Explanatory notes: airline dashboard
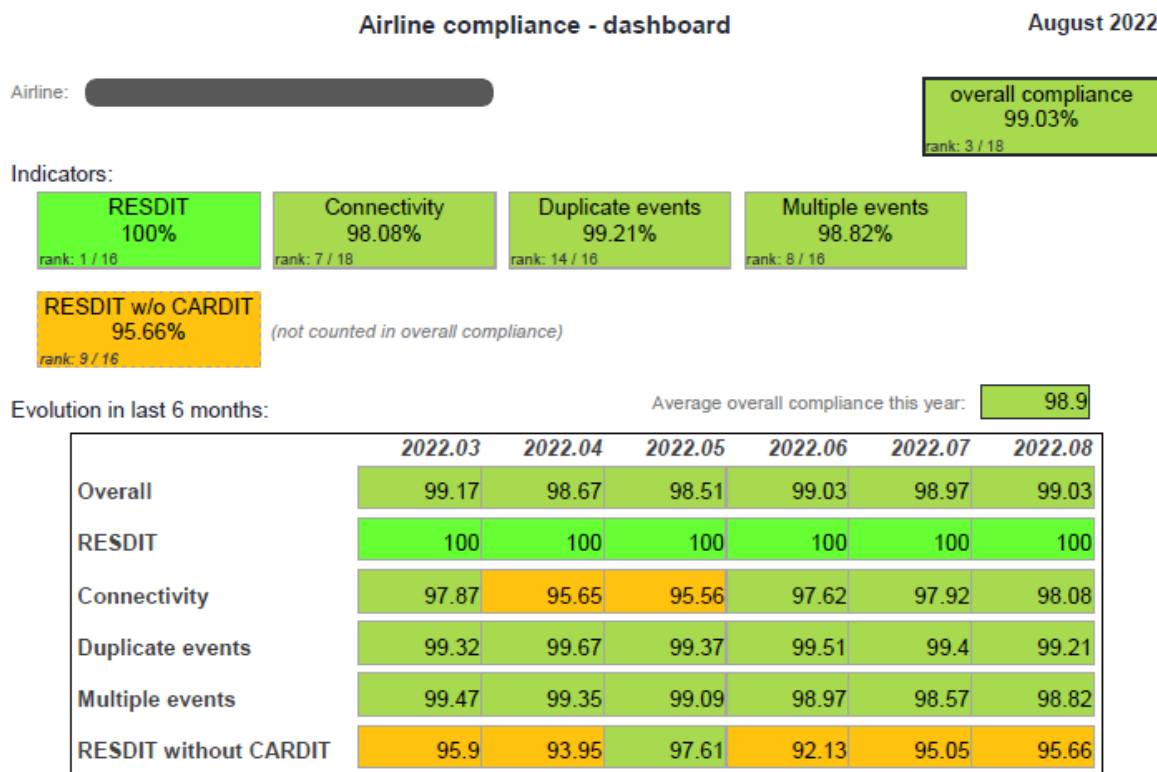
Doc v1.2, 2022.08.30

Introduction

The airline dashboard provides an overview of compliance measurements for the month being reported, with coloured cells indicating the level of compliance per indicator.

All details come from the other compliance reports.

The dashboard also displays the values of all indicators over the past 6 months, to show their evolution over time.

Here is the aspect of the airline compliance dashboard received monthly by airlines participating in the project:

Airline compliance - dashboard — **August 2022**

Airline: [redacted]

overall compliance
99.03%
rank: 3 / 18

Indicators:

| RESDIT 100% rank: 1 / 16 | Connectivity 98.08% rank: 7 / 18 | Duplicate events 99.21% rank: 14 / 16 | Multiple events 98.82% rank: 8 / 16 |

RESDIT w/o CARDIT
95.66%
rank: 9 / 16   *(not counted in overall compliance)*

Evolution in last 6 months: Average overall compliance this year: 98.9

	2022.03	2022.04	2022.05	2022.06	2022.07	2022.08
Overall	99.17	98.67	98.51	99.03	98.97	99.03
RESDIT	100	100	100	100	100	100
Connectivity	97.87	95.65	95.56	97.62	97.92	98.08
Duplicate events	99.32	99.67	99.37	99.51	99.4	99.21
Multiple events	99.47	99.35	99.09	98.97	98.57	98.82
RESDIT without CARDIT	95.9	93.95	97.61	92.13	95.05	95.66

Report details

Indicators

Several compliance indicators have been defined and are represented by individual boxes. Each box contains the following information:

- The indicator name
- The compliance value (between 0 and 100%) for the indicator
- The compliance level (background color: red, orange or green)

- The ranking among airlines participating in the project.
- The total number of airlines measured

All calculations are based on information provided in the detailed reports.

The percentage displayed for each indicator corresponds to the following calculation:

100 – (<error count> / <total count>) x 100

Indicators: calculation

The table below indicates how the <total count> and <error count> are calculated for each indicator:

Indicators:

Indicator	Total count	Error count
RESDIT	Total number of RESDIT messages sent by the airline in the sampling period	RESDIT messages with at least one error counting for dashboard calculations.
Connectivity	Sum of: - Number of active RESDIT links - Number of passive RESDIT links - Number of pending connection requests	Sum of: - Number of passive RESDIT links - Number of pending connection requests
Duplicate events	Total number of distinct RESDIT events	Total number of receptacle events sent in duplicates
Multiple events	Total number of distinct RESDIT events	For events other than events 6 (Assigned to load plan), 24 (Uplift), 48 (Loaded) and 57 (Not loaded), it is considered that multiple events should not occur. For that reason, any multiple event is counted as error for events other than 6, 24, 48 and 57.
RESDIT without CARDIT	Total number of receptacle events in RESDIT messages sent	Number of receptacle events in RESDIT messages sent, belonging to consignments prefixed with 'XX'.
Overall	The overall compliance indicator is calculated as the simple average of all other indicators, except 'RESDIT without CARDIT': RESDIT without CARDIT should be avoided as much as possible, but when it happens, the problem may be with the origin post, so it would not be fair to take the corresponding indicator into account in the overall compliance calculation.	

Indicators: colour codes

The colors displayed for each indicator are attributed based on the compliance value, as follows:

	red	orange	green	Flashy green
Indicator value	<= 85	85 to 97	> 97	=100

Indicators: ranking

In each box displaying a compliance indicator, the airline ranking is also provided, so that the airline can compare its performance to others.

Two numbers are provided:

- Own ranking: the ranking of the own airline, compared to others for which compliance calculations were made.
  The best ranking is #1. Several airlines may share the same ranking. In that case, the next ranking is incremented. For example, if 3 airlines have 100% compliance for an indicator, they share ranking #1 and the next airline has ranking #4.
- Highest rank: the number of airlines measured for the indicator.

Evolution per indicator in last 6 months

This section provides a table with the value of each indicator in the last 6 months. The last column is for the month being reported and therefore repeats the current indicators displayed in the top of the page.

The objective of this section is to show the progress month after month for each indicator.

At the top of the section, the average of the overall compliance since the beginning of the year is displayed.