

		SESAR Solution – Nil																		
COM11.1 Voice over Internet Protocol (VoIP) in En-Route																				
Stakeholders	ANSPs	Expected Benefits	Capacity	Operational efficiency	Cost efficiency															
			Safety	Environment	Security															
FOC	31/12/2021	OI Steps / Enablers	CTE-C05a, CTE-C05b																	
Estimated achievement	31/12/2024	CP1 AF & SDP Family	-	-	-															
Status	Late	ICAO ASBU	COMI-B2/1																	
Completion Rate Evolution (%)			Progress among non-Completed Countries																	
Seven States finalized the implementation during 2021, corresponding to an increase in completion of 17 percentage points compared to 2020, i.e. 26% progress .			In most of the remaining States, the progress achieved so far is greater than 50%, giving a strong confidence in positive outlook for the next few years.																	
Status of implementation																				
		<table border="1"> <thead> <tr> <th colspan="3">Overlaps</th> </tr> <tr> <th>Code</th> <th>Full name</th> <th>Progress</th> </tr> </thead> <tbody> <tr> <td>LU</td> <td>Luxembourg</td> <td></td> </tr> <tr> <td>MAS</td> <td>Maastricht UAC</td> <td></td> </tr> <tr> <td>MT</td> <td>Malta</td> <td></td> </tr> </tbody> </table>				Overlaps			Code	Full name	Progress	LU	Luxembourg		MAS	Maastricht UAC		MT	Malta	
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<ul style="list-style-type: none"> • VoIP in en-route environment recorded a strong progress in 2021, with 7 more States declaring completion of the objective. • Despite rather low completion rate achieved so far (26%), the procurement process and technical installation of the new VCS systems has already been finalized in a number of centres. • Significant progress is expected during 2022, with 12 more States expected to finalize implementation according to currently reported plans. • In some cases, full implementation is dependent on the capability of neighbouring centres, while in other the implementation is pending by military. • A number of States indicate delays due to financial constraints caused by COVID-19 pandemic (IL, UK, RO, BA, SI). 																				