



# FEAT-BigData Performance Analysis solution for DSNA

## BIG DATA FOR DSNA

*A way to put together an assembly line of technologies, people and processes*

### What is Big Data ?

An ecosystem linking different applications with one another over intelligent and standardized interfaces.



### Promoting richness of DSNA data :

- ✓ Massive volume of data captured, cleaned, stored, structured, analyzed and shared
- ✓ From different DSNA business areas (ATM, Environment, Finances, Human Resources, ...)
- ✓ Query and visualize data at different DSNA organizational levels

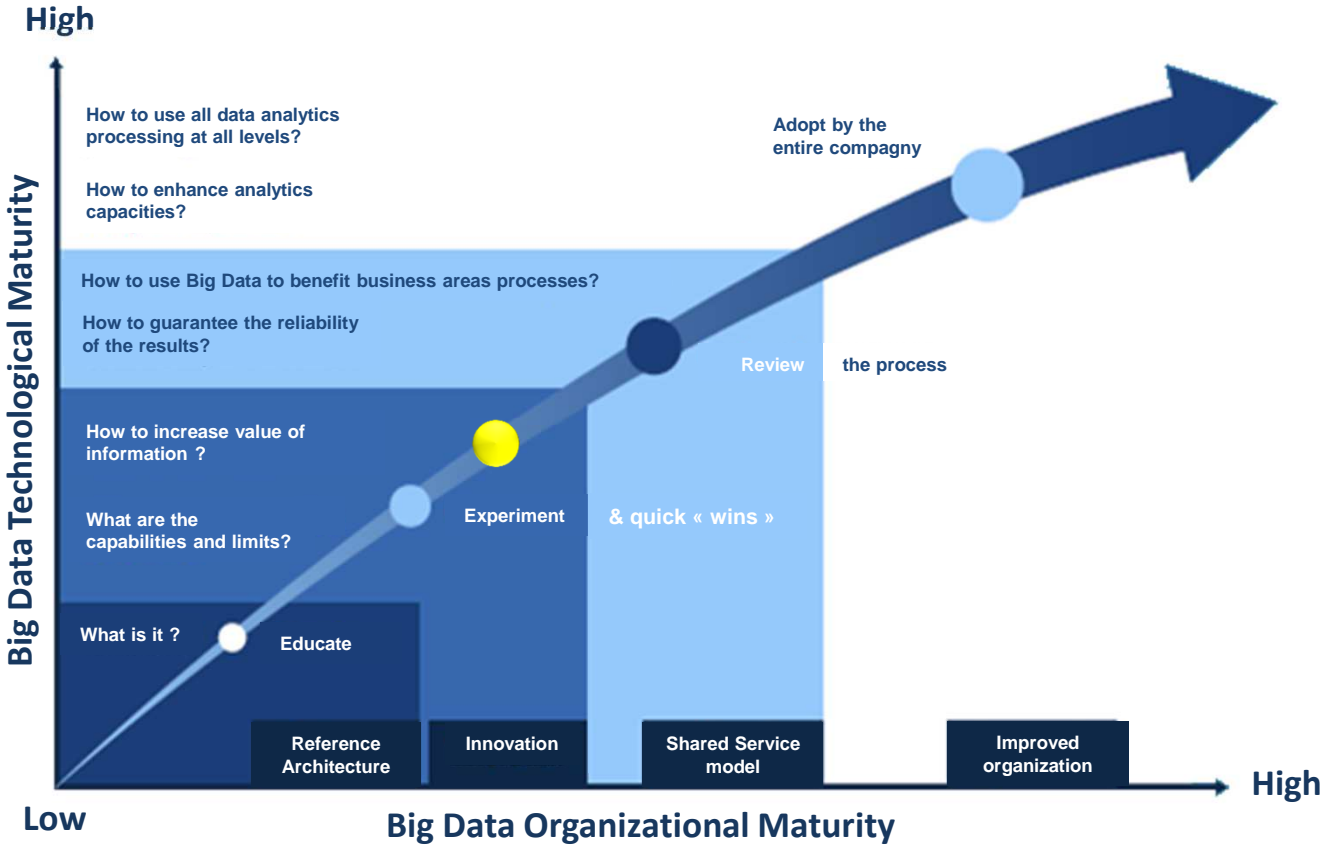
### Increasing DSNA efficiency :

- ✓ Help to analyze massive amounts of data and derive predictive insights
- ✓ Report data findings more easily and rapidly to improve decision making processes
- ✓ Communicate with innovative tools

technology  
machine  
database  
environnement  
flightpath  
framework  
bigdata  
cluster  
visualization  
airlines  
analysis  
storage  
shared  
search  
trajectories  
airports  
feat  
efficiency  
learning



# BIG DATA – EVOLUTION PROCESS



# FEAT-SCOPES & OBJECTIVES

## FLIGHT EFFICIENCY



Data Governance

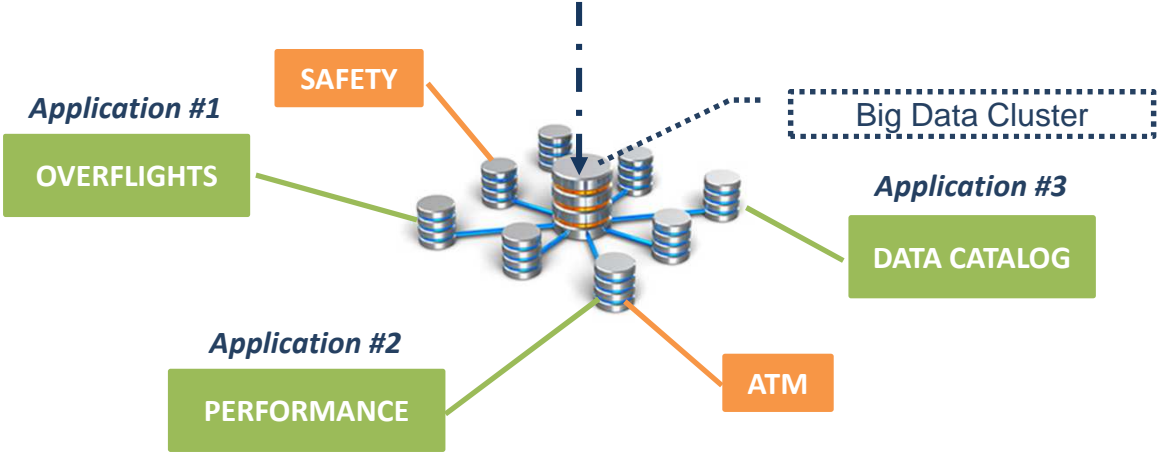
Real time data inputs & processing

Needs

DATA MANAGEMENT TRANSFORMATION



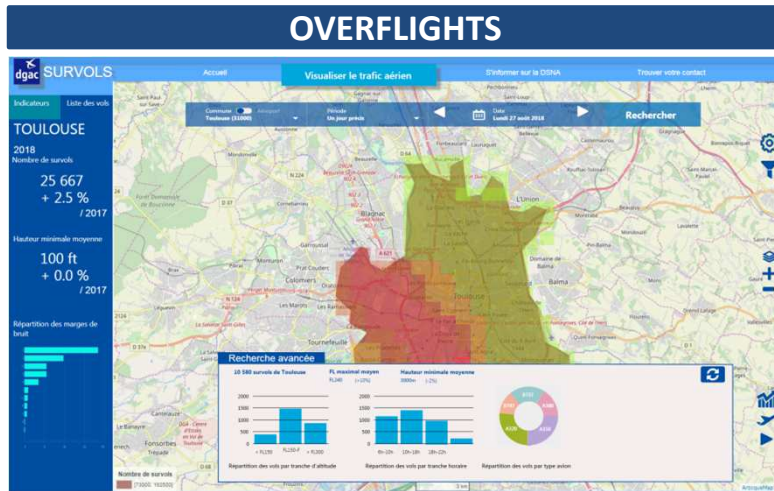
# ROADMAP BIG DATA-FEAT



\*FEAT: Flight Efficiency Analysis Tool

# FEAT - APPLICATIONS

## OVERFLIGHTS

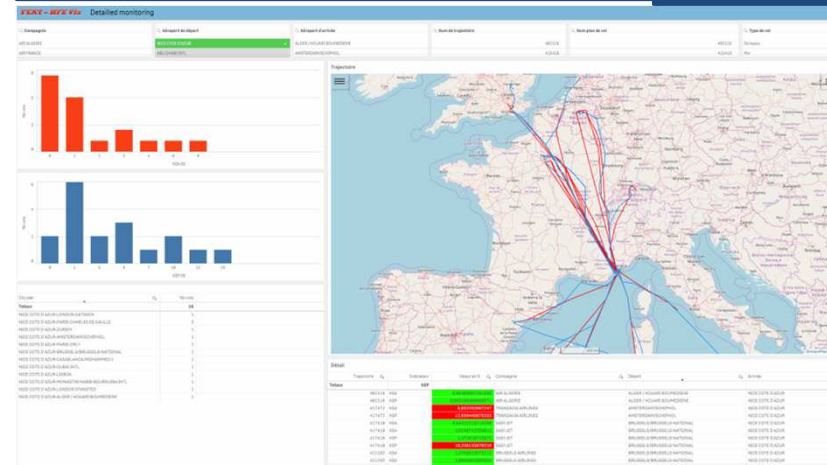


- ✓ Horizontal flight efficiency analysis
- ✓ Decision making tool : analyzing data in a specific context ( traffic complexity, weather conditions...)
- ✓ Access to data archives

- ✓ Online tool
- ✓ Transparent communication towards local communities (radar tracks, overflight density, noise)
- ✓ Access to data archives



## PERFORMANCE





Thank you for your attention.  
Questions?