



ICAO

DOMAIN: IIM (Infrastructure & Information Management)

Project Team Coordinator: Côte d'Ivoire

COM Project 5: Assessment of AFI Aeronautical Networks Cyber Security

AFI Region	PROJECT DESCRIPTION		DP N° C	
<i>Programme</i>	Title of the Project		Start	End
Assessment of AFI Aeronautical Networks cyber security	<p align="center">Assessment of AFI Aeronautical Networks cyber security</p> <p>Project Team Coordinator: Côte d'Ivoire Project Team Experts: Côte d'Ivoire, Benin, Gambia, Ghana, Kenya, Nigeria, South Africa, ASECNA, IATA</p>			
Objectives	Develop and implement a global security policy for aeronautical information systems to prevent that internal and external threats impact the availability, the reliability, the integrity and the continuity of the AFI aeronautical networks			
Scope	<ul style="list-style-type: none"> ▪ Implement a cyber-security policy over the AFI region, which would assess all issues including the definition of common threats scenarios, training, performances, security studies, audits and controls. ▪ Assess the cyber issues on all systems and networks if the analysis has not yet been made ▪ Implement a systematic process of cyber risk evaluation on all new systems ▪ Assess and prevent internal and external threats impact the availability, the reliability, the integrity and the continuity of the AFI aeronautical networks, including RFI 			
Metrics	The number of security threats with impact on the availability, the reliability, the integrity and the continuity of the AFI aeronautical networks			
Goals	Ensure that the Aeronautical services are provided in compliance with ICAO SARPs			
Strategy	<ul style="list-style-type: none"> ▪ Assess the current aeronautical networks security and diagnostic the potential threats to the safe provision of the air navigation service in the AFI region ▪ Implement a global security policy for a secured operation of the AFI systems and networks ▪ Training and qualification of Technical and operational staff ▪ ICAO and Designated Experts to conduct Technical workshops to support the development of the project 			
Justification	The ASBU modules and the future aeronautical services are based on IP protocols and are can be exposed to cyber attacks			

AFI Region	PROJECT DESCRIPTION	DP N° C	
Programme	Title of the Project	Start	End
Related projects	ATM, AIM, MET related projects Training and qualification of Technical staff		

Project Deliverables	Relationship with the regional performance-Objectives (RPO) and ASBU B0 modules	Responsible Party	Status of Implementation ¹	Date of Delivery	Comments
Resources needed	<ul style="list-style-type: none"> • Experts from States • States to host workshops • Funds 				

¹ Grey Task not started yet
Green Activity being implemented as scheduled
Yellow Activity started with some delay, but will be implemented on time
Red Activity not implemented on time; mitigation measures are required