



ICAO

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 3: CRV OG Reference documents

CRV OVERVIEW DIAGRAM

(Presented by New Zealand)

SUMMARY

This paper presents on the creation of a CRV Overview Diagram.

1. INTRODUCTION

- 1.1 The discussion on updating the Com Chart in AMC managed by Eurocontrol resulted in the creation of a CRV Overview Diagram in a similar format to the Com Chart.
- 1.2 This paper presents updates on this topic.

2. DISCUSSION

- 2.1 The limitation of the Com Chart is that it shows physical point-to-point connections. With CRV, point-to-point connections remain; however, these are logical.
- 2.2 The CRV Overview diagram attempts to show these logical connections based on the current connectivity from a Com Centre point of view, but also considering voice implementations.
- 2.3 The diagram is currently available in the CRV Portal, [CRV Overview diagram.vsd](#)
- 2.4 Future updates may show SWIM Gateway EMS, and sub-services such as Surveillance.
- 2.5 There may be a future limitation in that the logical connections overwhelm the diagram.
- 2.6 The Meeting is requested to review the diagram, propose changes, modify them and adopt it by the proposed draft Decision:

Draft Decision CRV OG/15//XX		- Adoption of the CRV Overview Diagram	
What: Adopt and maintain a CRV Overview Diagram with a view to maintaining a level of detail to assist with CRV implementation understanding.		Expected impact: ☐ Political / Global ☐ Inter-regional ☐ Economic ☐ Environmental ☒ Ops/Technical	
Why: There has been a request for an interconnection diagram for CRV from the SWIM TF to understand the current logical connection while designing APAC SWIM Technical Infrastructure. In addition, this information is useful for States/Administrations to identify current CRV users and their interconnections.		Follow-up: ☐ Required from States	
When: 19-Jun-26		Status: Draft to be adopted by Subgroup	
Who: ☒ Sub groups ☐ APAC States ☐ ICAO APAC RO ☐ ICAO HQ ☒ Other: ACSICG			

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) review and modify CRV Overview Diagram;
- c) endorse the proposed draft decision for CNS SG adoption; and
- d) discuss any relevant matter as appropriate
