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OPTICS2

workshop

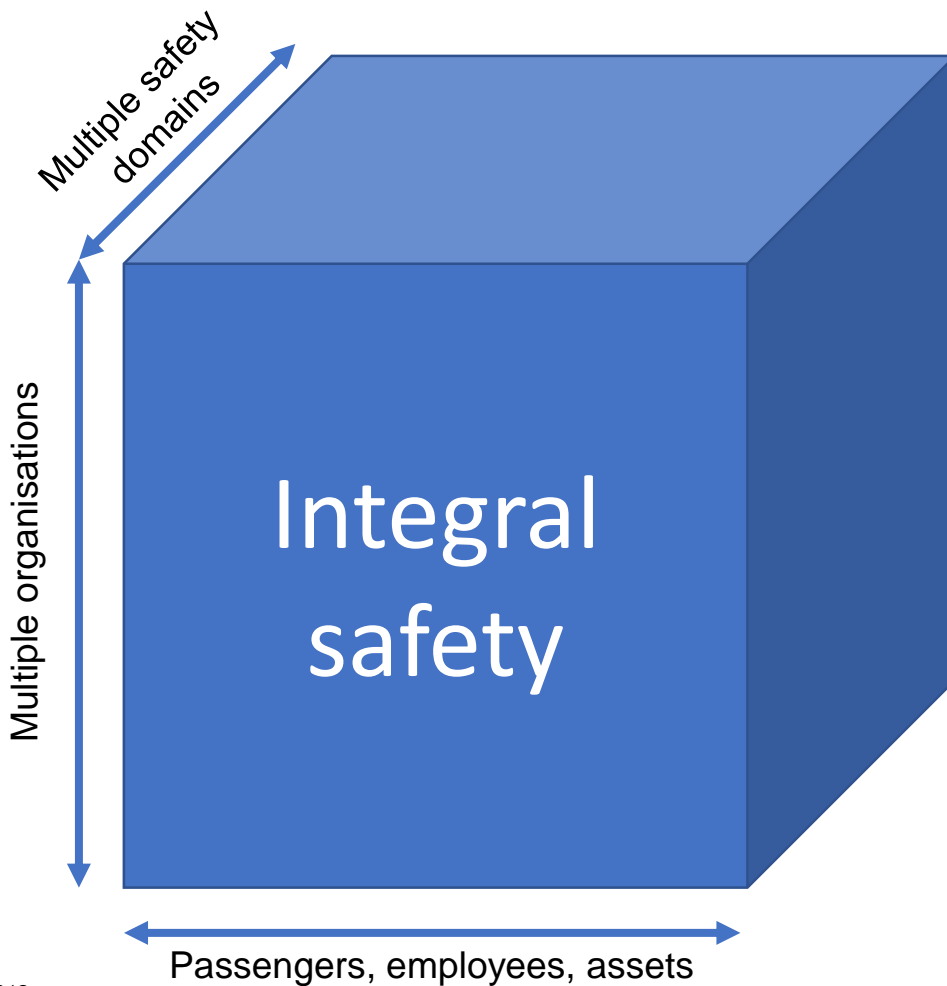
Schiphol over the years



Trends in aviation

- Rapid growth of traffic
- High hourly capacity
- Limited m²
- Complex ground infrastructure
- Larger aircraft





In 2018 the Dutch aviation sector started a joint sector Integral Safety Management System (ISMS) with the aim to improve cooperation and increase safety at Amsterdam Airport Schiphol.

Challenge

How can data science facilitate the transition from an incident-driven safety learning approach towards an integral data-driven safety learning approach in order to achieve quantified predictive assessments of safety risks at the interfaces of different operations and organisations at a large international airport?