

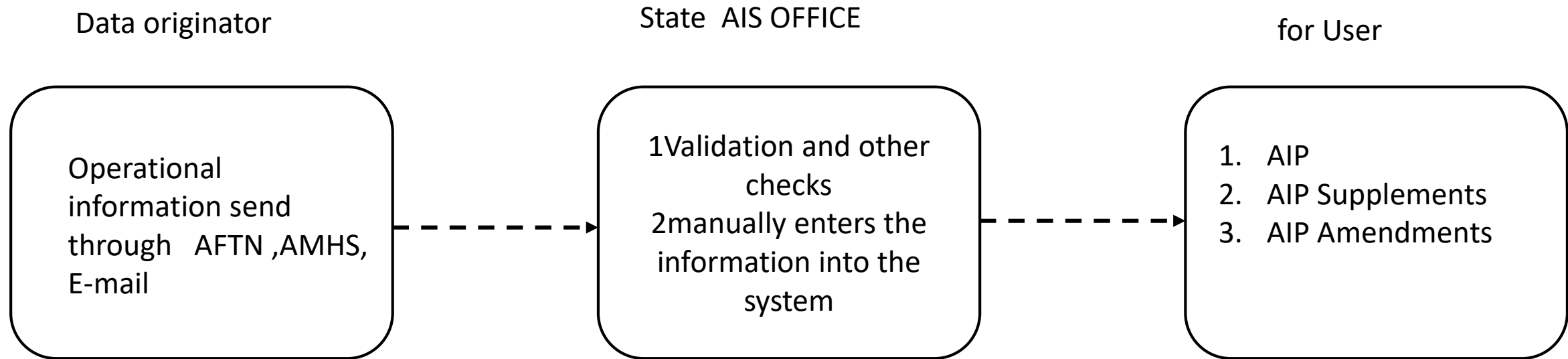
# Use Case :Transition from AFTN based AIS to SWIM based AIM

Group 1

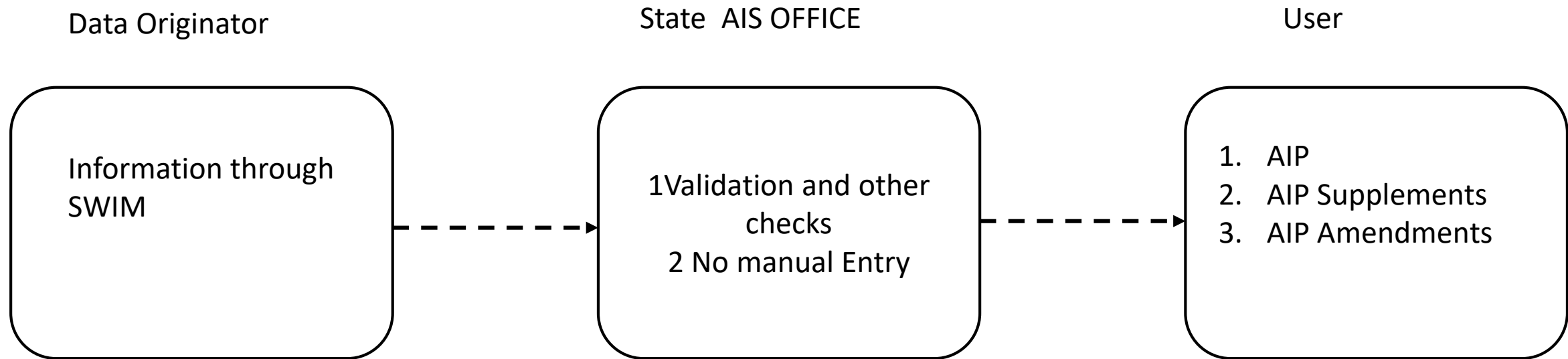
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# Present AIS System



# Future SWIM Based AIM System



# Comparison

## AFTN based AIS

1. Size limitation
2. No real time exchange of information
3. Repetitive manual entry for the information
4. Time consuming
5. Possibilities for error
6. Less efficient

## SWIM based AIS

1. No size limitation
2. Real time exchange of information with better situational awareness and decision making
3. No repetitive entry
4. Less time consuming
5. Less or no chance for error
6. more efficient

# Possible Applications & Benefits

- EFB/ Pilot Briefing
  - All information in one Place
  - Expanded availability of information
  - Earlier personalization of EFB
- Enhanced automated FPL
  - Automated validation against known constraints
  - Less human error & higher quality of data
- Digital NOTAM/NOTAM validation
  - Easy prioritization of NOTAM by route & relevance
  - Enhanced distribution of NOTAM
  - Graphical representation of NOTAM

Q&A

Thank you