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International Civil Aviation Organization

**THE FIFTEENTH MEETING OF THE COMMON
AERONAUTICAL VIRTUAL PRIVATE
NETWORK OPERATIONS GROUP (CRV OG/15)**

Mumbai, India, 15-19 June 2026

Agenda Item 9: States/Administrations CRV Implementation

CRV IMPLEMENTATION IN MALAYSIA

(Presented by the Civil Aviation Authority of Malaysia)

SUMMARY

This paper presents the status of CRV implementation between Malaysia and neighboring CRV States.

1. INTRODUCTION

1.1 The Common Aeronautical Virtual Private Network (CRV) services in Malaysia were officially commenced in November 2021. This was followed by the formalization of the CRV Contract Agreement in September 2022 between the PCCWG and the Civil Aviation Authority of Malaysia (CAAM), on behalf of the Government of Malaysia.

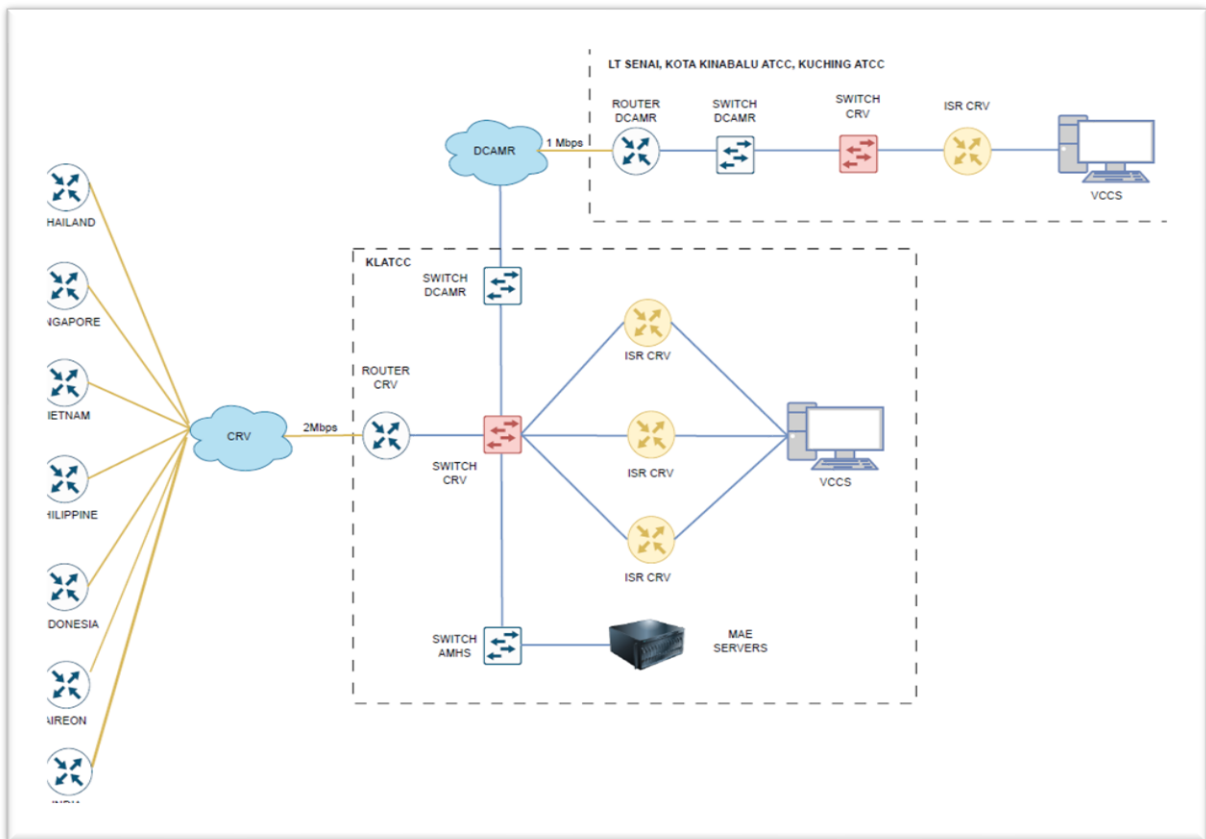
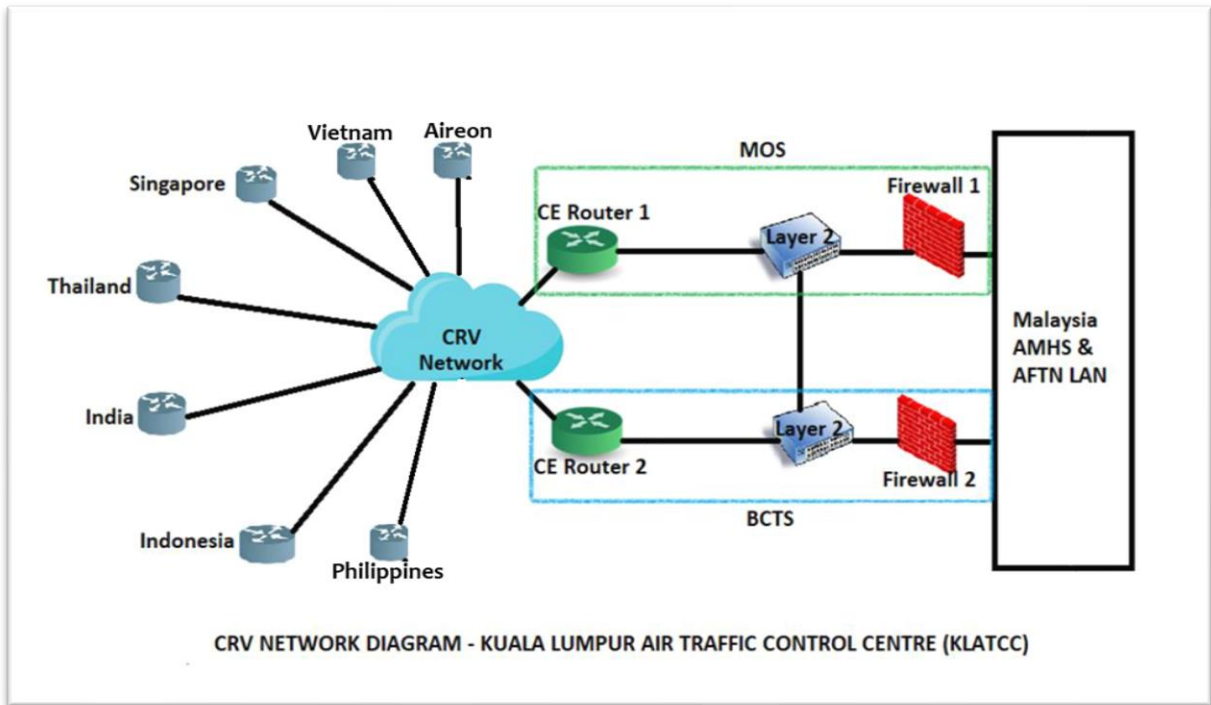
1.2 The establishment of a Contract Agreement for CRV services between the CRV service provider and Malaysia is a mandatory requirement of the Government of Malaysia to ensure proper governance, service assurance, and compliance with national regulations.

2. DISCUSSION

2.1 At present, Malaysia subscribes to CRV Package A with a bandwidth capacity of 2 Mbps, which supports Kuala Lumpur Air Traffic Control Centre (KLATCC) connectivity to the regional CRV network.

2.2 The following table shows the status of CRV Implementation between Kuala Lumpur Air Traffic Control Centre (KLATCC) and neighboring CRV States:

| CRV Implementation Status in Malaysia | | | |
|--|-----------------|-----------------|--------------------------------------|
| States | Services | Timeline | Remarks |
| Singapore | AMHS | 24/05/2022 | Network connectivity & AMHS testing |
| | | 17/04/2023 | IPLC Cut over & CRV migration |
| | Voice | 29/12/2025 | Voice over CRV testing |
| | | 22/01/2026 | IPLC Cut over & CRV migration |
| Thailand | AMHS | 11/10/2022 | Network connectivity & AMHS testing |
| | | 27/01/2023 | IPLC Cut over & CRV migration |
| | Voice | 03/05/2023 | Voice over CRV testing |
| | | 01/10/2024 | IPLC Cut over & CRV migration |
| Vietnam | AMHS | 15/05/2026 | Network connectivity & AMHS testing |
| | | 15/05/2026 | IPLC Cut over & CRV migration |
| | Voice | 30/04/2026 | Voice over CRV testing |
| | | 07/05/2026 | IPLC Cut over & CRV migration |
| India | Voice | 18/12/2023 | Network Connectivity & Voice testing |
| | | 08/01/2024 | IPLC Cut over & CRV migration |
| Indonesia | Voice | TBD | Network Connectivity & Voice testing |
| | | TBD | IPLC Cut over & CRV migration |
| Philippines | Voice | 24/04/2026 | Network Connectivity & Voice testing |
| | | 12/05/2026 | IPLC Cut over & CRV migration |
| Aireon | Space ADS-B | 23/04/2026 | Network Connectivity & Data testing |
| | | TBD | Operational |



CRV Network Diagram – Kuala Lumpur Air Traffic Control Centre (KLATCC)

2.3 CRV Operation experience.

2.3.1 Referring to the Malaysia CRV Implementation Plan schedule as paragraph 2.2 above, AMHS and Voice services migration to the CRV network is substantially complete, with overall progress estimated at approximately 90%.and estimate total completion by end of year 2026.

2.3.2 The successful implementation of CRV was greatly supported by the technical assistance of the PCCWG representative and the strong cooperation demonstrated by neighbouring CRV States.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matter as appropriate
