

WORC 2024



World Overflight Risk Conference

2 - 4 July 2024 | Warsaw, Poland

Aviation Risk Management

Comprehensive approach to identifying, assessing, and mitigating risks in the aviation industry

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Measuring Risks in Three Dimensions

Probability

Likelihood of a risk event occurring

1

2

3

Risk Velocity

Speed at which a risk materializes

Impact

Potential consequences if a risk event happens

Leveraging Data Analytics

Network Analysis

Uncover hidden connections and patterns

Social Media Listening

Monitor conversations and sentiments in real-time

Social Media Monitoring

Track key metrics and identify emerging risks

Multimodal Biometrics

- 1 Facial Recognition**
Identify individuals based on facial features
- 2 Iris Scanning**
Verify identities using unique iris patterns
- 3 Voice Recognition**
Authenticate users based on voice characteristics
- 4 Behavioral Analysis**
Monitor and detect anomalous behaviors



Integrated Risk Management

Bundling Concepts

Combine data from various sources in real-time

Unified Platform

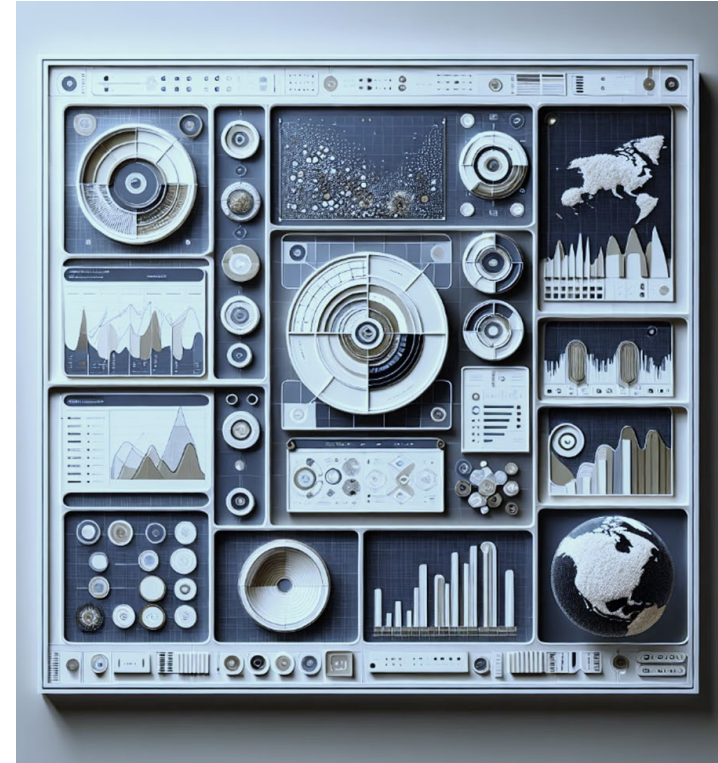
Provide a single source of truth for risk management

Automated Alerts

Proactively identify and notify of emerging risks

Actionable Insights

Leverage data-driven insights to inform decision-making



Fostering Innovation



Global Collaboration

Share knowledge and best practices worldwide



Co-Creation

Engage stakeholders in the innovation process

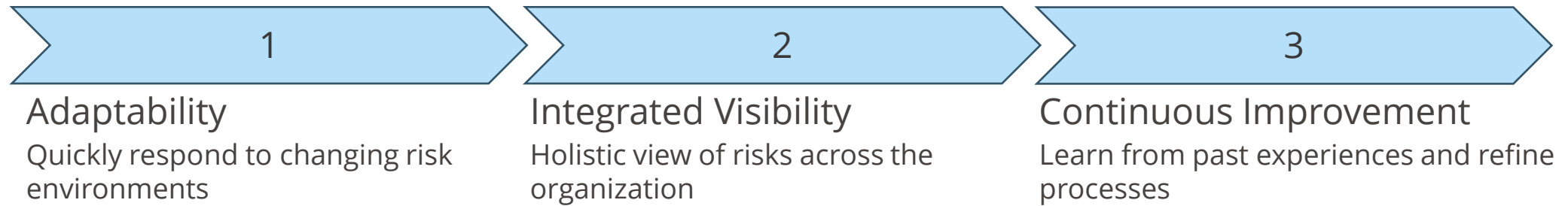


Proactive Analytics

Uncover hidden insights and foresight future trends



Towards Agile Risk Management



The Future of Aviation Risk Management

Predictive Analytics

Anticipate and mitigate emerging risks

Autonomous Systems

Enhance safety and operational efficiency

Blockchain Technology

Improve data integrity and traceability

Sustainability Initiatives

Reduce environmental impact and carbon footprint



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