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## Single Maintenance Database (SMD)

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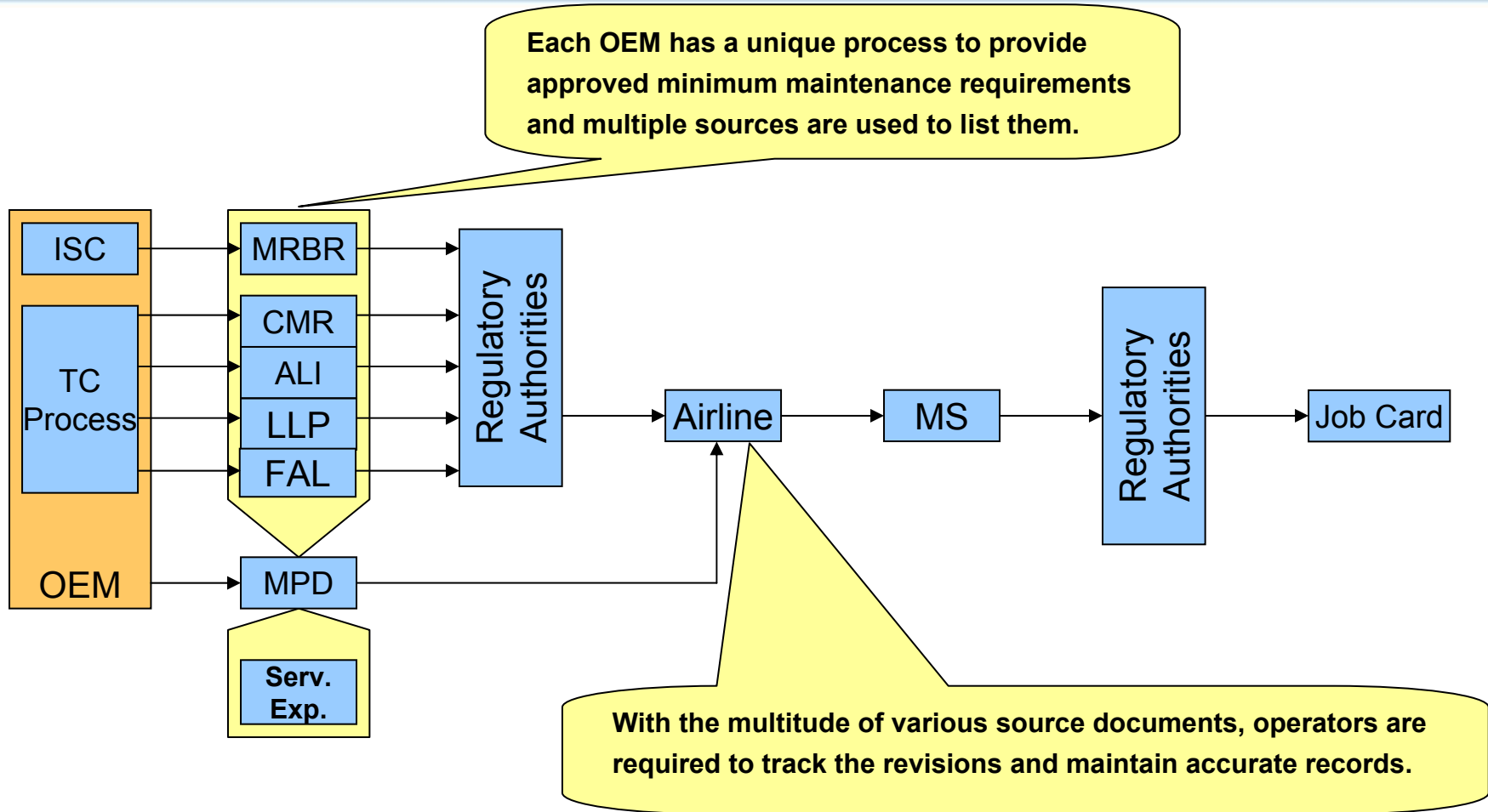
IMRBPB, April 21-25, 2008  
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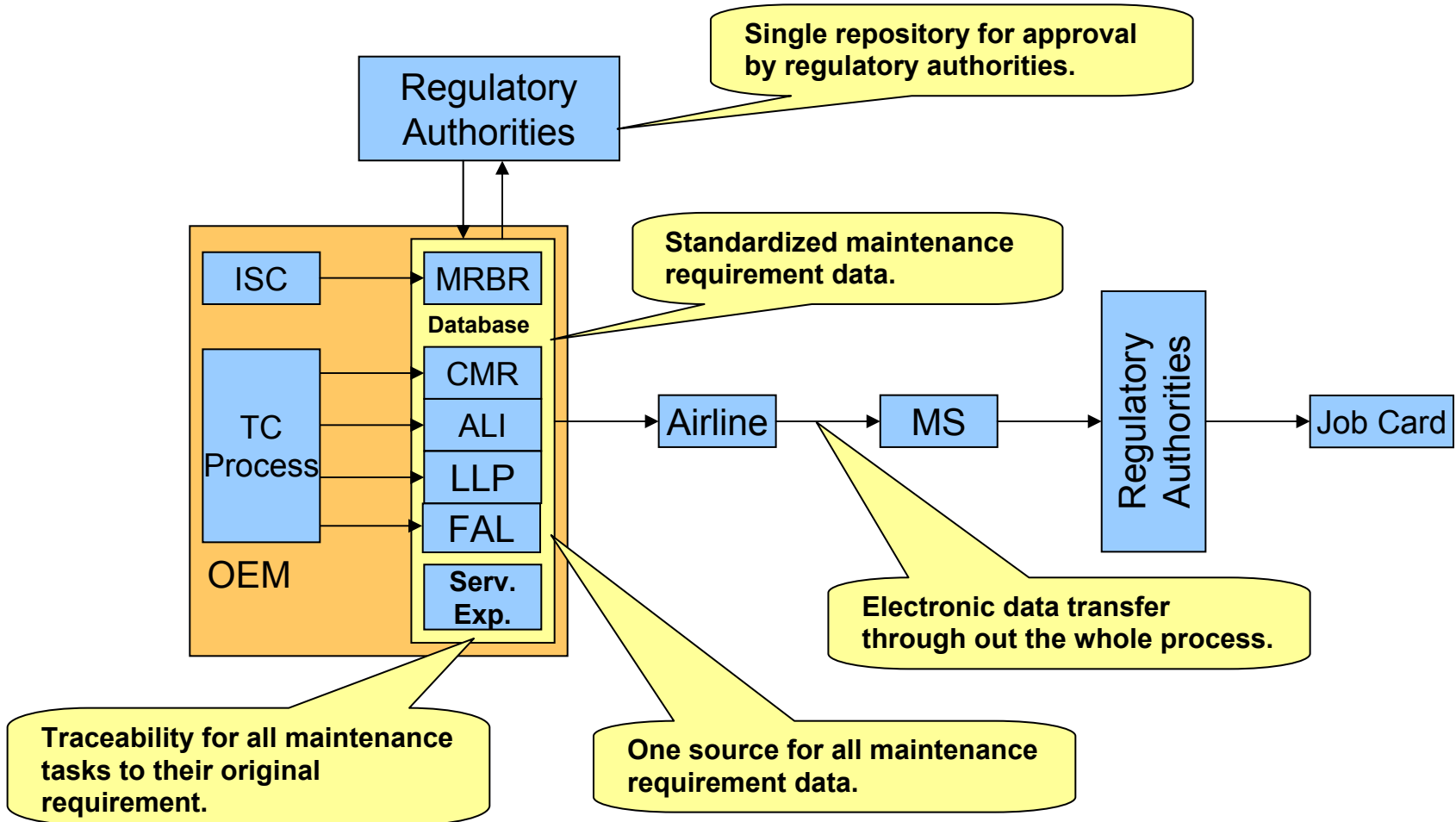
## Introduction

- **The concept of a Single Maintenance Database (SMD) has been around for at least 15 years**
- **The technology has since improved and the need grown with the size and complexity of today's maintenance programs**
- **The subject was re-introduced as an Issue Paper at the January 2008 MPIG meeting in Memphis**
- **It was agreed that this IP should be submitted to the IMRBPB to request IMRBPB support for the concept as well as guidance for moving the issue forward.**
- **There will be an improvement in the speed and convenience of approval with digital signature and a single database**
- **There will be major cost savings with OEMs and airlines with a single database**
- **The current system of multiple documents being issued out of phase and requiring lengthy approval processes is a safety issue**

# Today's Process Flow



# Future Process Flow





## IATA Committee Plan

- **Working with OEM's, authorities and airlines:**
- **Determine what work is currently underway to define a format for an SMD**
- **Define a format**
- **Define how the database will be revised and how often**
- **Determine how the information will be distributed to the users**
- **Populate a draft SMD by linking data from relevant sources (e.g. MSG3, CMR, ALI, AMM, GSE, NDT, IPC, Job Cards, etc.).**
- **Come back to the IMRBPB with a draft SMD with an approval and revision process**

## Conclusion

- **The IATA committee is looking for IMRBPB support to follow the above plan.**
- **The committee would like feedback that this concept is something the IMRBPB would likely approve in the next 2 to 3 years.**
- **Provided the concept is agreed, the committee would like the IMRBPB support in order to get acceptance from the Certification office.**