SIAaS

Safety Incident Analysis as a Service

JBM Team

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The Incentive

Challenges

- Investigate faster safety rules incidents

- Get historical data for post operational analysis to identify weaknesses and oppurtunities

Where is a will, there's a way!

Data Mining
We take flight data from radars across the Europe

Detection
Using algorithms, we detect the violations of flight protocols

Visualizing
We visualize these data and mark the the breaches

Providing
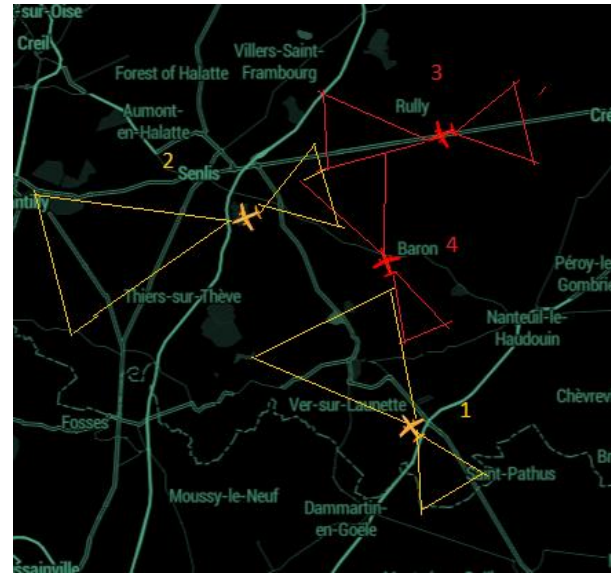Provide the results to ANSP's for post analysis

How the Magic is created!

The Triangle Trick

Two zones are created around the airplanes.

- If the two red zones meet, the safety limits are broken (distance < 5nm)

- The orange zone means that the distance is approaching the 5nm threshold

What does the future hold?

- **A Prediction System**

Another future plan is to use the algorithm, in order to train the model, and create a platform that can inform the ANSP of possible risky flights that are going to happen.

Thank you for watching!