



ICAO

International Civil Aviation Organization

**Thirteenth Meeting of the Common aeRonautical
Virtual Private Network Operations Group
(CRV OG/13)**

Wellington, New Zealand, 05-08 March 2025

Agenda Item 9: CRV Operational performance report

PROPOSAL FOR CRV PACKAGE D+ FOR PSIDS/SMALL ANSPS

(Presented by Fiji/Fiji Airports)

SUMMARY

This paper presents CRV SLA Package D+ to be adopted for PSID and small ANSPs in the APAC region for implementation for CRV.

1. INTRODUCTION

1.1 CRV Package D+ is proposed to replace Package D to address CRV service reliability. APANPIRG under Conclusion APANPIRG/32/07- *Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution*, PCCWG SLA Package D has adopted CRV SLA Package D for PSID/small ANSPs CRV implementation solution.

2. DISCUSSION

2.1 In CRV OG/08, Fiji presented WP/13 titled *Revisit the CRV solution for small Pacific Islands and small ANSPs in APAC* using CRV Package D. APANPIRG/34 endorsed **Draft Conclusion CRV/08/02** proposed by this WP as Conclusion APANPIRG/32/07- *Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution*, PCCWG SLA Package D.

2.2 CRV Package D+ definition was adopted in CRV OG/11 as the additional CRV package in the CRV Operations Manual. The configuration of Package D+ was the same as Package D but with an extra cold standby NID (CE Router) which is same configuration as the primary NID. The diagram below depicts the differences between CRV Package D and CRV Package D+.



2.3 The decision to upgrade from CRV Package D to Package D+ relates to the high reliability required for the services from PSID States noting the availability of flights and lead time to send a spare NID in the event of the operational NID fail for Package D+. In addition to the lead time that may take 6 weeks, PCCWG has confirmed that one of the critical points affecting the replacement time is PCCWG partner requires some time to settle the import license and clearance before delivering to the customer site.

2.4 While the cost is expected to increase with an additional NID with the cold standby NID, the reliability of the services is crucial for ANSP and the CRV Package D+ is the recommended CRV SLA.

2.5 PSIDS States, that have signed the CRV service order with PCCW has preferred CRV Package D+.

2.6 The CRV Package D+ has been incorporated in the CRV Operations manual and is presented to the meeting as the CRV Package for the PSIDS and small ANSP Member States in the APAC region and the Draft Conclusion CRV OG/13/xx will supersede Conclusion APANPIRG/32/07-*Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution, PCCWG SLA Package D* if adopted by APANPIRG/36 in 2025.

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Draft Conclusion CRV OG/13/xx - Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution, PCCWG SLA Package D+.	
<p>What: That, the CRV OG should consider the following to assist small Pacific Islands & small ANSP in APAC in the implementation of CRV:</p> <ul style="list-style-type: none"> a) CRV SLA Package D+ is reliable and address lead time for acquiring spares and PCCWG to import licence and clearance for customer sites b) Small Pacific Island and small ANSP in the region to consider using CRV SLA package D+ as the CRV solutions to implement CRV for the exchange of voice & AMHS services c) With target date to implement CRV by 2025, it is recommended that the CRV OG to work closely with the small Pacific Islands, small ANSP in the region and PCCWG on a cost effective CRV solution to implement CRV. 	<p>Expected impact:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical

Why: To facilitate the implementation of CRV for the small Pacific Island & small ANSP in the region	Follow-up: <input checked="" type="checkbox"/> Required from States
When: 8-Mar-25	Status: Draft to be adopted by PIRG
Who: <input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX	

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
