

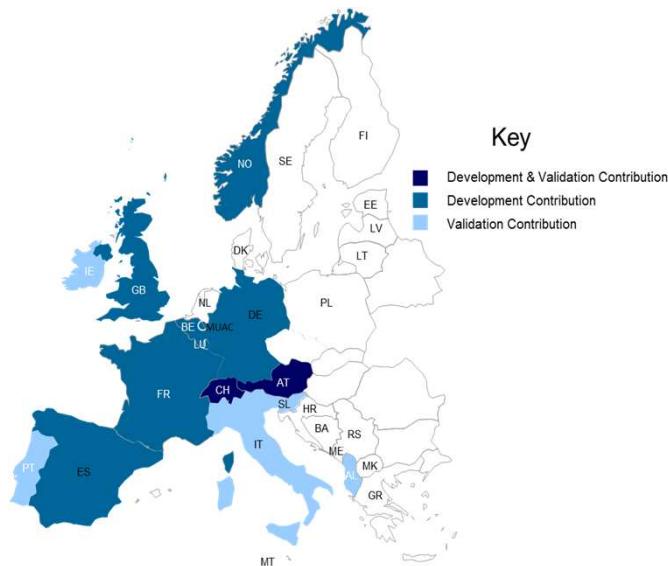


IRiS – Integrated Risk a risk model for Europe

Integrated Risk Modelling in ATM

Andrew KILNER, Marta LLOBET LOPEZ
EUROCONTROL
DECMA

IRiS - Who helped to build it



The IRiS models...



MAC TMA



MAC ENR



RWY Collision



Taxiway Collision

3

Overview of a risk model



Accident risk



Precursors



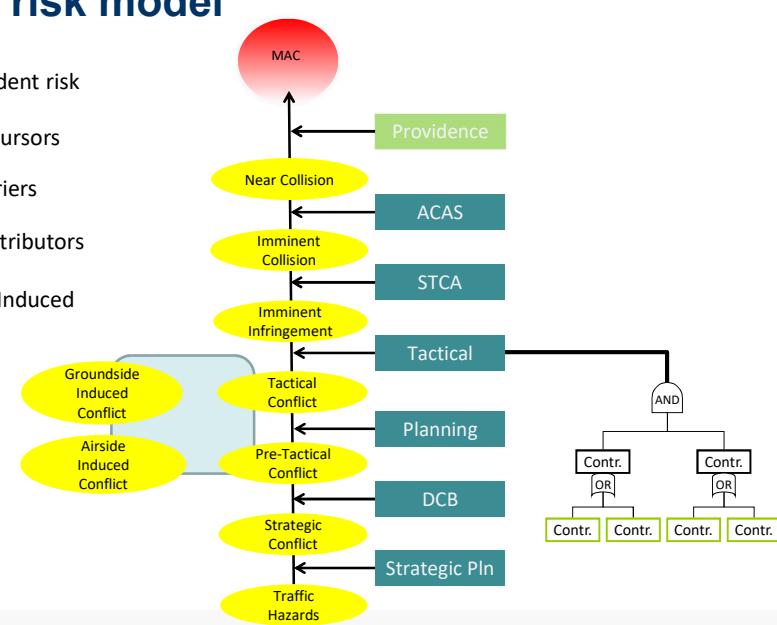
Barriers



Contributors

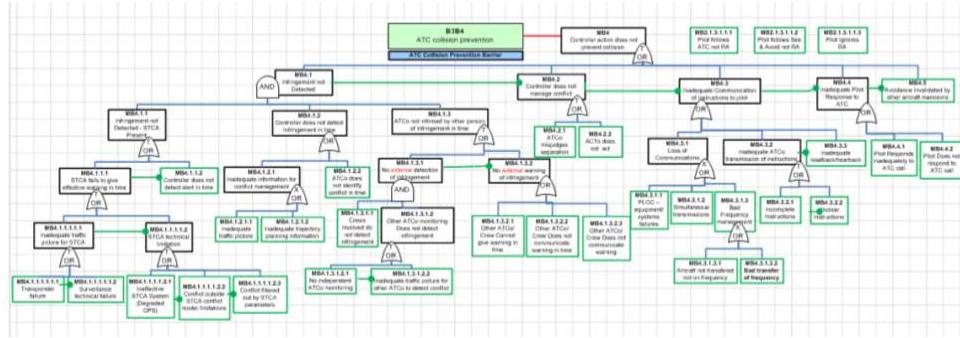


Induced



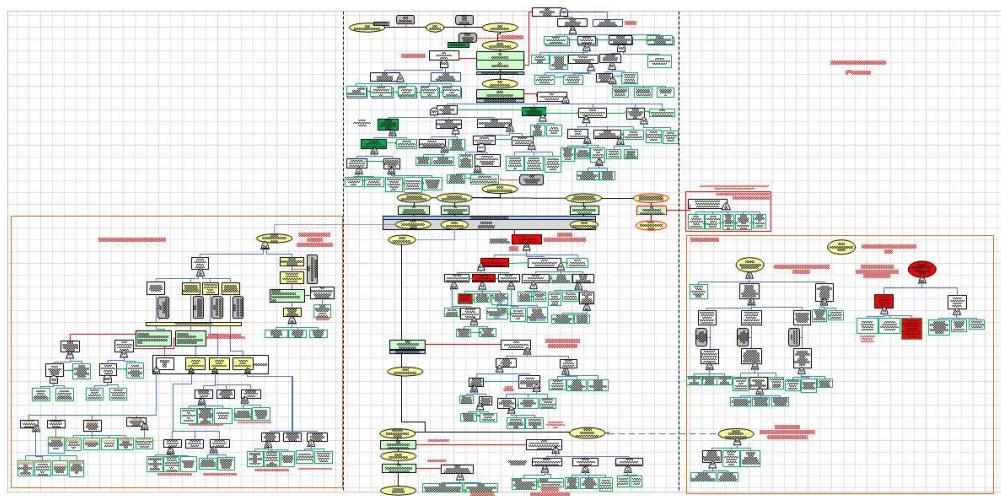
4

A barrier...



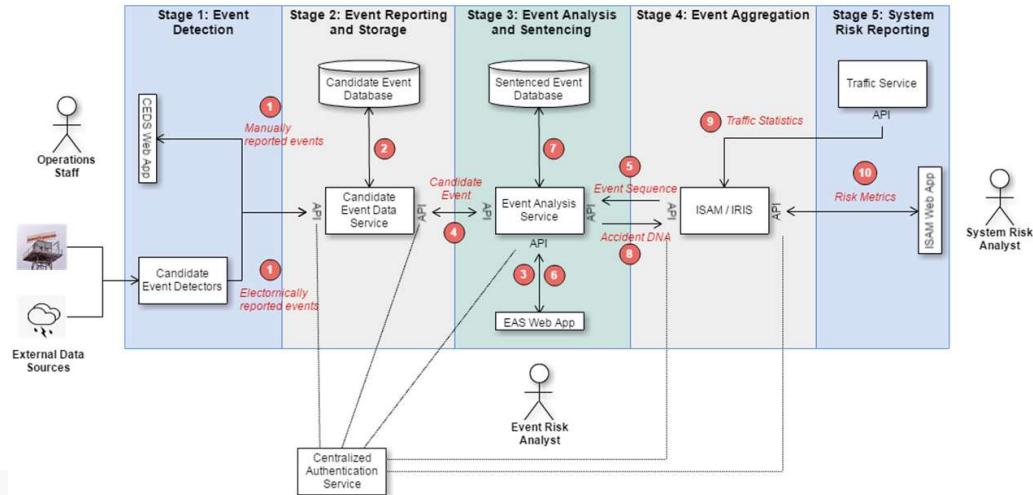
5

More Barriers to build a model



6

You can do miracles with powerpoint...



7

Currently available



MAC En-Route
MAC TMA
RWY Collision
TWY Collision
CFIT
Wake FAP

AIM Release 2017
 (ECAC wide)



ViSio

MAC En-Route
MAC TMA
RWY Collision
TWY Collision

IRIS Deployment
 (within ANSPs)



ViSio

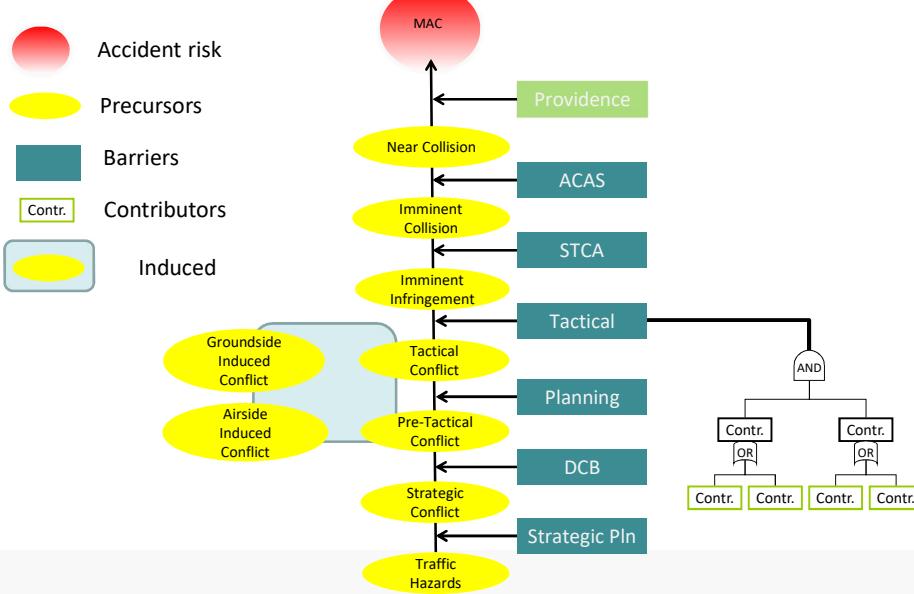
RWY Excursion
MAC Oceanic

In progress
 (only qualitative)



ViSio

Overview of a risk model



Who are we working with...



All things are difficult
before they are easy.



So what...



- **Understanding the safety chain in depth**
- **Building the bridge between safety assessment and safety assurance**
- **Identification on key risk areas and analysis of risk profile**
- **Not been built for 373**
- **Initially intended for use to support the EUROCONTROL SRM process**
- **Happy to discuss how EUROCONTROL and IRISS can support**

Questions...

