

## Electronic Crew Bag (ECB)

Development of a computer assisted system to enhance performance of air companies processes

ECB has the potential to be the platform for a set of Technologies that will directly benefit Flight Crews in terms of usefulness and productivity.

Reducing the time spent filling up forms and looking for information by providing a single, integrated solution for the main crew processes.

Boosting productivity and reducing costs by allowing taking decisions with more precise information.

### Key aspects of our approach:

Most of the airlines that are involved on similar initiatives are using only chart viewer functionalities (weight savings).

ECB goes further beyond by covering most common cabin processes with NO avionic interaction.

Direct communication of ECB device with Airline headquarters allowing frequent update of ECB data.

### Real flights and Potential Savings for a medium size company

Pildo Labs ECB has been successfully tested on real flight conditions on a 25 single aisle airline company, showing up very relevant savings on fuel burn due to updated information and to weight reduction.

Other relevant costs savings identified come from ACCARS messages reduction and elimination of redundant data introduction on legacy systems.



- Paper Based Processes
- Disconnected information sources
- Inproductive delays
- Low profile IT in HiTech sector
- Doubled processes
- Data duplicity and consistency
- Efficiency
- Synchronisation and Speed
- Reliability
- Data integrity and availability
- Security
- COST SAVINGS

### Supported functionality (Captain & first officer functionality)

Log-In and user list of flights

Loadsheet and Weight & Balance calculation

Flight report

Flight Plan viewer

Chart and Manual viewer

### Infobox

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