



# ITY-FMTP — Common Flight Message Transfer Protocol (FMTP)

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This SES-related implementation objective is derived from Regulation (EC) No 633/2007 of 7 June 2007 laying down requirements for the application of a flight message transfer protocol (FMTP) for information exchanges between flight data processing systems for the purpose of notification, coordination and transfer of flights between air traffic control units and for the purposes of civil-military coordination, in accordance with Regulation (EC) No 1032/2006 [Ref. Article 1(1)].

Regulation (EC) No 633/2007 applies to [Ref. Article 1(2)]:

- a) Communication systems supporting the coordination procedures between air traffic control units using a peer-to-peer communication mechanism and providing services to general air traffic;
- b) Communication systems supporting the coordination procedures between air traffic services units and controlling military units, using a peer-to-peer communication mechanism and providing services to general air traffic.

The terms used in this objective are defined in Article 2 of Regulation (EC) No 549/2004, complemented by Article 2 of Regulation (EC) No 633/2007.

This implementation objective has been amended in order to introduce the new optional conditional transitional arrangements defined in Regulation (EU) No 283/2011 of 22 March 2011.

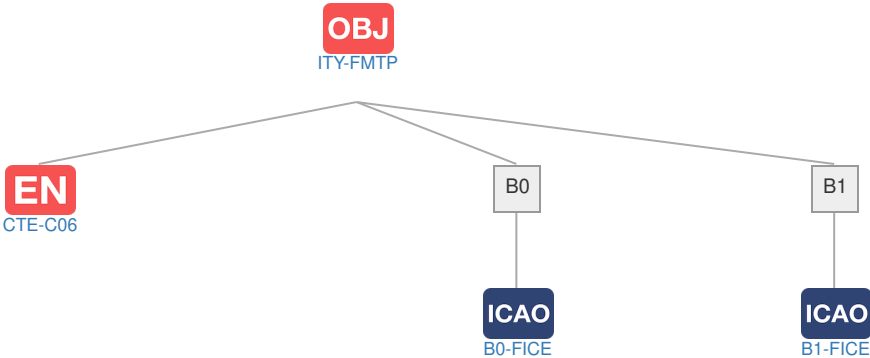
*NOTE: This SES-related implementation objective does not replace the EC legislation. It aims at facilitating the monitoring and reporting of the implementation of a common flight message transfer protocol in European ATM in line with the EC regulations and through the SES implementation monitoring and reporting mechanism.*

*NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.*

Edition	2022
Stakeholders	Air Navigation Service Provider / Military
Type	SES
Scope	ECAC+
Status	Active

## Context

### Related Elements



## Applicability Area(s) and Timescales

**Applicability Area:** All ECAC+ States

Timescales	From	By	Applicable to
Entry into force of regulation	28-06-2007	-	Applicability Area
All EATMN systems put into service after 01/01/09	01-01-2009	-	Applicability Area
All EATMN systems in operation by 20/04/11	-	20-04-2011	Applicability Area
Transitional arrangements	-	31-12-2012	Applicability Area
Transitional arrangements when bilaterally agreed between ANSPs	-	31-12-2014	Applicability Area

## Links to ATM Master Plan Level 2

### **EN** Enablers

Code	Title	IOC	Related Elements
CTE-C06	Ground ATM Data communication Network	31-12-2010	<b>OI</b> <b>OBJ</b> <b>DS</b>

### **SOL** Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

### **PCP** Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

### **ICAO** ICAO Block Modules

Designator	Title	Related Elements
B0		
B0-FICE	Increased Interoperability, Efficiency and Capacity through Ground-Ground Integration	<b>SOL</b> <b>OI</b> <b>OBJ</b>
B1		
B1-FICE	Increased Interoperability, Efficiency and Capacity through FF-ICE, STEP 1 application before departure	<b>SOL</b> <b>OI</b> <b>OBJ</b> <b>PCP</b>

## References

### Applicable legislation

- Regulation (EU) No 283/2011 of 23 March 2011 amending Regulation (EC) No 633/2007 as regards the transitional arrangements referred to in Article 7;
- Regulation (EC) No 633/2007 of 26 June 2007;
- Regulation (EU) N° 1034/2011 of 17 October 2011 on safety oversight in air traffic management and air navigation services and amending Regulation (EU) N° 691/2010 18-10-2011

### Applicable ICAO Annexes and other references

Covers ICAO Global Plan Initiative GP-22;  
ICAO Doc. 9896; Manual for the ATN using IPS Standards and Protocols; Edition 1.0/2010  
EUROCONTROL Integration Test Plan Edition 1.0, 06/2005  
ETIC Test tool Edition 3.2.2, 10/2008

### Deployment Programme 2022

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### Operating Environments

Airport  
Terminal Airspace  
En-Route  
Network

## Expected Performance Benefits

<b>Safety</b>	-
<b>Capacity</b>	-
<b>Operational efficiency</b>	-
<b>Cost efficiency</b>	More cost efficient as X.25 maintenance costs are increasing while TCP/IP costs are lower.
<b>Environment</b>	-
<b>Security</b>	-

## Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Upgrade and put into service communication systems to support information exchange via FMTP between FDPS(s) for the purpose of notification, coordination and transfer of the flights between ATC units		20-04-2011 31-12-2012 31-12-2014	
ASP02	Develop safety assessment for the changes		20-04-2011 31-12-2012 31-12-2014	
ASP03	Train technical staff		20-04-2011 31-12-2012 31-12-2014	
MIL01	Upgrade and put into service communication systems to support information exchange via FMTP between FDPS(s) for the purpose of notification, coordination, transfer of the flights and civil-military coordination between ATS units and controlling military units		20-04-2011 31-12-2012 31-12-2014	

## Supporting Material

Title	Related SLoAs
EC - COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 - (OJ L 62, 8.03.2017, p. 1) - COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011 03/2017 <a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R0373&amp;from=EN">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R0373&amp;from=EN</a>	ASP02
EUROCONTROL - Air Navigation Systems Safety Assessment Methodology (SAM) - Version 2.1 / 11/2006 <a href="https://www.eurocontrol.int/tool/safety-assessment-methodology">https://www.eurocontrol.int/tool/safety-assessment-methodology</a>	ASP02
EUROCONTROL - EAM 4 - ESARR 4 - Risk Assessment and Mitigation in ATM - Edition 1.0 / 04/2001 <a href="https://www.eurocontrol.int/publication/esarr-4-risk-assessment-and-mitigation-atm">https://www.eurocontrol.int/publication/esarr-4-risk-assessment-and-mitigation-atm</a>	ASP02
EUROCONTROL - EUROCONTROL Inter Centre Test Tool (ETIC) - Version 3.2.2. / 08/2012 -	ASP01
EUROCONTROL - Guidelines for Implementation Support (EGIS) Part 5 Communication & Navigation Specifications Chapter 13 Flight Message Transfer Protocol (FMTP) - Edition 2.0 / 12/2008 <a href="https://www.eurocontrol.int/publication/eurocontrol-guidelines-implementation-support-egis-flight-message-transfer-protocol">https://www.eurocontrol.int/publication/eurocontrol-guidelines-implementation-support-egis-flight-message-transfer-protocol</a>	ASP01, ASP02, ASP03
EUROCONTROL - SPEC-100 - EUROCONTROL Specification of Interoperability and Performance Requirements for the Flight Message Transfer Protocol (FMTP) - Edition 2.0 / 06/2007 <a href="https://www.eurocontrol.int/publication/eurocontrol-specification-interoperability-and-performance-requirements-flight-message">https://www.eurocontrol.int/publication/eurocontrol-specification-interoperability-and-performance-requirements-flight-message</a>	ASP01, ASP02, ASP03

## Consultation & Approval

<b>Working Arrangement in charge</b>	CNS / COM SG
<b>Outline description approved in</b>	-
<b>Latest objective review at expert level</b>	10/2008
<b>Commitment Decision Body</b>	Provisional Council (PC)
<b>Objective approved/endorsed in</b>	07/2009
<b>Latest change to objective approved/endorsed in</b>	07/2014