



CM-0210-b — Ground Based Flight Conformance Monitoring in En-Route using aircraft Data

The system provides the En-Route controller with warnings if aircraft behavior or aircraft intent deviate from the flight intent (iRB/MT) in ground system.

Rationale The objective of this automation is to assist the En-route controller in maintaining situational awareness and relieving him from some routine tasks. Monitoring aids will be based on enhanced trajectory data (including Aircraft Trajectory Data as defined in ATN B2), aircraft derived data (including ADS-B data as defined in ED-102-A/DO260B) and will have to be adapted to new navigation specifications (e.g. RNP 1...). The relevance and quality of available data will be considered depending on the situation (e.g. open loop clearance).

Forecast V3 end date 30-12-2022

Benefits start date (IOC) 30-12-2029

Full benefits date (FOC) 30-12-2033

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase -

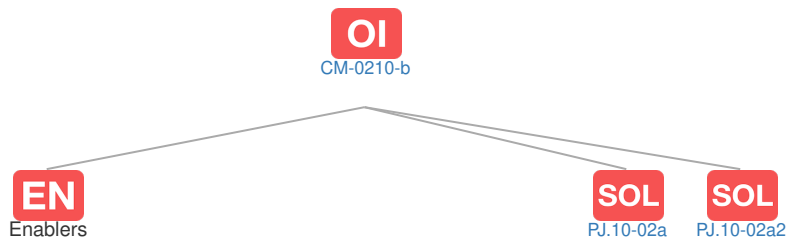
Scope -

Release -

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																										
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
CM-0210-b																											
🔒 A/C-37a			4																								
🔒 A/C-48a																											
🔒 CTE-S03b			4																								
🔒 ER APP ATC 104d																											
➔ ER APP ATC 100																											
➔ ER APP ATC 149a																											
➔ ER APP ATC 160																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0207-A	Advanced Automated Ground Based Flight Conformance Monitoring in En-Route	<div style="display: flex; gap: 5px;"> SOL OI EN OBJ </div> <div style="display: flex; gap: 5px;"> DS ICAO AI </div>

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.10-02a	Improved Performance in the Provision of Separation	SESAR 2020 Wave 1	<div style="display: flex; gap: 5px;"> SOL PJ OI ICAO </div>
PJ.10-02a2	Improved performance in the provision of separation with use of ADS-C/EPP data	SESAR 2020 Wave 1	<div style="display: flex; gap: 5px;"> PJ OI DS EOC </div>

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data