

## Resource Management System

### Simplified graphic management of airport resources

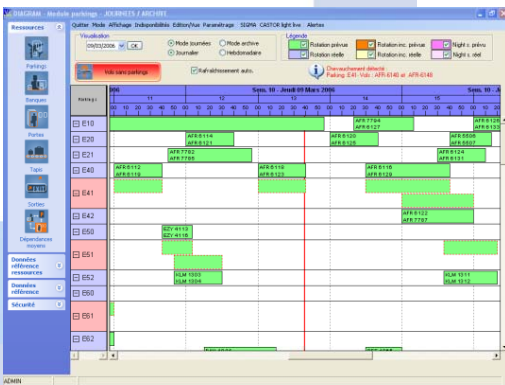


DIAGRAM was designed and developed to simplify the management of resources needed to process flights, using a graphic interface to view and allocate them. The system also manages automatic allocation of parking stands, gates, carousels and exits.

DIAGRAM, an integral module of INFOPAX (RESA's Airport Information System) meets the operational management needs of airports.

#### Secure, interactive solution

DIAGRAM interfaces with the INFOPAX centralized database and its seasonal and real-time programs. It features several resource management modules:

- ≡ check-in desks,
- ≡ baggage chutes,
- ≡ boarding gates,
- ≡ parking stands,
- ≡ baggage carousels,
- ≡ exits.

In DIAGRAM, users can define models for allocating flight resources based on a typical week at the airport, taken from the seasonal schedule. These models can then be applied over various periods and modified as needed.

Resources are allocated securely thanks to a series of consistency checks carried out by DIAGRAM. For instance, the type of aircraft is checked when a flight is assigned to a parking stand.

Changes made using the graphic interface are immediately updated in the INFOPAX centralized database.

#### Intuitive and user-friendly tool

Thanks to the Drag and Drop® technology, users can see the result of their actions graphically. The print function can be used to quickly distribute the graphs to other agents.

DIAGRAM is perfect for daily resource management and is also very useful when working up projections.

RESA plans to bring out some new features to DIAGRAM and especially to integrate security checkpoints as a new resource. Information regarding security checkpoints assigned to flights could then be sent to PAXTRACK in order to refine passenger access rules at those control points.

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## Features

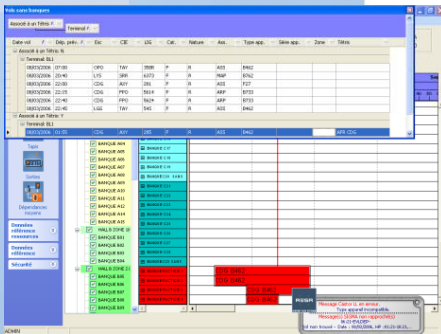
The new parking stand management module allows to define airlines preferences in order to generate automatic stand allocation, which will only have to be refined.

### Parking stand management

DIAGRAM displays the flights that are assigned to each parking stand over a given period. The look and feel of the user interface can be entirely customized (choice of colors according to the type of occupancy, time scale, etc.).

Many features are available, including:

- ≡ direct input of projected and actual allocations,
- ≡ suggestion of automatic stand allocation,
- ≡ graphic view (real time / completed),
- ≡ consistency check between aircraft type and parking stand,
- ≡ concept of changing parking stands for an aircraft on the ground,
- ≡ concept of linked stands (occupation of one or more stands according to the aircraft type),
- ≡ information on unavailabilities,
- ≡ graphic display of parking stands occupation for a global view.



### Check-in desk management

DIAGRAM can manage groups of check-in desks (TETRIS graphic mode) that are associated to flights (groups of adjacent counters for a variable period). Check-in desks are allocated by Drag & Drop® technology.

DIAGRAM can also complete exceptions for the upcoming days or in real time and make last minute changes in real time.

### Gate, belt and exit management

DIAGRAM includes native modules for managing boarding gates, baggage carousels and exits in projected or real-time mode, as well as standard resource allocation models. There is also a linked resource module for automatically allocating gates, carousels and exits to flights according to the stand, terminal and flight nationality.

### Baggage chute management

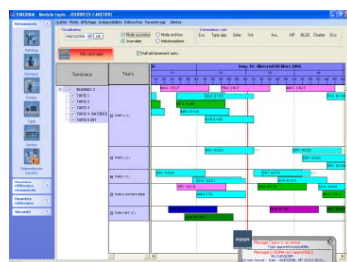


DIAGRAM can manage groups of bag chutes that are associated to flights. Bag chutes can be assigned based on baggage class or flight stopover. The use time is automatically set to the use time of the check-in counters.

When a group of check-in counters is assigned, a related group of bag chutes can automatically be assigned as well. This allocation information is then sent to the airport's baggage handling.

Please feel free to contact us for detailed documentation about DIAGRAM.