# BLOCKCHAIN BUSINESS VALUE

## A SPARK LABS - IBM RESEARCH CROSS INDUSTRY APPROACH

// BLOCKCHAIN BUSINESS VALUE

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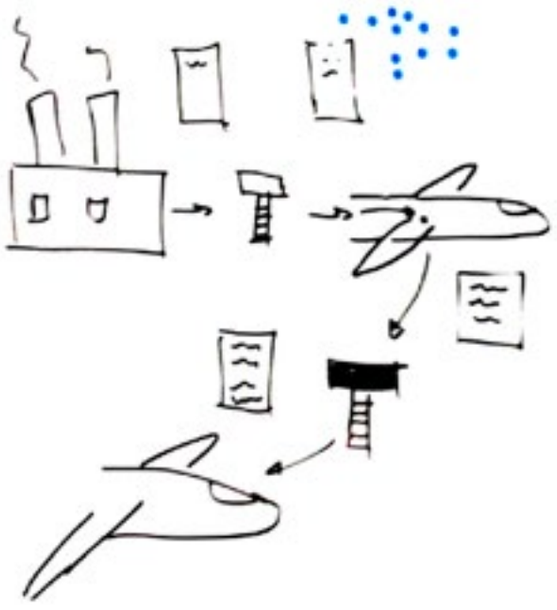
# BLOCKCHAIN USE CASE | AVIATION

## EXPLANATION

The need to know about the history / log of each part of an airplane.

## SKETCH



### WHO?
(partner network)

- Manufactures of parts
- Airplane manufacturer
- Service repairer / provider
- Airplane owner / airline
- Certification authorities

### WHAT
(asset transaction)

- Airplane parts
- Maintenance logs
- Operational logs
- Certification documents

### HOW OFTEN?
(frequency)

- Hourly
- Daily

### HOW TRANSPARENT?
(accountability)

- Essential
- Expect all maintenance logs (due to competitors)

# // BLOCKCHAIN | AVIATION PROCESS MAP

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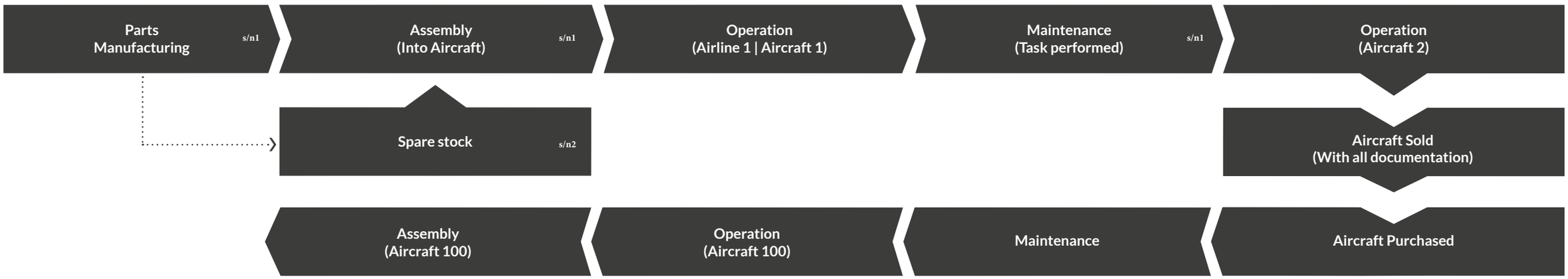
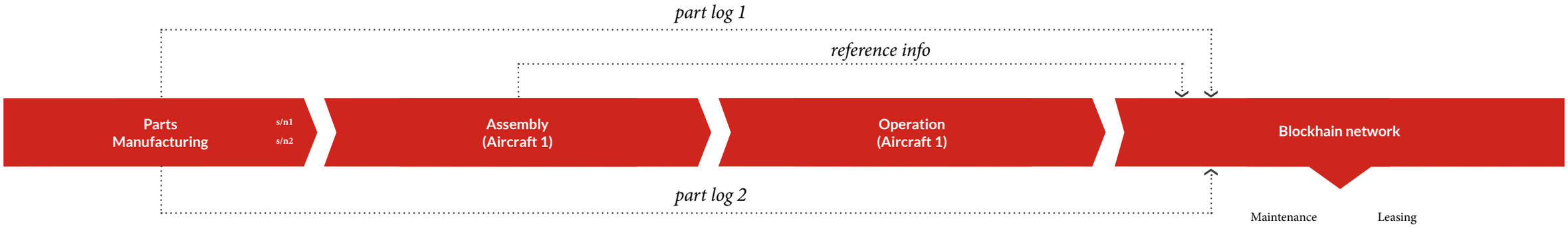
## AS IS




## AS IT COULD BE WITH THE HELP OF BLOCKCHAIN TECHNOLOGY




### Advantages

- Real-time view of Air-readiness
- Reduced record keeping
- Trusted sales records

s/n = spare part

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Tell us about your challenges and goals and we will work together to tailor the perfect solution.


Spark Labs

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