

Remote Aerodrome ATS EASA Perspective

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ICAO EMERGING SURVEILLANCE TECHNOLOGIES SYMPOSIUM

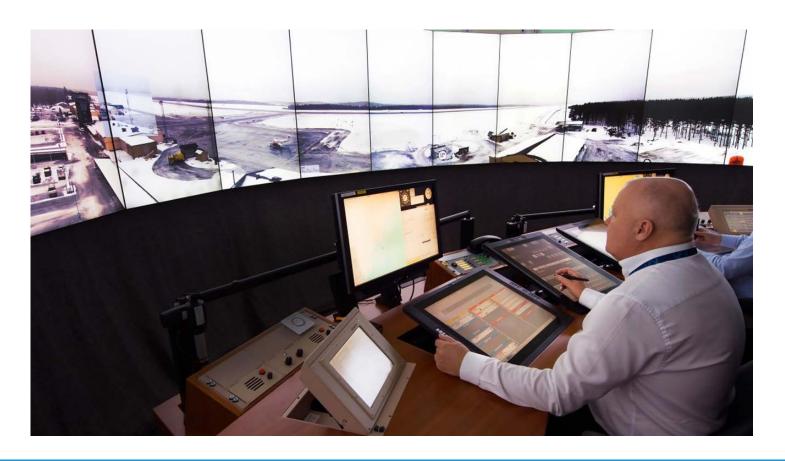
European Examples

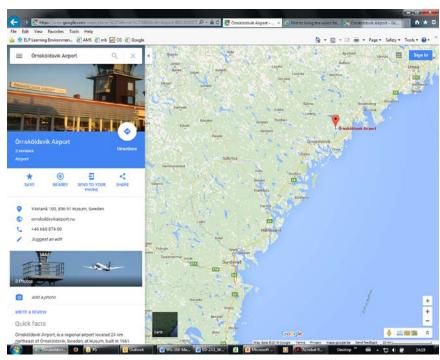
- Sweden Approval given for 4 operations (single mode)
- Norway Approval given for single operation
- Hungary For contingency purposes
- Germany Approval given for single operation
- UK approval for single operation





Sundsvall RTM – Oernskoeldsvik a/p



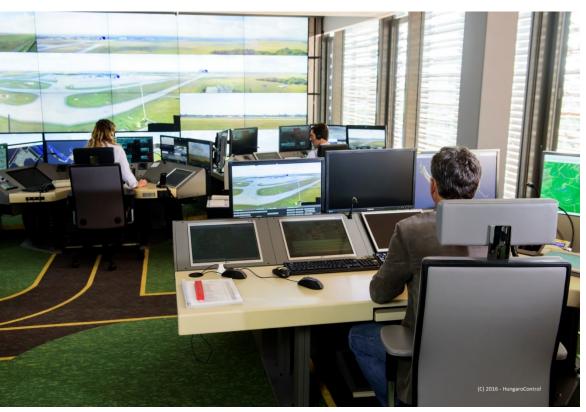






LHBP - HungaroControl









DFS/Frequentis Remote Tower Centre in Leipzig





SESAR

- Single Remote Tower
 - Concept, OSED, Solution #71/Release 3
 - Initial implementation in 2014
 - Örnsköldsvik, controlled remotely from Sundsvall centre over 150 km away
- Multiple remote tower
 - PJ.05 project
 - Still ongoing validation simulations running



ICAO

- Recognition of the concept in PANS-ATM
 - Mentioning the EASA Guidance Material Issue 1.
- Global Air Navigation Plan
 - B1-RATS: Remotely operated aerodrome control
 - Maturity level: Standardization
 - EASA GM on remote aerodrome air traffic services



EASA Guidance Material Timeline

EASA RMT.0624 Technical requirements for the provision of remote aerodrome ATS

- **2015**: ED Decision 2015/014/R
- **2019**: ED Decision 2019/004/R
 - Explanatory Notes
 - Annex I GM on remote aerodrome air traffic services
 - Annex II AMC & GM to Part ATCO (Regulation (EU) 2015/340)
- **2020 2023**: Third RMT.0624 iteration ongoing
 - RMG.0624 work done, NPA published
 - Public consultation closed, Issue 3 of the GM to be published in Q1/2023
 - Support to authorities, ANSPs, manufacturers, social parties



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Why Soft Law – Guidance?

- Remote Aerodrome ATS is still ATS
 - No change in service provision (aerodrome ATS)
 - Existing regulatory framework (ICAO and EU) applies
 - Provisions related to the assessment of changes to functional systems and to their oversight are included in the Basic Regulation and in the ATM/ANS Common Requirements Regulation – AMC/GM on these also available
- Regulatory support in the application of existing Rules: Guidance Material





THANK YOU



