

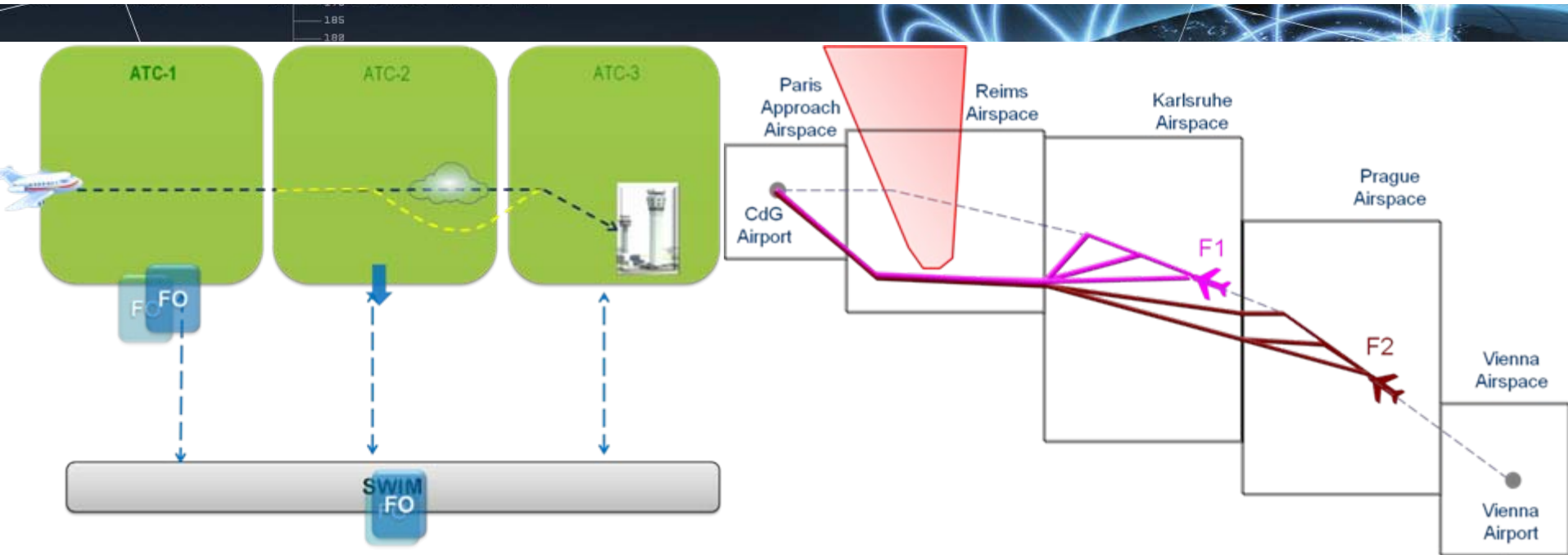


SWIM Master Class

June - October 2012

Introduction to Showcases

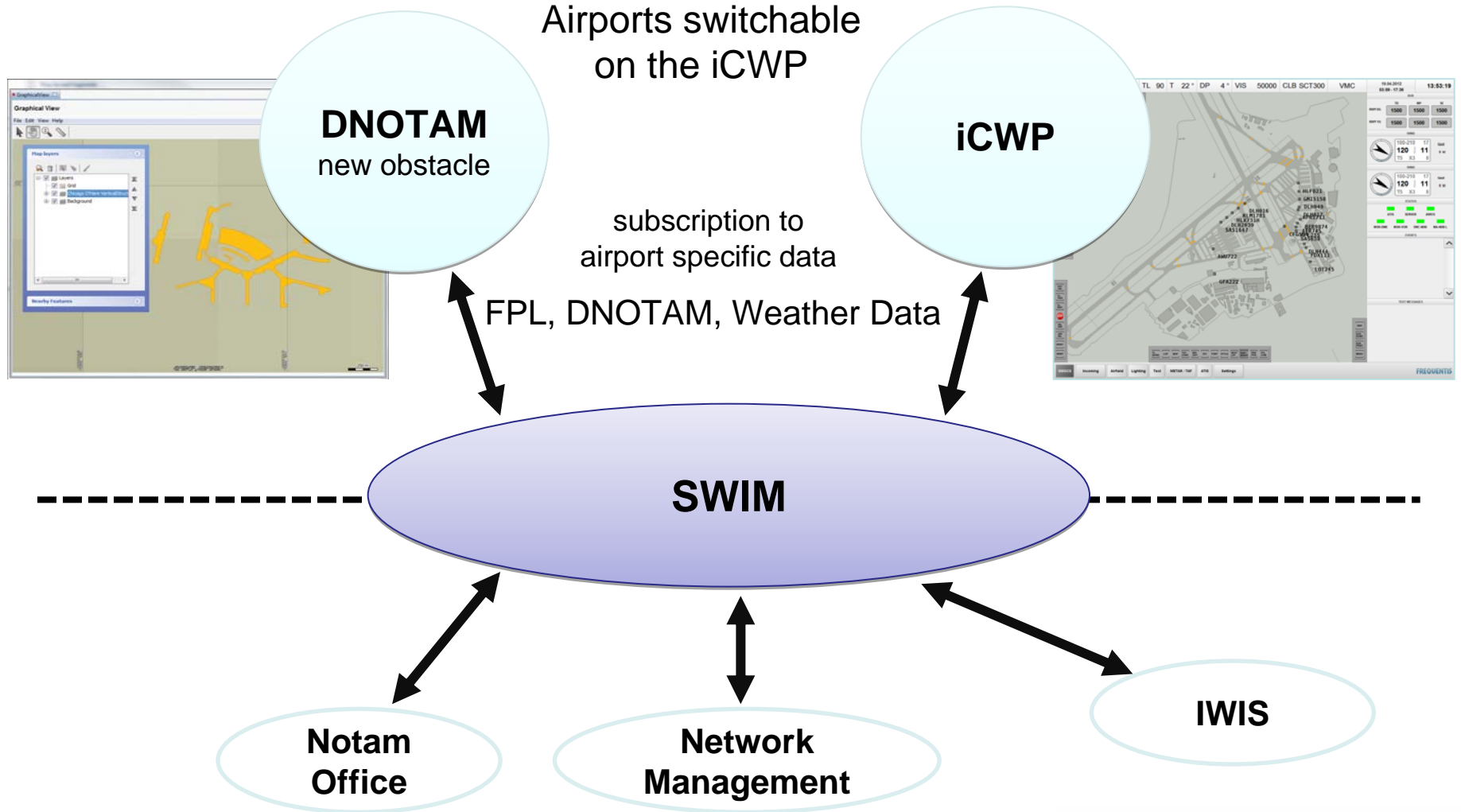
ATC-to-ATC Profile Scenarios



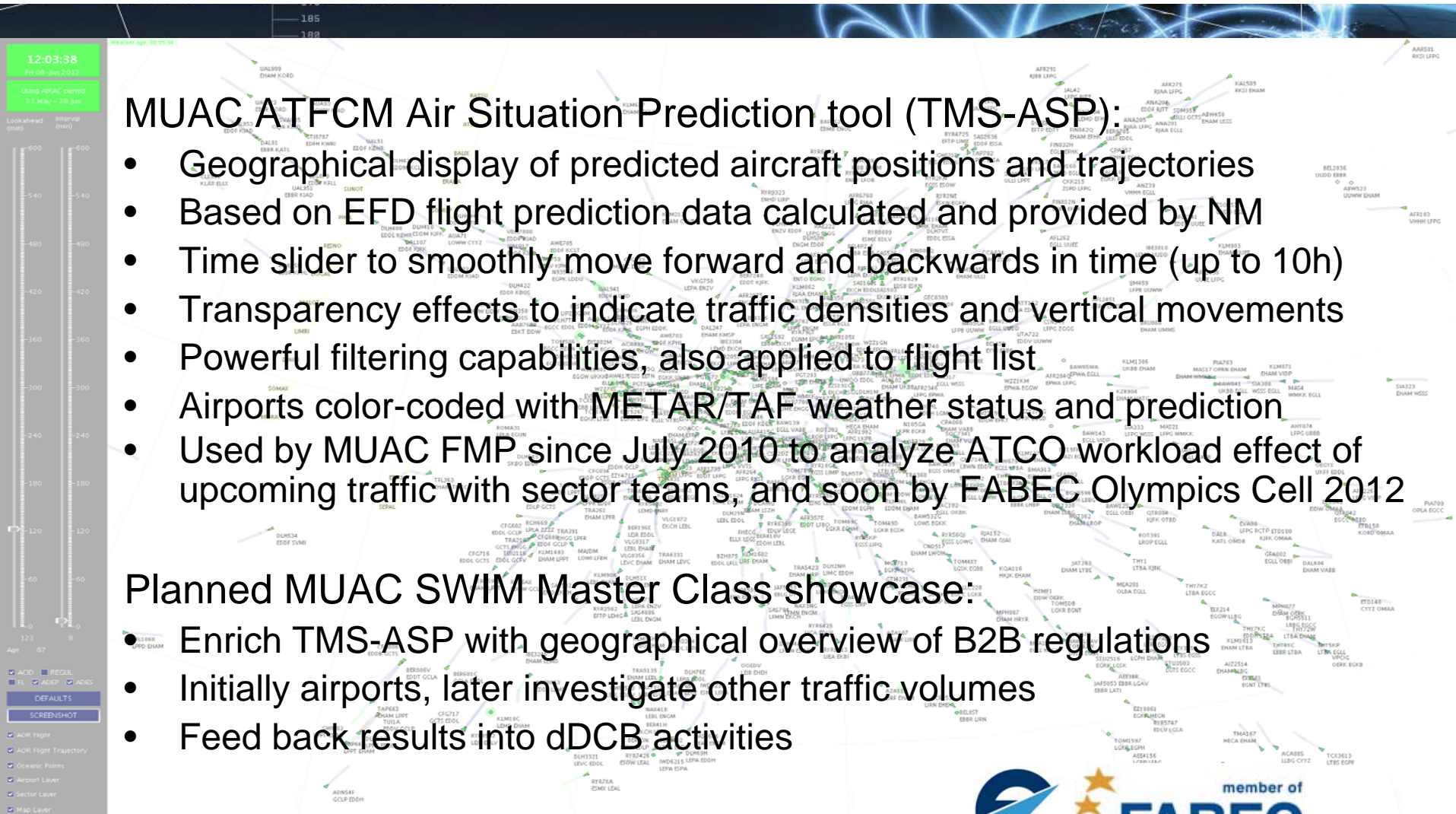
Educational show case on the handling of an airspace closure using both current systems and procedure and a SWIM-based information sharing.

Live demonstrations on the sharing of Flight Objects between ATC centers and interoperability between the SWIM's ATC2ATC and EAD profiles.

DNOTAM / iCWP Scenario



MUAC ATFCM Air Situation Prediction tool



ASM Support to NM through SWIM

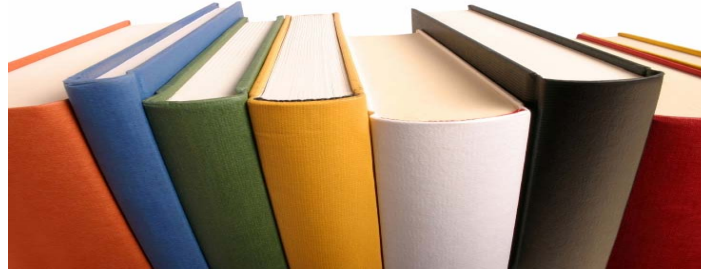
LARA (Local And sub-Regional Airspace Management Support System) is a EUROCONTROL software package provided free of charge to stakeholders to support and enhance the airspace management process. It provides real-time exchange of airspace management data between involved actors enabling collaborative decision making and an enhanced situational awareness throughout the airspace management process.

LARA SWIM Master Class showcase:

- Exchange and validate static airspace data via B2B and AIXM 5.1
- Provide dynamic airspace management data to the network and its users, encompassing the planning phase and real-time activation phase of the airspace management process

B2B Reference Manuals

Technical Discussions



The extract from the B2B Reference Manuals

- how to access
- high level service descriptions
- XSD's
- examples that we produce and publish

We will be available to answer to technical questions that participants might have and discuss with them about the content above.

SWIM JUMPSTART

How far can you get in 3 days?

Using :

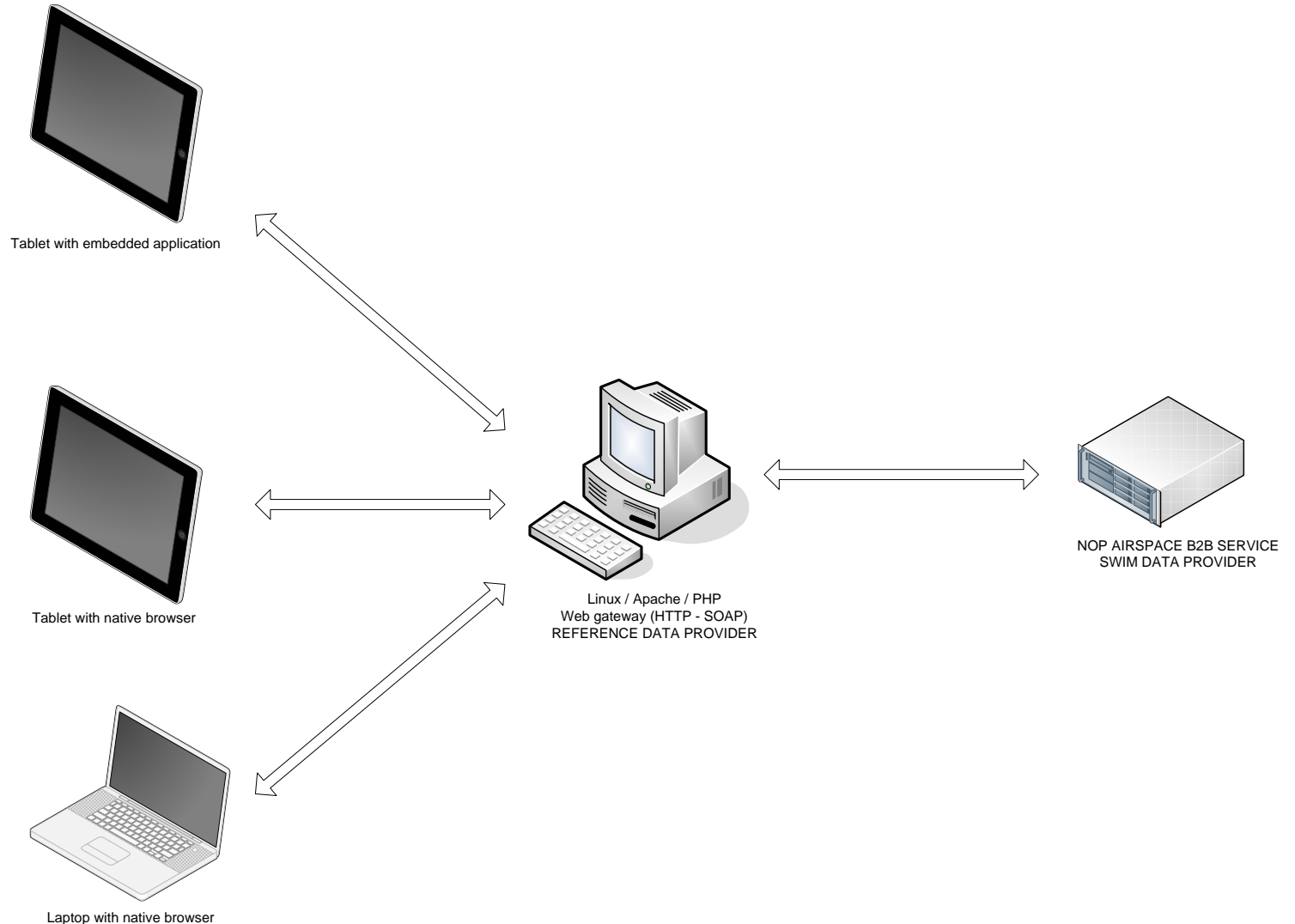
- AIXM 5.1 for airports and points
- Web services WS-SOAP
- Transport Level : Mutual Authentication
- Only Free Tools ...
- ... from Microsoft : .NET 4.0, WPF, WCF, Bing Maps



Result

- Clearing of challenges and discovery
- Visualisation of airports and points
- Successful access to NM B2B web services

Mobile B2B Web Services



SWIM Registry Concept (SESAR)



Information Exchange



Information Services

Interoperability



Information Standards

Trust



Certification, Policies

Consolidated view and collaborative governance!!

SWIM Registry



Service related artifacts information, their evolution, and dependencies



SWIM ConOps

! Remark



Clarifying

Setting Showcases

