

NM SAFETY MANAGEMENT TOOLS WORKSHOP

eTOKAI-User story

Harald Schachinger, Austro Control

**(SMTUG) Safety Tools User Forum - Chairman
Team Leader Occurrence Management**

SAFETY IS IN THE AIR



INDEX

- ▶ **Status until 15.11.2015**
- ▶ **Reporting**
- ▶ **Investigation**
- ▶ **Export to national Authority (e5x)**
- ▶ **Risk Assessment Tool (RAT)**
- ▶ **Recommendations**



Status until 15.11.2015

- ▶ Implementation of a Reporting system (before 2002)
 - Mandatory
 - Voluntary
 - ANS Departments (ATM, AES (tech) and MET)
- ▶ Reportformat: .PDF
 - Sent by eMail or fax
 - Feedback on every Report (at least as confirmation that received)
- ▶ Datastorage in Excel
 - Manual type in
 - limited possibilities to identify hazards out of data
- ▶ AST production difficult



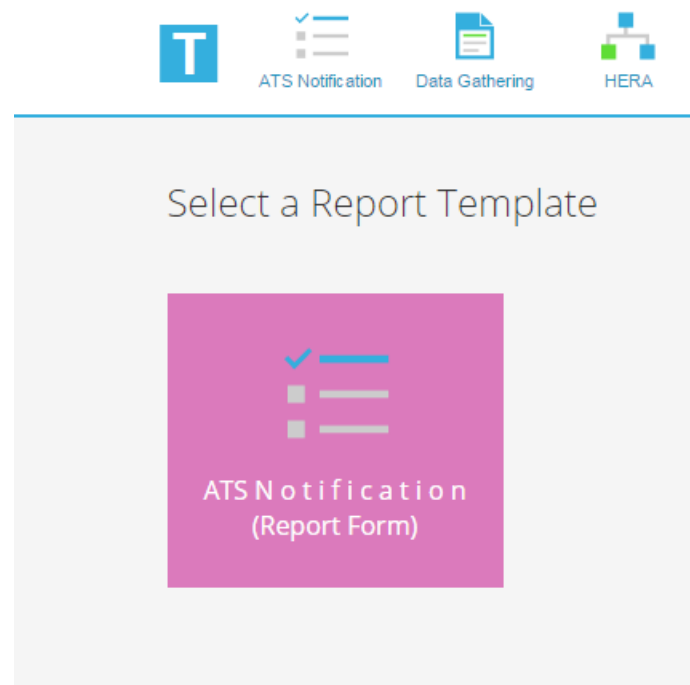
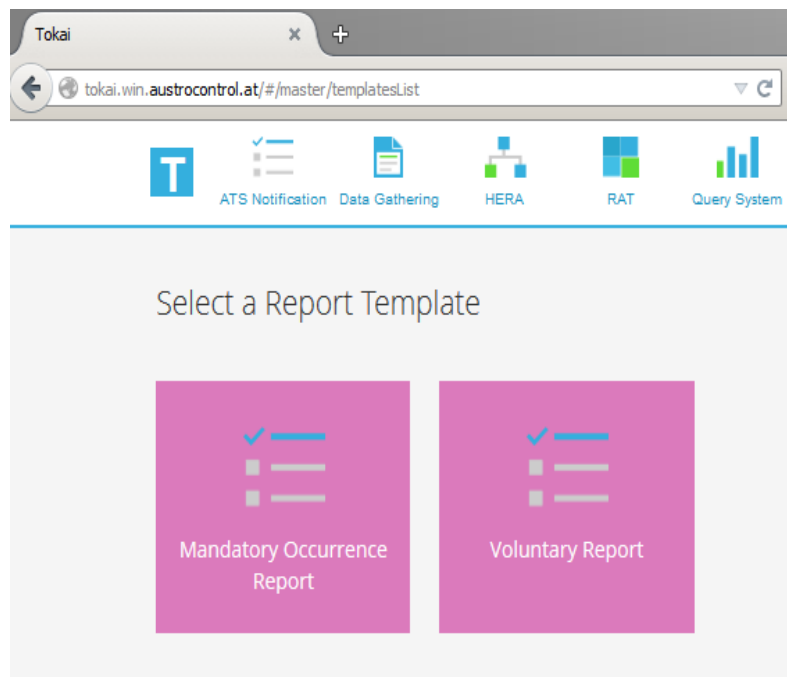
INDEX

- ▶ **Status until 15.11.2015**
- ▶ **Reporting**
- ▶ **Investigation**
- ▶ **Export to national Authority (e5x)**
- ▶ **Risk Assessment Tool (RAT)**
- ▶ **Recommendations**



Reporting with eTOKAI

- ▶ With implementation of eTOKAI (first Version) the module reporting was launched
- ▶ Onsite installation (on AustroControl server)

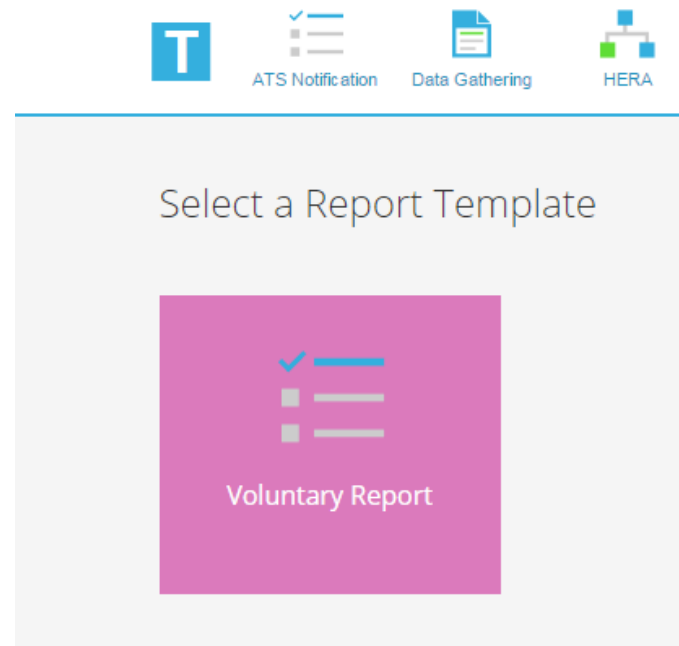


- ▶ Available for ATM Department



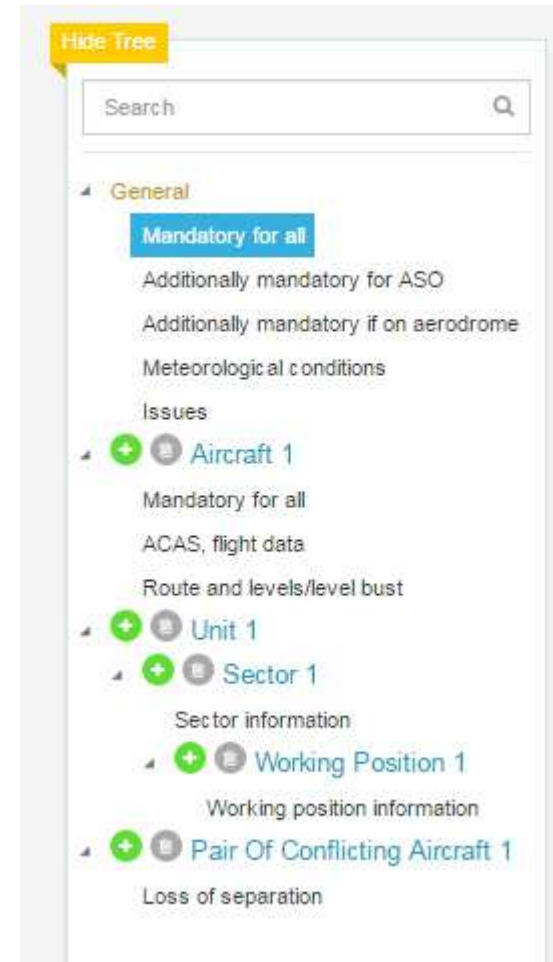
Reporting with eTOKAI

- ▶ AES Department (technical) and MET is limited to Voluntary Reporting
- ▶ non-ANS is limited to Voluntary



Reporting with eTOKAI

- ▶ Reporters are
 - ATCOs
 - ATSEPs
 - SUPs
 - FISOs
 - Meteorologists
- ▶ Reporting Procedure
 - Describes how to login
 - How to use
 - What to report
- ▶ Technical Ticketing System
 - ATM spec reporting (mandatory)
 - Transfer into eTOKAI



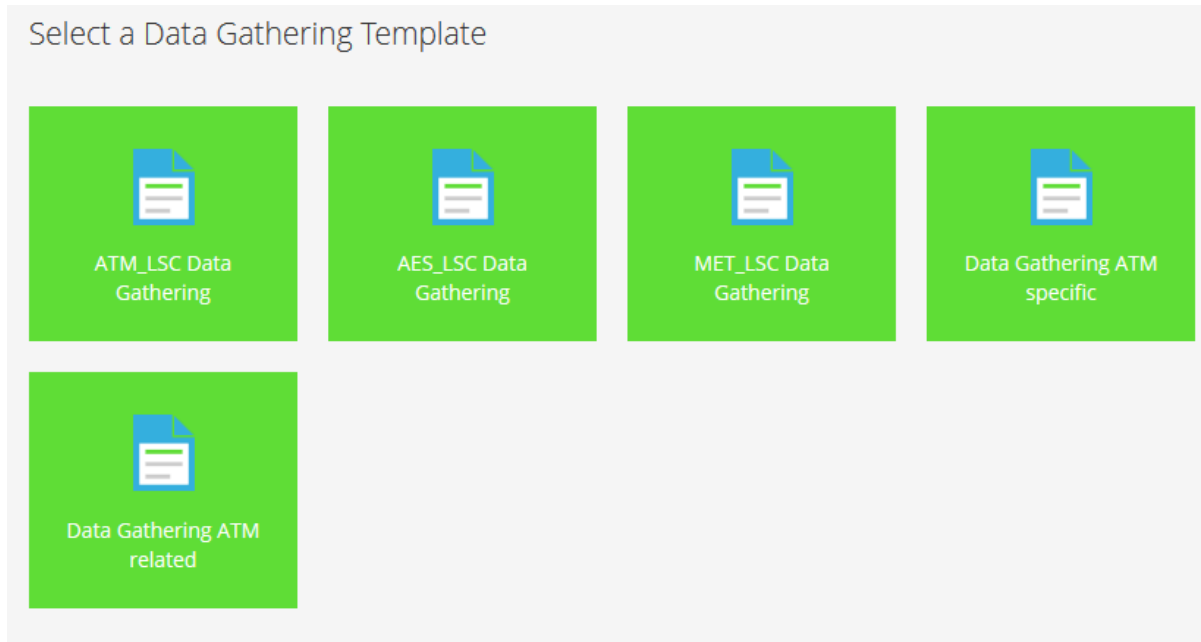
INDEX

- ▶ **Status until 15.11.2015**
- ▶ **Reporting**
- ▶ **Investigation**
- ▶ **Export to national Authority (e5x)**
- ▶ **Risk Assessment Tool (RAT)**
- ▶ **Recommendations**



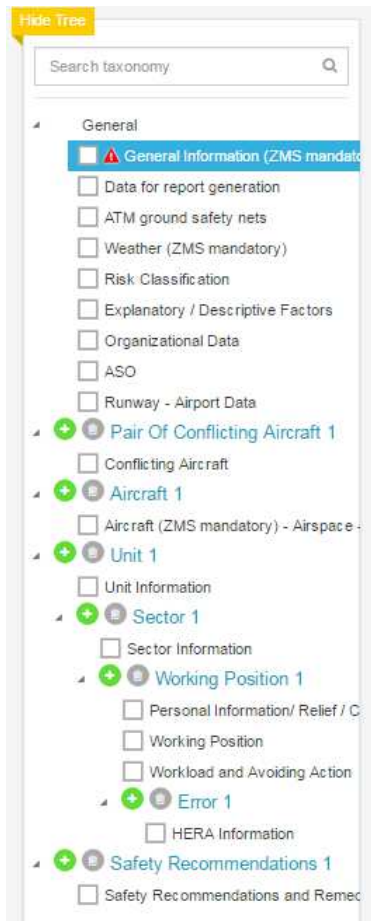
Investigation with eTOKAI

- ▶ Occurrence Management is responsible for the investigation
 - Only OM knows personal data
 - Lead Investigator, Unit Investigator, Local Safety Committee



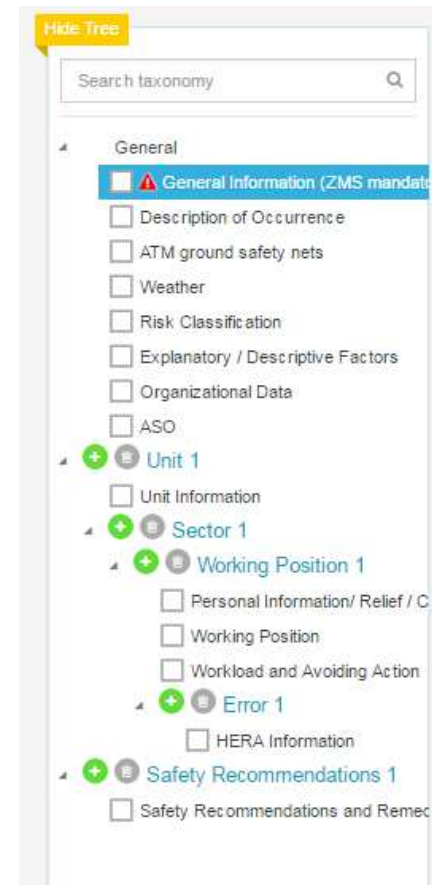
Investigation with eTOKAI

- ▶ Different schemes for ATM related and ATM specific

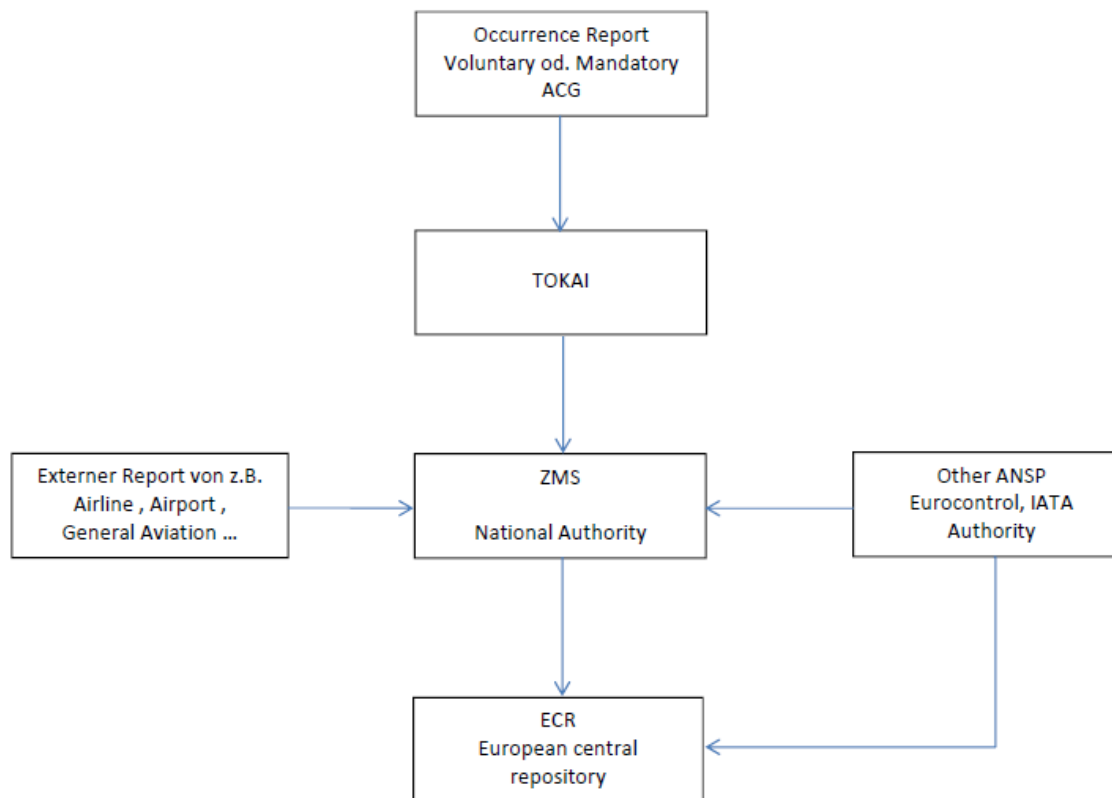


- ▶ necessary to select set of factors
- ▶ necessary to create different reference numbers

Reference Number
21/01/2017_Operational_2776
06/02/2017_Technical_2882



REPORTING - Flow



INDEX

- ▶ Occurrence Management
- ▶ Reporting
- ▶ Investigation
- ▶ **Export to national Authority (e5x)**
- ▶ Risk Assessment Tool (RAT)
- ▶ Recommendations



- ▶ De - identified will be sent by eTOKAI in parallel to ACG Occurrence Management as 1st quick info

- ▶ Export for data out of TOKAI once a week in e5x format
 - Content: data modified since last export

- ▶ Export for data out of TOKAI once a week in e5x format
 - Content: data modified since last export

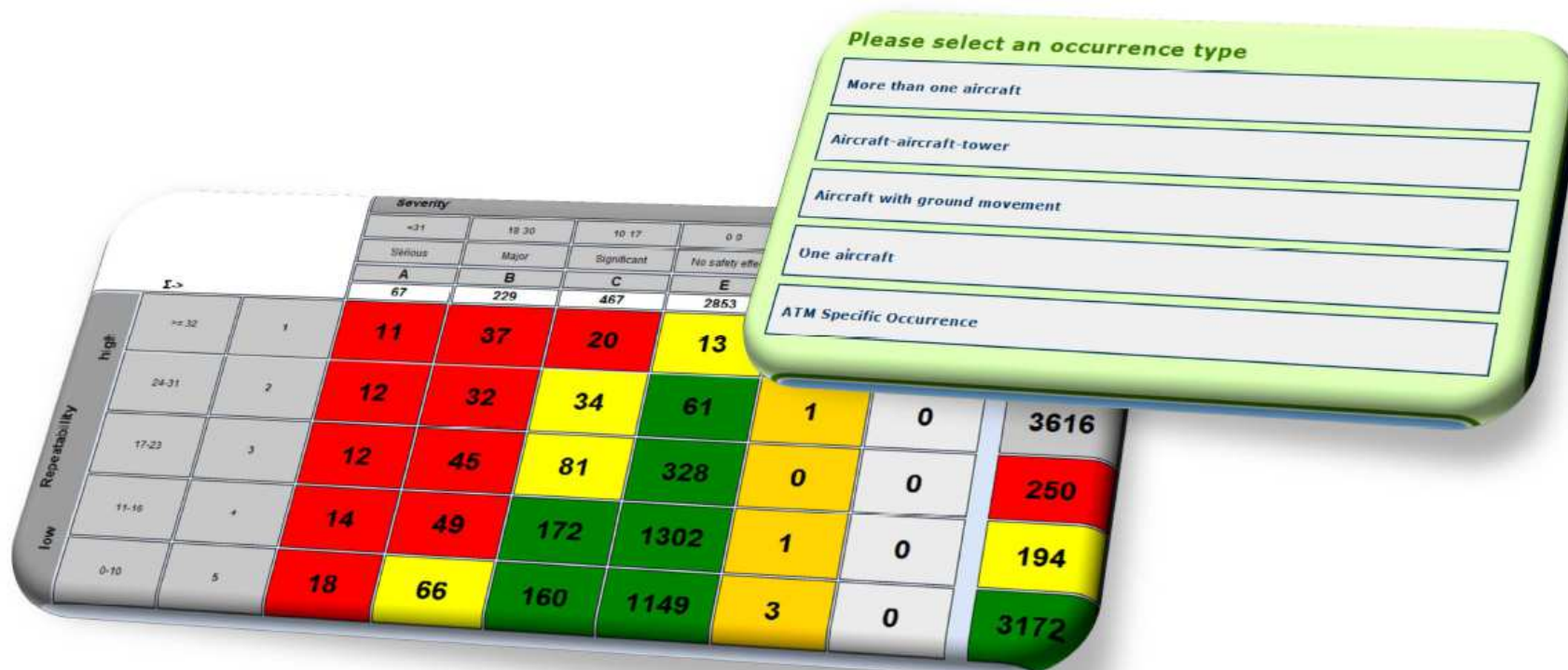
Compliance with EU376 of export confirmed: [masterTransfer2042539443591436543.pdf](#)

INDEX

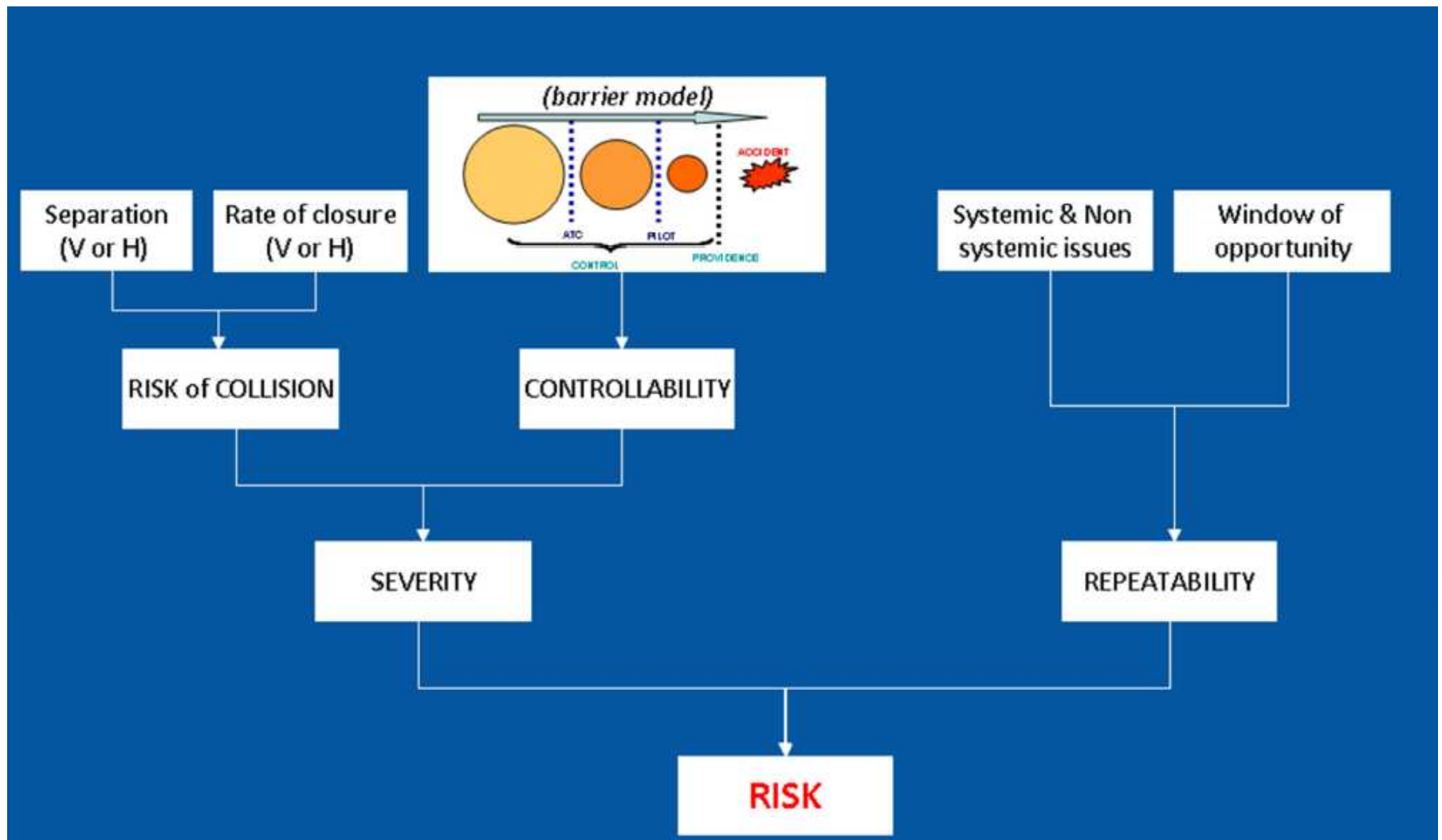
- ▶ Occurrence Management
- ▶ Reporting
- ▶ Investigation
- ▶ Export to national Authority (e5x)
- ▶ Risk Assessment Tool (RAT)
- ▶ Recommendations



Risk Analysis Tool - RAT



Risk Analysis Tool - RAT



INDEX

- ▶ **Basic**
- ▶ **Occurrences**
- ▶ **Reporting**
- ▶ **Export to national Authority (e5x)**
- ▶ **Risk Assessment Tool (RAT)**
- ▶ **Recommendations**



-
- austro**
CONTROL
- ALM742E
+10°
- ALM8020
+55°
- ALPCE
+0731

SAFETY IS IN THE AIR

OCCURRENCE MANAGEMENT

Thank's for your attention

harald.schachinger@austrocontrol.at

