

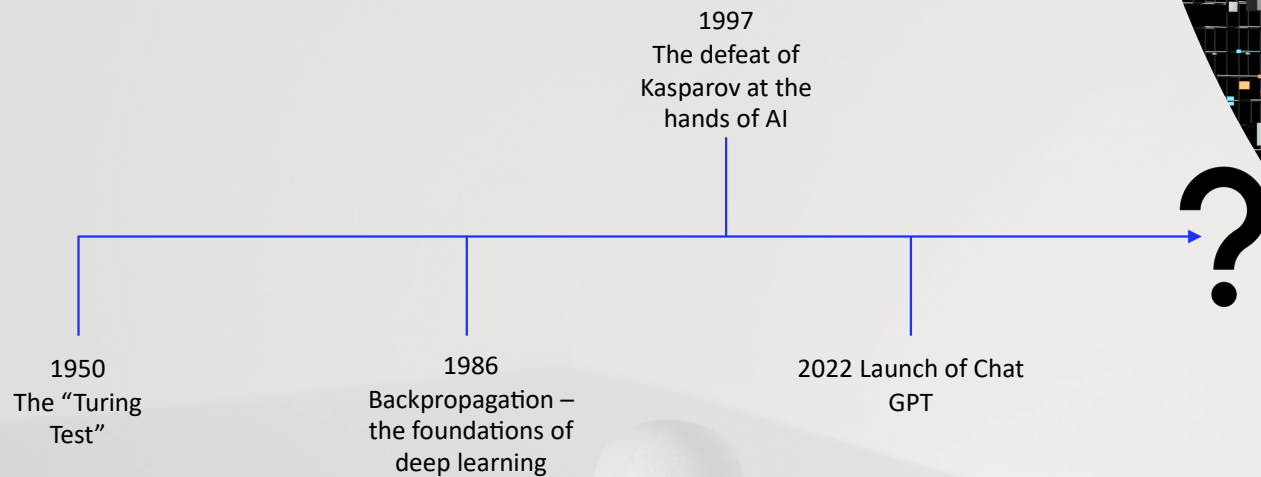
EASA Annual Safety Conference

The Role of Technology in Enhancing Aviation Safety

Mark Vincent – Head of Safety Risk and Quality Assurance



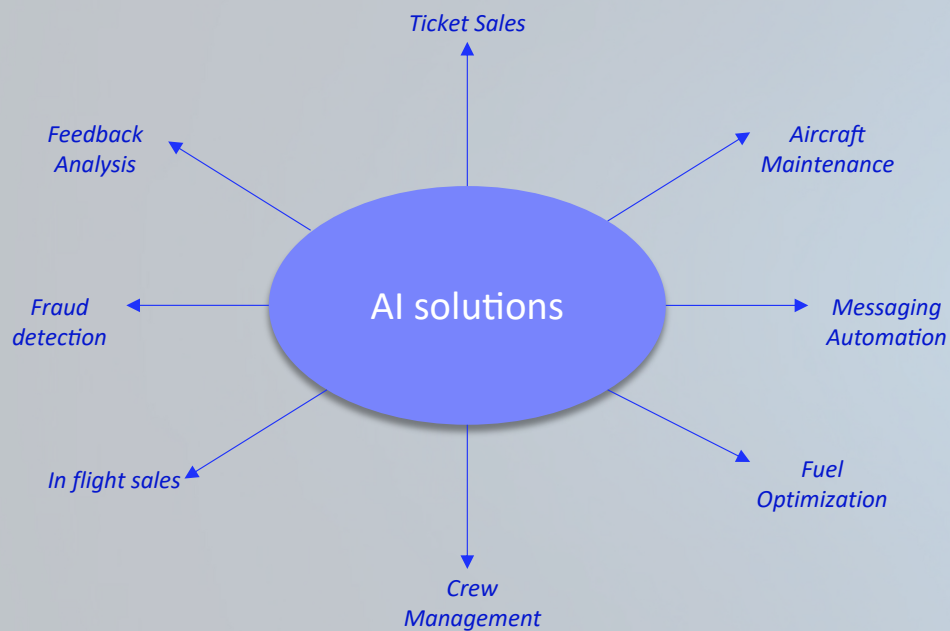
AI – What is our reality?



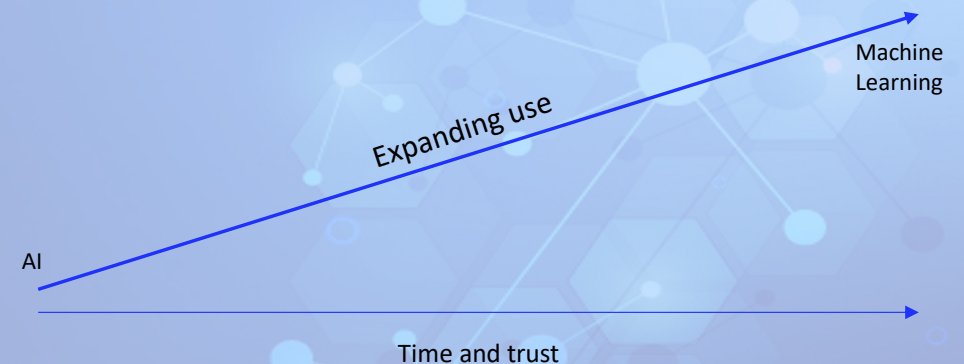
So...what is our reality today?



Our Opportunity

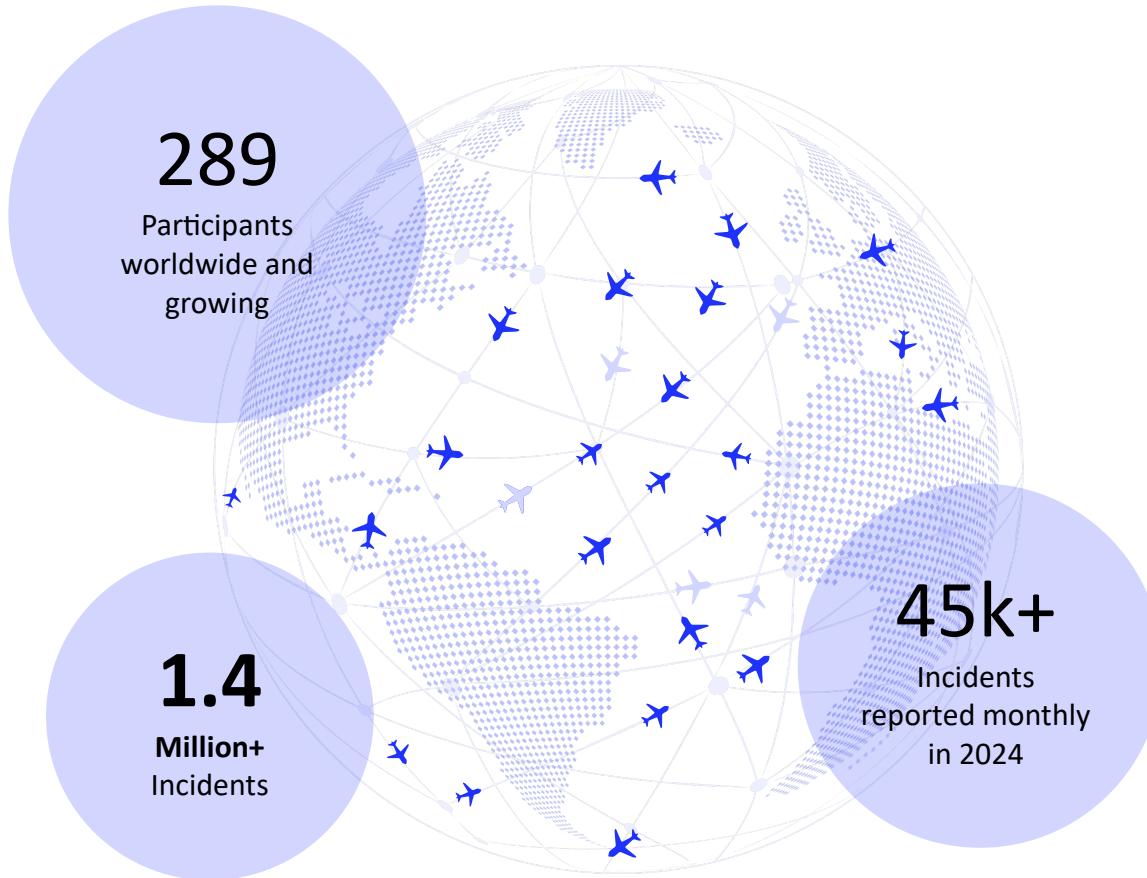


- Safety benefits
 - Increased efficiency for the management of safety reports
 - Better understanding of the data we have
- Target AI solutions on resource intensive activities – free the human in the system!
- Build confidence, the human must remain in the system.





GADM - IDX | Incident Data Exchange Program Overview

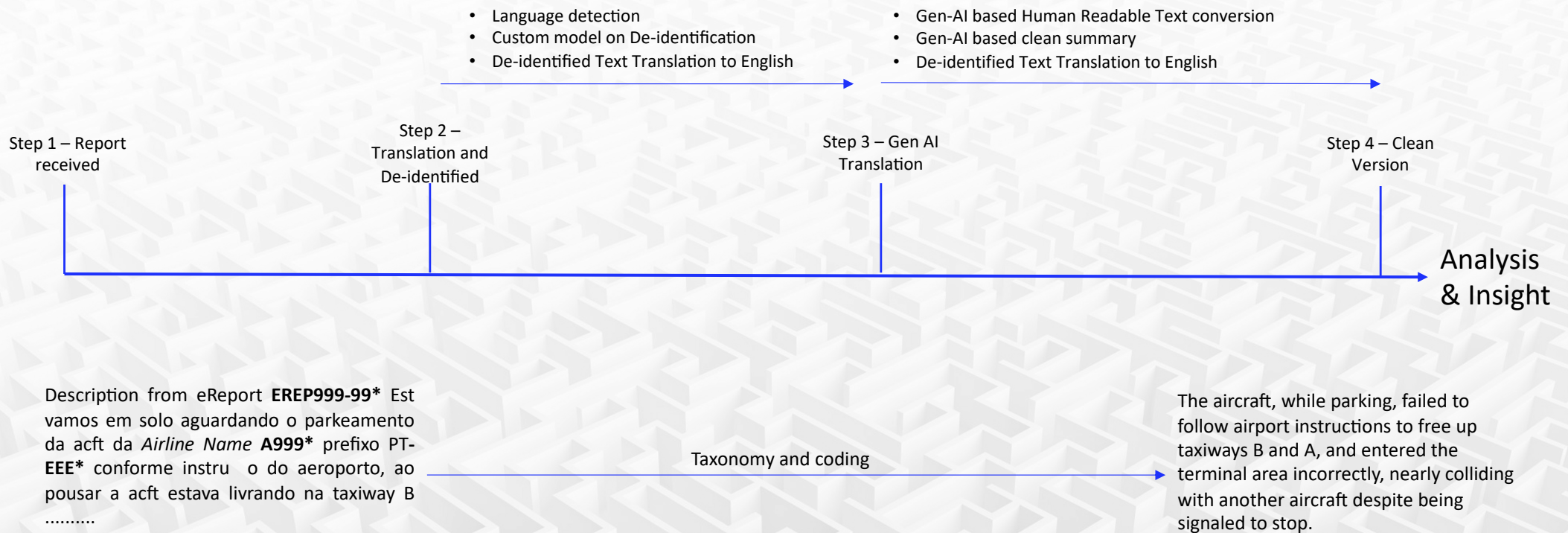


IDX | Shared safety and security data which highlights critical trends on a regional/global scale

- Worldwide aggregated database of incident reports including flight operations, cabin, group operations, safety and security occurrences.
- De-identified, secured data protected by rule-of-three.
- Data ingested in different languages, types, incidents since April 2020.
- Data is analyzed based on different operational units (OU's) & safety performance indicators (SPI's).
- IDX program provides global aviation safety trends on industry dashboard & operator related dashboard to IDX participants globally.

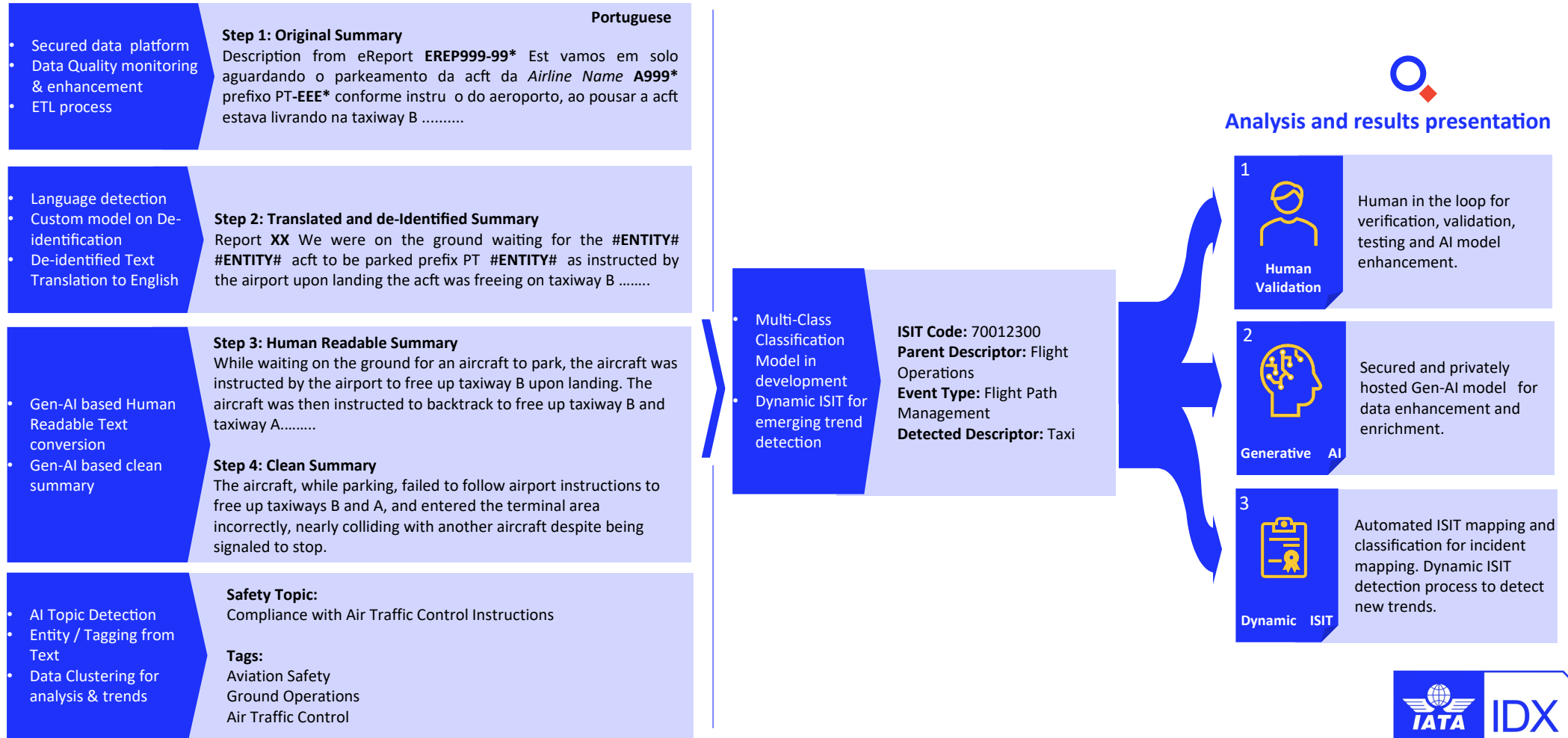


Example - IDX

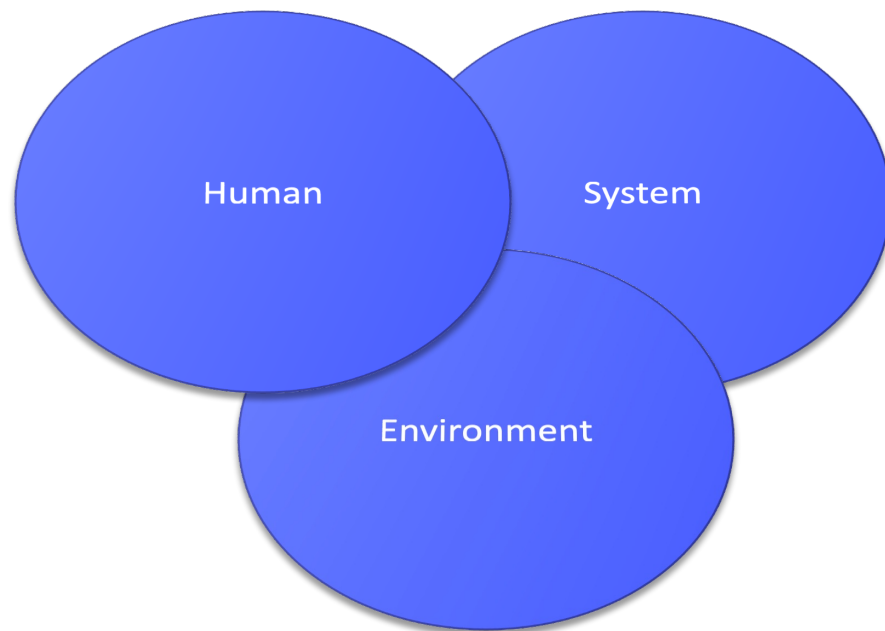




IDEX | Incident Data Enhancement & Enrichment with Generative AI



Threats



Thank you

"Humanity can enjoy a flourishing future with AI. Having succeeded in creating powerful AI systems, we can now enjoy an 'AI summer' in which we reap the rewards, engineer these systems for the clear benefit of all, and give society a chance to adapt."

*Technology researchers and leaders,
including Apple co-founder Steve
Wozniak*