

EXTENDED PARTNERSHIP

Based on the unprecedented success of the technical and operational cooperation, the partners have decided to extend the scope of the alliance to partnership on SESAR 2020. The COOPANS Alliance partners decided to participate collectively in SESAR Joint Undertaking from 2015. SESAR Joint Undertaking is a private-public partnership under EU's research program, SESAR, for developing the next generation of European Air Traffic Management.

Furthermore, in the future the COOPANS Alliance will cover research and innovation as well as system development and partnership on the education of technical and operational personnel.

The COOPANS Alliance is a member of A6.

COOPANS MILESTONES

- April 3, 2006: COOPANS Alliance was established to upgrade and standardise the partners ATM systems into a single unified ATM system that uses common software and entails harmonised maintenance processes and operational concepts. COOPANS thereby enables the partners to cut their development costs through continuous and synchronic upgrading of the ATM system.
- 2011/2012: The first system upgrade (Build 1) was rolled out in Dublin, Shannon, Malmö and Copenhagen in 2011/2012.
- 2014: All seven control centres in five countries were upgraded to Build 2.4. Since then, the centers have been upgraded continuously and synchronously with new builds. Forthcoming upgrades will also be implemented simultaneously. All upgrades have been rolled out without any problems or delays for our customers.
- 2015: The COOPANS Alliance becomes a member of A6.



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COOPANS

REAL COOPERATION
REAL RESULTS




REAL COOPERATION REAL RESULTS


COOPANS is an international partnership between the air navigation service providers of Austria (Austro Control), Croatia (Croatia Control), Denmark (NaviAir), Ireland (Irish Aviation Authority) and Sweden (LFV). Thales is a chosen supplier (industry partner) for COOPANS.



Membership



Chosen Industry Supplier



The COOPANS partners operate a world class, safe and cost-effective ATM system. COOPANS has adopted a common managerial approach, whereby the five ANSPs act as one organisation, together with Thales, with a focus on common success.

The harmonisation of functionalities and joint investments enable the implementation of an advanced and unified air traffic management system. COOPANS has structured the development and deployment process around joint activities such as common specification, operational documentation, validation, training materials and generic safety cases.

COOPANS is the leading example for cooperation and harmonisation in Europe.



Co-financed by the European Union
Connecting Europe Facility

OUR BUSINESS CONCEPT

The COOPANS Alliance capitalises on joint, innovative and harmonised system development between COOPANS Alliance members through industry partnership, and positively influencing the European environment to operate a world class, safe and cost-effective ATM system, delivering an efficient service to customers.



KEY ACHIEVEMENTS

Partnership

Leading example in Europe of an industrial partnership.

Stable and world class ATM system

Delivers cost efficiency, safety, capacity and environmental performance benefits.

Value for money

Minimises costs to users.

Harmonised software

Same software build at all 7 ACCs across 5 ANSPs.

THE COOPANS APPROACH

Industrial partnership: COOPANS partners operate a world class, safe and cost-effective ATM system and it is the leading example of an industrial partnership in Europe.

ANSPs 'act as one': COOPANS has adopted a common managerial approach, whereby the five ANSPs act as one organisation together with Thales with a focus on common success.

Continuous system upgrades - Avoid big-bang to minimise risks: COOPANS has adopted an approach of continuous system upgrades to reduce risks and to avoid peaks in capital expenditure programmes.

Common platform and harmonised deployment: COOPANS has now implemented the same software build at all seven Area Control Centres (ACC), across the five ANSP members. The harmonisation of functionalities and joint investments enable the implementation of an advanced and unified air traffic management system. COOPANS has structured the development and deployment process around joint activities such as common specification, operational documentation, validation, training materials and generic safety cases.

Leading edge technology: The COOPANS ATM system uses leading edge technology. All partners are now running CPDLC and MTCN safety nets, have the same integration platform and undertake common validation and planning. The system fulfils the operational needs of the ANSPs, including significantly increasing capacity and the ability to handle increases in traffic without any delays. Controllers are working on a very stable basis, with the COOPANS system functioning consistently well.

Lower cost - deliver value for money by sharing costs: The COOPANS system minimises costs to its customers (airspace users) by keeping system costs down and saving ANSPs time. The common platform significantly reduces the integration and deployment costs. A 2012 Value for Money (VfM) study concluded that the COOPANS business model typically achieves 30% development costs savings compared to a standalone model.

Meeting SES requirements: The roadmap for COOPANS ensures that the ANSPs meet all Single European Sky requirements.