
  - MC always required
  - MDS always required



## 4 Process



OOMA  
O-MAF  
Green MAF

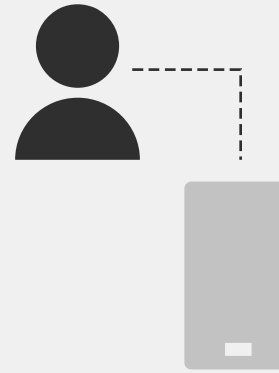
- Daily back up copies of the data.
  - CSV file downloaded from OOMA
  - After every shift
- Input
  - Purged data on O-MAF
  - Upload data to O-MAF
- Sorting/Filtering
  - Sort OPEN MAF by JCN column
  - Sort OPEN MAF by MCN column
  - Sort OPEN MAF by Shop
  - Sort OPEN MAF by Aircraft
  - Filter Job Status column
- Complete and Close MAF.
  - Authorized signer by qualifications



- [illegible]





## 5 Step by Step Workflow



OOMA  
O-MAF  
Green MAF

- 1** Initiate MAF
- 2** MAF gets approved
- 3** Go InWork on the job. Your progress will be monitored by Maintenance Control.
- 4** Order Parts if needed
- 5** Wait for parts
- 6** Go back InWork
- 7** Put in your InProcess
- 8** Complete the Job
- 9** Sign Off the MAF
- 10** MC approves the MAF
- 11** Contingency MAF
- 12** Admin verify the MAF

 Must complete tasks

 Optional Process

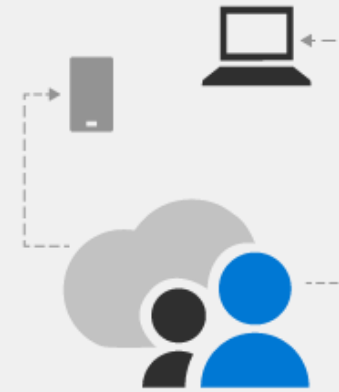


## 6 Conclusion

- Using O-MAF will enable the controllers to effectively manage all MAFs and set priorities. Efficiency will be increased by 67% based on previous studies done by Certified Lean Six Sigma Green Belt.
- Future concept will enable controllers to automatically upload all data from O-MAF to OOMA if permitted by the Navy system administrators.

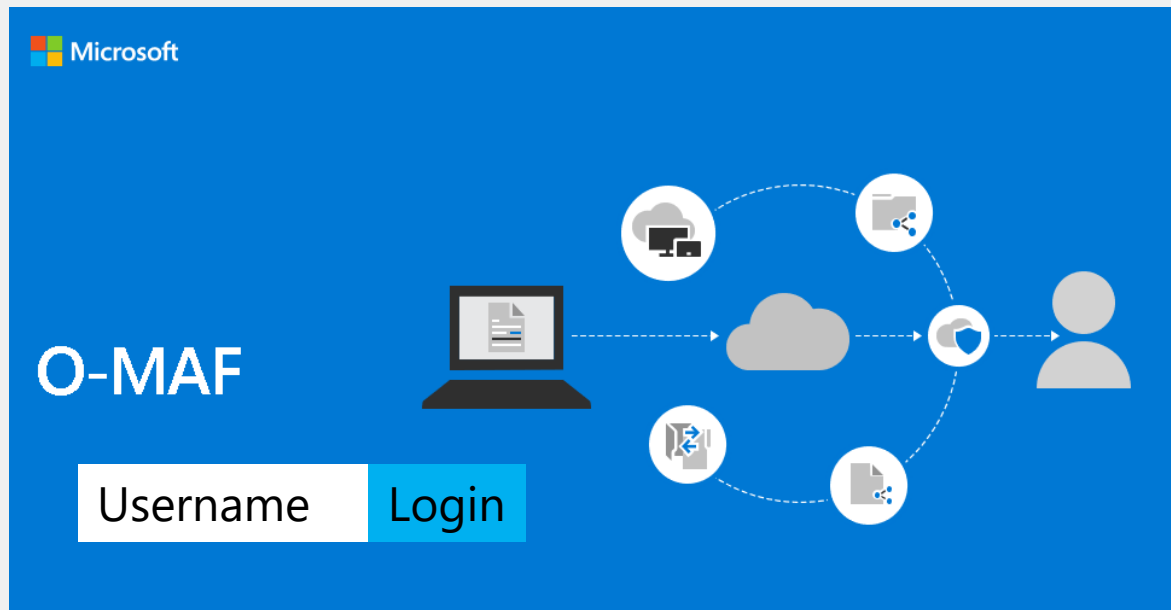


# Work in Office/ Online in your browser



OOMA  
O-MAF  
Green MAF

- 1 Sign in to [www.o-maf.com](http://www.o-maf.com)
- 2 Initiate, order parts, and sign off MAFs online.  
Monitored 24/7 by your Maintenance Controller.



## QUESTIONS?

# Modify This

- Change data to ensure we are keeping security issues.
  - Buno. Maybe just use the Modex.
  - Up Down Status. Use codes.