



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

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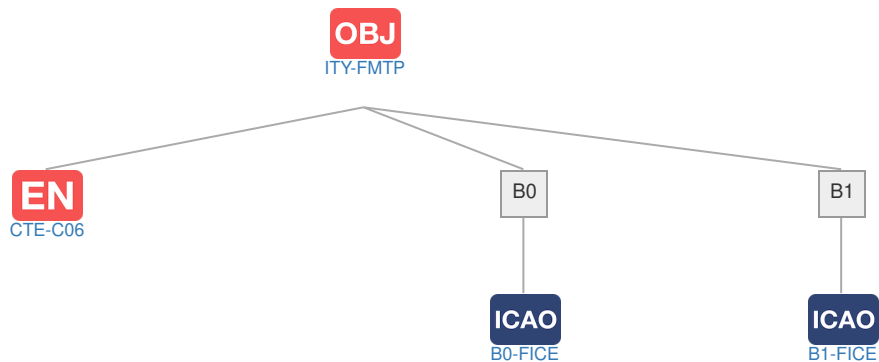
This SES-related implementation objective does not replace the EC legislation. It aims at facilitating the monitoring and reporting of the implementation of a common flight message transfer protocol in European ATM in line with the EC regulations and through the SES implementation monitoring and reporting 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	2019
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	OI OBJ DS

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	SOL OI OBJ
B1		
B1-FICE	Increased Interoperability, Efficiency and Capacity through FF-ICE, STEP 1 application before departure	SOL OI OBJ PCP

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 2019

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Operating Environments

Airport
 Terminal Airspace
 En-Route
 Network

Expected Performance Benefits

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

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
REG02	Ensure that the verification of systems has been conducted	DELETED		
REG03	Conduct safety oversight of the changes	DELETED		
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
<p>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</p> <p>https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017R0373&from=EN</p>	ASP02
<p>EUROCONTROL - Air Navigation Systems Safety Assessment Methodology (SAM) - Version 2.1 / 11/2006</p> <p>https://www.eurocontrol.int/tool/safety-assessment-methodology</p>	ASP02
<p>EUROCONTROL - EAM 4 - ESARR 4 - Risk Assessment and Mitigation in ATM - Edition 1.0 / 04/2001</p> <p>https://www.eurocontrol.int/publication/esarr-4-risk-assessment-and-mitigation-atm</p>	ASP02
<p>EUROCONTROL - EUROCONTROL Inter Centre Test Tool (ETIC) - Version 3.2.2. / 08/2012</p> <p>-</p>	ASP01
<p>EUROCONTROL - Guidelines for Implementation Support (EGIS) Part 5 Communication & Navigation Specifications Chapter 13 Flight Message Transfer Protocol (FMTP) - Edition 2.0 / 12/2008</p> <p>https://www.eurocontrol.int/publication/eurocontrol-guidelines-implementation-support-egis-flight-message-transfer-protocol</p>	ASP01, ASP02, ASP03
<p>EUROCONTROL - SPEC 100 - EUROCONTROL Specification of Interoperability and Performance Requirements for the Flight Message Transfer Protocol (FMTP) - Edition 2.0 - OJ 2007/C 188/03 / 06/2007</p> <p>https://www.eurocontrol.int/publication/eurocontrol-specification-interoperability-and-performance-requirements-flight-message</p>	ASP01, ASP02, ASP03

Consultation & Approval

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