Air-Cargo Handling

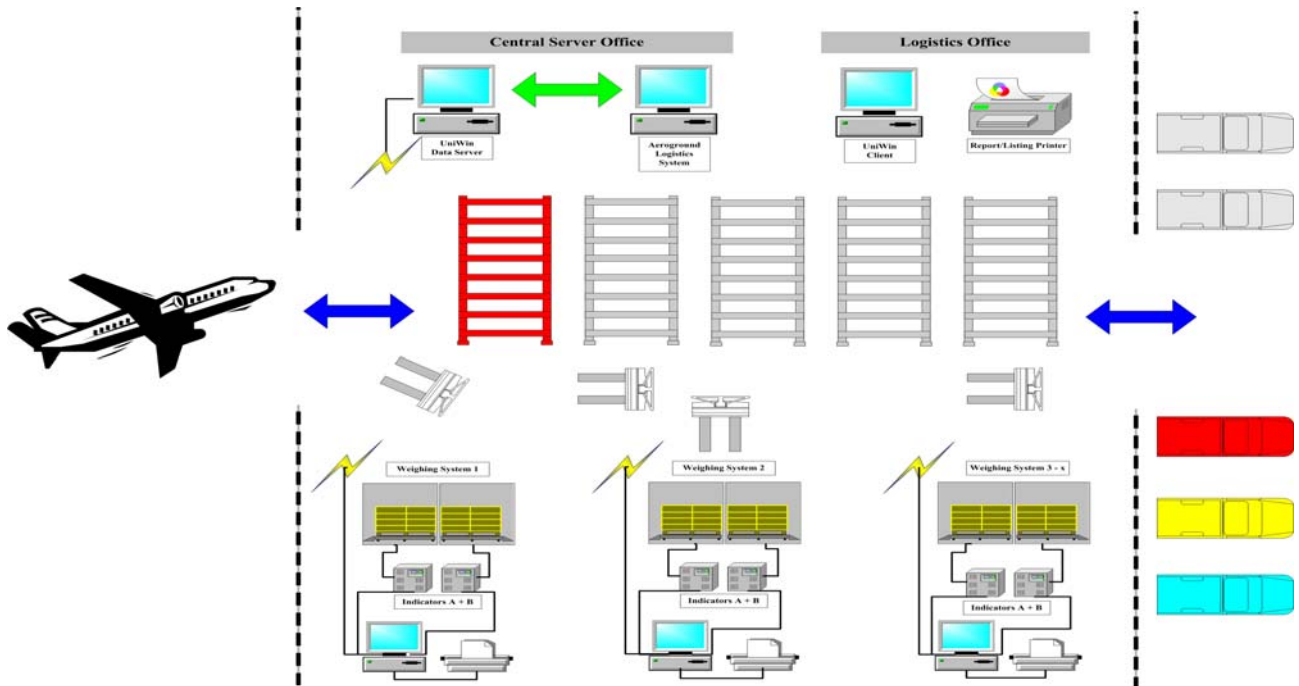This documentation describes a project at *Aeroground Services at Schiphol Airport.*

UniWin is used to manage all logistic activities, which involve:

- Weighing of all outgoing pallets.
- Printing of pallet labels.
- Creating clear reports, which are used to optimize the loading of airplanes.

At the backside of this document, you will find an extensive description of this project.

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Description:

The image as shown above, provides a clear view of the general process.

- Aeroground has 8 weighstations, which are connected to UniWin via a wire-less connection.
- UniWin is used as the weights and measures approved link between the weighstations and the central system.

UniWin provides the following functionalities:

- All pallets are weighed, using a so-called "Verbund-Weighsystem".
- Using two small palletscales, a third big palletscale is created.
- This allows for all sorts and sizes to be handled.
- The weight is taken, only after the operator has entered all important details.
- These details are ID, destination FLIGHT No. and date/time.

Other functionalities of importance for Aeroground:

- Creation of reports and statistics.
- Correct data-exchange with the logistics system.