

Integrated Safety Management Systems



Safety is a dynamic non-event! Upgrade your airline to the best-in-class safety level

ZOTOV Error Mapping teaches us, that aircraft accidents are the result of multiple risk-factor chains that interact and cumulate over time. Operational errors are a small sequence within a greater error sequence at a systemic level: **the majority of accidents result from complex, “slow-motion” chains of sequences and interactions.**

The Lufthansa Consulting approach defines Integrated Management Systems (IMS) as a single, overarching set of processes that combine the functionalities of safety management, quality management and business management:

Implement Safety Management Systems

- Create the necessary tools for risk and quality management
- Develop a safety case to identify all latent organizational hazards
- Define the company's hazard level to ALARP (“As Low As Reasonably Practicable”)

Apply Quality Management Systems

- Develop a concept for an efficient internal audit process of the organization in Flight Operations and Maintenance (Level 1)
- Monitor quality controls embedded within process activities (Level 2)
- Process and practice monitoring in Flight Operations through observation: LOSA, compliance monitoring (Level 3)
- Process and practice monitoring in Maintenance through data: HFDM, HUMS, MEDA, reliability program (Level 4)

Change your organization to process based management

The move to process based management represents the greatest change thus far in the company. A coherent set of processes provides the baseline for standardization, assessment and continuous improvement, which are crucial requirements for an effective and efficient Safety Management System.

Together with the client Lufthansa Consulting can help to define a management system of processes that reduce complexity to manageable portions. This has the advantage that any undesired outcome can more easily be traced back to at least one of the defined processes.

**Update to efficient safety processes
We can help you to secure them**