

Passenger Name Record

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Challenges for the National Security
Authority and the Air Carriers

Overview

- **WHO** are Komerccentrs DATI grupa
- **WHAT** is PNR and **WHERE** it is used
- **HOW** we **CREATED** PNR in Latvia
- **SECURITY AUTHORITY** challenges
- **AIRLINE** challenges

Who are Komerccentrs

- IT company **SINCE 1993**
- Compliant to **ISO 9001:2015**
- **NATO SECRET** security clearance
- Commercial license for **MILITARY PRODUCTS** (ML15 and ML21)

Some of our Projects

**NAGSMA/Airbus
Defence and Space**

NATO Alliance Ground Surveillance

**National Armed
Forces**

AIS (Automatic Identification System) base stations - Delivery & installation

State Border Guard

Border Surveillance Information System -
Development & Implementation

Ministry of Interior

PNR (Passenger Name Record) Solution -
Development & Implementation

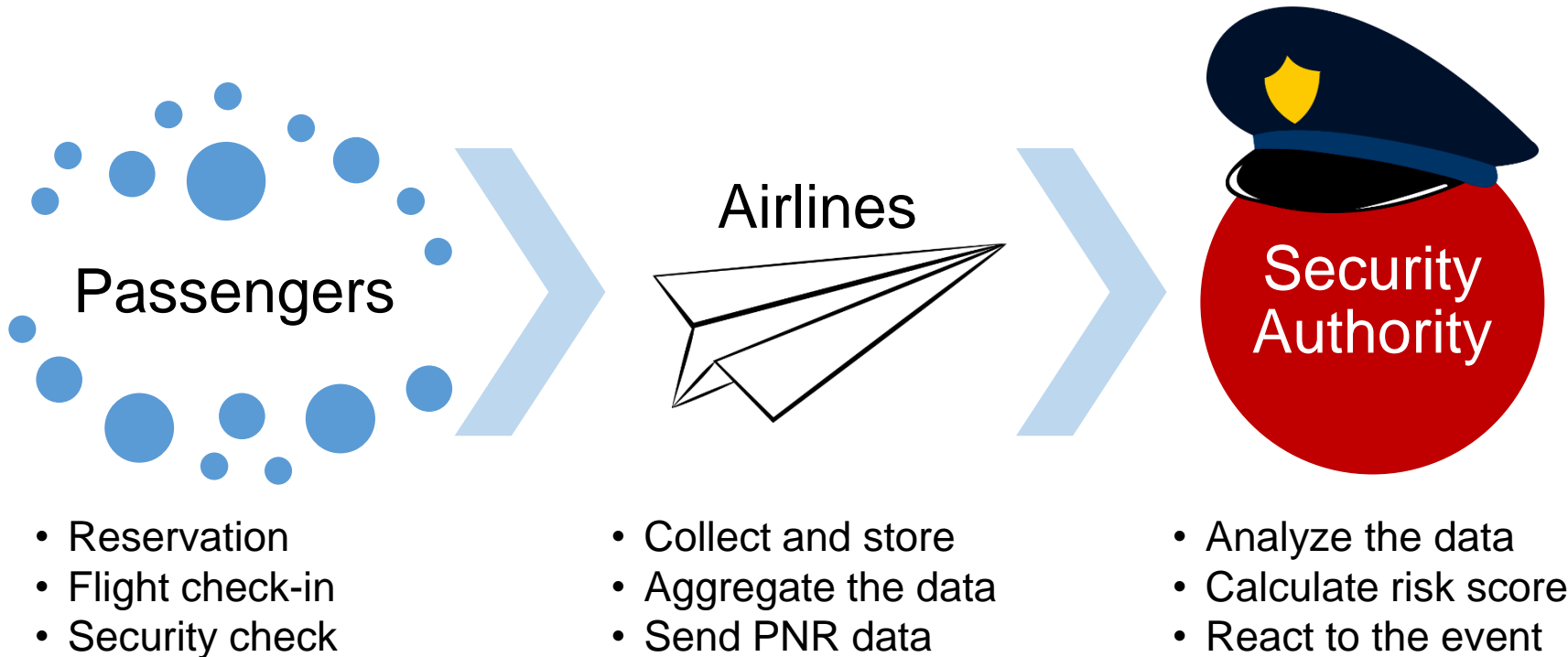
Some of our Services

- **SOFTWARE** development
- System **INTEGRATION**
- **INFRASTRUCTURE** management and **SECURITY**
 - Networking
 - Servers
 - Storage
- **CLOUD** solutions
- **VIDEO** Surveillance
- Electronic **COMMUNICATION SERVICES**

Our Partners



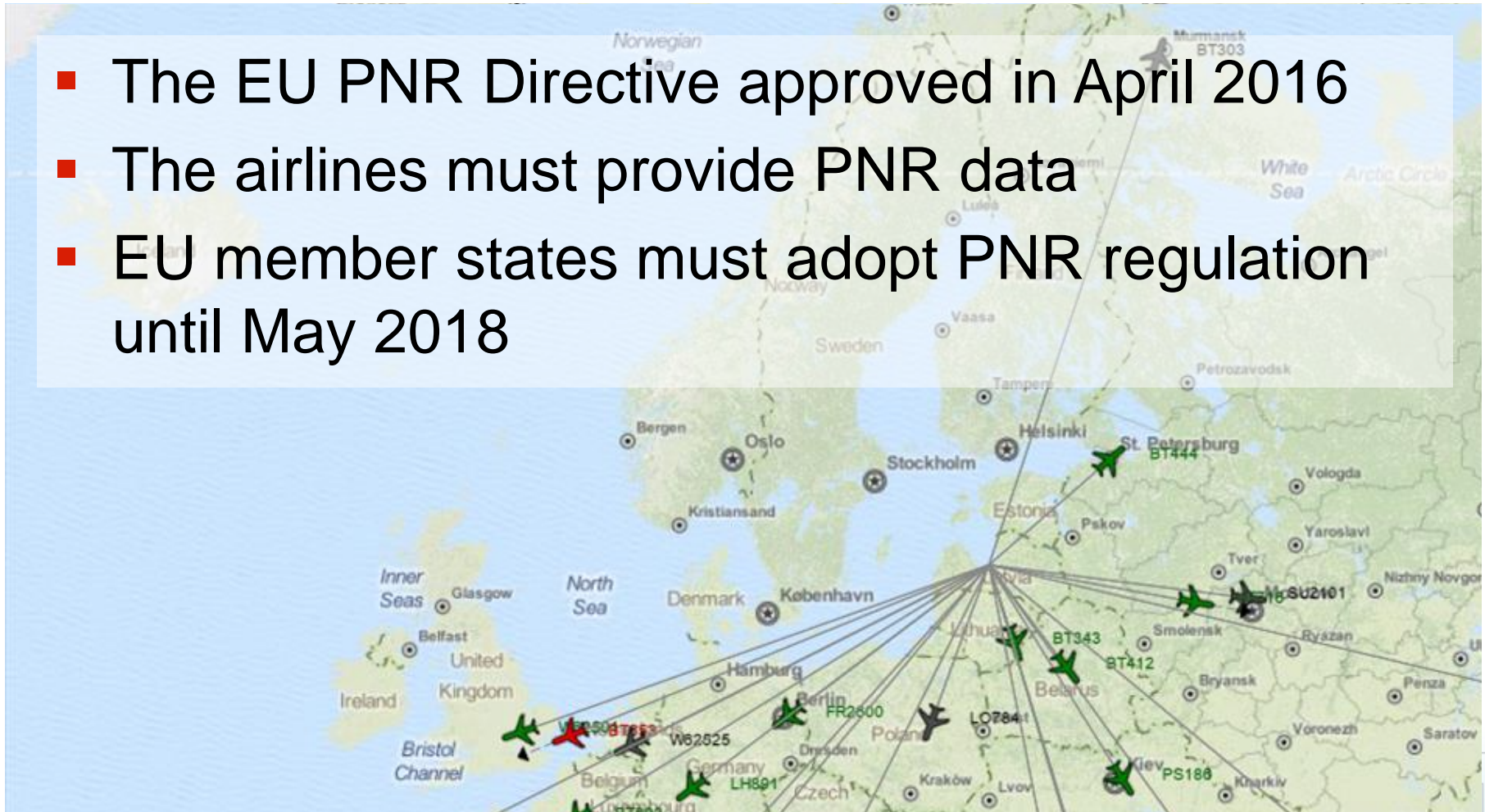
What is PNR





PNR in the EU

- The EU PNR Directive approved in April 2016
- The airlines must provide PNR data
- EU member states must adopt PNR regulation until May 2018



PNR Latvia Project

- Contract for **9 MONTHS**: July 2015 - April 2016
- Project was co-funded by the **EU**
- Changes in **LEGISLATION** expected
- Changes in **BUSINESS PROCESSES** expected

PNR Latvia is Still Compliant

- Development performed July 2015 to April 2016, and we are **STILL** fully **COMPLIANT** in 2017
- PNR regulations approved **AFTER DELIVERY**:
 - January 2017 (**9 MONTHS** later) **LATVIAN** law
 - April 2016 (**AFTER DELIVERY**) the **EU** directive

Development Challenges

- **AGILE** software development chosen
 - **DESIGN** of the software **ARCHITECTURE**
 - Software **DEVELOPMENT** and implementation
 - **INTEGRATION** with external systems
 - Documentation and user **TRAINING**
- **CUSTOMER'S** involvement during the project
- Short **TIME** for developers and the customer

Security Authority Challenges

- National **LEGISLATION** changes
- Establishing of the passenger information **UNIT**
- PNR **SOFTWARE** implementation
- Interconnection with **MULTIPLE AIRLINES**

Airline Challenges

- Collect the data and **PREPARE** PNR messages
- Interfaces with **MULTIPLE** PNR systems
- Different **REGULATIONS** in multiple countries
- Different **DATA SETS** must be distributed
- Different **FORMATS** must be supported

Thank You!

