SESAR Solutions Portal

Triona Keaveney

SESAR JU

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daa

#SESAR

SESAR Solutions

- **Operational** and **technological improvements** that **meet the needs** of ATM stakeholders for today and tomorrow

- Released following a **rigorous validation** process, **proving their merit for industrialisation**.

FROM INNOVATION TO SOLUTION

Solution Packs

- **15 Solution Packs** (Release 1-3)
- **Extensive documentation** on each solution:
  - ✓ Contextual note
  - ✓ Operational and performance requirements
  - ✓ Validation reports
  - ✓ Technical and interoperability specifications
  - ✓ Regulatory recommendations
  - ✓ Additional supporting information
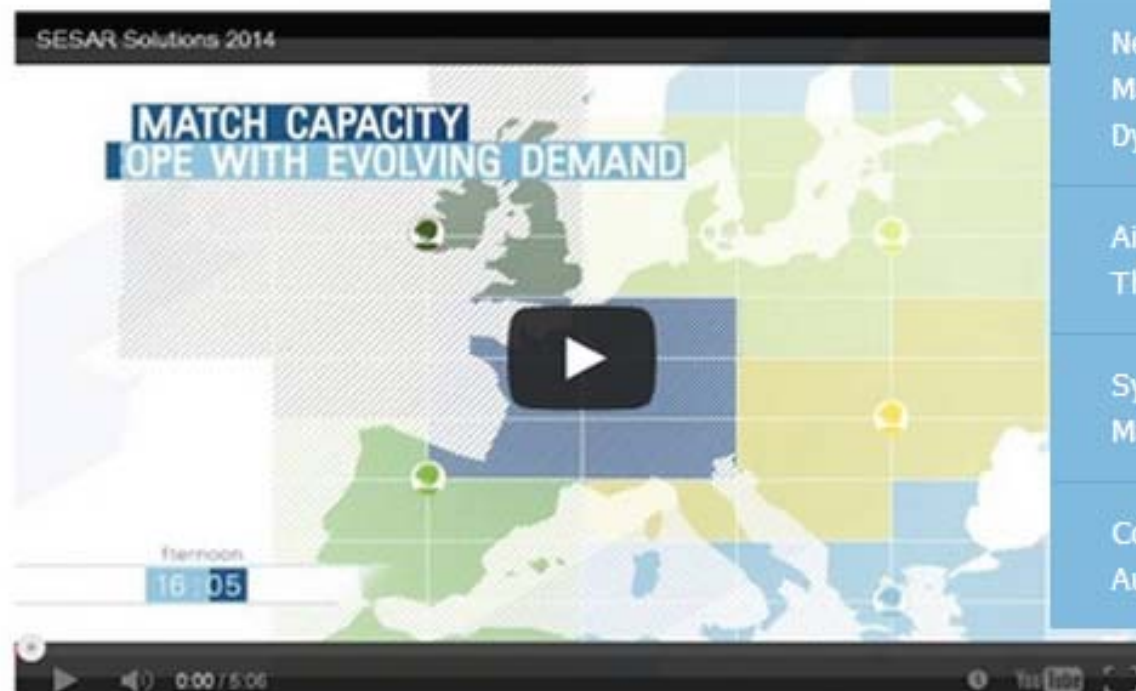- **Open access**, upon accepting terms and conditions

FROM INNOVATION TO SOLUTION

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SESAR SOLUTIONS

Solutions are operational and technological improvements d... contribute to the modernisation of the European and global AT...

Through the SESAR Release process, solutions are systematica... conclusive and sufficient proof to support a decision for their in...

Since 2011, SESAR has been performing these validation exer... will be developed and validated between now and 2016.

Meeting business needs

Solutions demonstrate clear business benefits for the ATM sec... this in mind, six key areas have been identified where SESA... more.

MOVING FROM AIRSPACE TO 4D TRAJECTORY MANAGEMENT	TRAFFIC SYNCHRONISATION	NETWORK COLLABORATIVE MANAGEMENT AND DYNAMIC/CAPACITY	AIRPORT INTEGRATION AND THROUGHPUT

SYSTEM WIDE INFORMATION MANAGEMENT	CONFLICT MANAGEMENT AND AUTOMATION

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SESAR
JOINT UNDERTAKING

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AIRPORT INTEGRATION AND THROUGHPUT

'Airport Integration and Throughput aims at achieving a full integration of airports into the ATM network, ensuring a seamless process through Collaborative Decision Making. Airports will contribute to achieving SESAR performance goals through the increase of runway throughput and improved surface movement management.

REMOTE TOWER FOR SINGLE AIRPORT

TIME BASED SEPARATION

CWP AIRPORT - LOW COST AND SIMPLE DEPARTURE DATA ENTRY PANEL

REMOTE TOWER FOR SINGLE AIRPORT

FROM INNOVATION TO SOLUTION

REMOTE TOWER FOR SINGLE AIRPORT

The Remote Tower concept enables Air Traffic Control services (ATS) and Aerodrome Flight Information Services (AFIS) to be provided at aerodromes where such services are either currently unavailable, or where it is difficult or too expensive to implement and staff a conventional manned facility.

▼ Remote tower for single airport

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SESAR SOLUTIONS EXPLAINED

DOWNLOAD SOLUTION PACK

Click here to download the solution pack for Remote tower for single airport

VALIDATION MAP

Click here for an overview of SESAR validation activities

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Questions and Answers