



PJ17 SWIM Technical Infrastructure Open Day

WELCOME



17-02-2020



Today Agenda

 SWIM OPEN DAY 17th – 18th February, 2020 Leonardo S.p.A., via Tiburtina Rome , Italy SESAR JOINT UNDERTAKING			
Day 1			
#	Time	Topic	Notes
1	14:30 – 14:45	Welcome	Dario Di Crescenzo (Leonardo)
2	14:45 – 15:00	PJ17 scope and roadmap	Presenter: Dario Di Crescenzo (Leonardo)
3	15:00 – 15:30	PJ.17-01 scope, results and recommendation.	Presenter: Antonio Strano (Leonardo)
	15:30 – 15:45	Coffee break	
4	15:45 – 16:15	(cont'd) PJ.17-01 scope, results and recommendation.	Presenter: Antonio Strano (Leonardo)
5	16:15 – 17:15	PJ.17-03 scope, results and recommendation.	Presenter: Gerard Picon (Thales LAS France SAS)
6	17:15 – 17:30	Day 1 Wrap-up	Dario Di Crescenzo (Leonardo)



Today Agenda

Day 2			
#	Time	Topic	Notes
7	10:00 – 10:45	PJ.17 Cyber security activities overview and feedback.	Presenter: Laurent VINCENT (Airbus CyberSecurity)
	10:45 – 11:00	Coffee break	
8	11:00 – 11:45	SWIM in Wave 2 & Wave 3	Presenter: Ruben Flohr (SJU)
9	11:45 – 12:30	European SWIM standardisation and deployment status and planning	Presenters: Dennis Hart (Eurocontrol) and Magnus Molbaek (SDM).
10	12:30 – 12:45	Wrap-up	Dario Di Crescenzo (Leonardo)
	12:45 – 13:45	Lunch	



Leonardo: SWIMming in our history

- SWIM-SUIT FP6 Project - 2006-2009 – 12M€ EC funded project, 17 Partners
 - Leonardo (former Selex ES) leading the consortium
 - Swim-Box (pre-SESAR) as main concrete project outcome
 - Project recognized as main baseline for SESAR SWIM
- SESAR WP14 (SWIM Technical Infrastructure) – 2009 - 2016
 - Overall WP Technical Leadership
 - Technical Leadership on Specification (and Design) – SWIM Profiles Technical Specifications
- SESAR SWIM Demonstrations - 2011 - 2016
 - Major contribution to ALL SESAR SWIM Demonstrations
 - Mini-Global II (FAA – 2016)
 - SWIM Global Demo (Technical Coordination – SESAR – 2016)



Our Awards (on SWIM)

- SWIM Master Class 2013
 - 3rd Prize Winner on Best ATM Service category
 - 3rd Prize Winner on Best SWIM Enabled Application category
- SWIM Master Class 2014
 - 1st prize Winner on Best SWIM Technical Infrastructure category
- SESAR Projects Awards 2016
 - Project 14.01.04 (led by Leonardo): SESAR Best In Class Award



SWIM Master Class Ceremony



SESAR Projects Awards Ceremony



**First prize for
SWIM Technical
Infrastructure category**



...And still SWIMming

- SESAR2020 «Wave1» (2017 – 2019)
 - SWIM-TI Purple Profile for Air/Ground Advisory Information Sharing (Leadership)
- EUROCONTROL Standards
 - EUROCONTROL Specification for SWIM Service Description
 - EUROCONTROL Specification for SWIM Information Definition
 - EUROCONTROL Specification for SWIM Technical Infrastructure (TI) Yellow Profile
- EUROCAE WG-104
 - ED-254 ARRIVAL SEQUENCE SERVICE PERFORMANCE STANDARD
- Participation in SWIM CoI (Community of Interest) for the maintenance/evolution of EUROCONTROL SWIM Standards
- SESAR2020 «Wave2» (2020– 2022)
 - SWIM-TI Purple Profile for Air/Ground Safety Critical Information Sharing



THANK **YOU**
FOR YOUR ATTENTION

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