



ICAO

International Civil Aviation Organization

The Common Aeronautical Virtual Private Network (CRV) Workshop

Denarau Island, Fiji, 22 January 2024

Agenda Item 6: Pacific States CRV Implementation

CURRENT NETWORK INFRASTRUCTURE – TONGA

(Presented by Tonga Airports Limited (TAL))

SUMMARY

This paper presents the current network infrastructure of Tonga, the constraints/ issues encountered, and the desired enhancement.

1. INTRODUCTION

1.1 Tonga Airports Limited (TAL) is the primary aeronautical telecommunication service provider in Tonga with support provided by the Airways New Zealand.

1.2 TAL currently operates under a Tonga Civil Aviation Rule Part 171 – Aeronautical Telecommunications Services certificate.

2. DISCUSSION

Current Network Infrastructure

2.1 Current network infrastructure utilized by TAL for Fuaámotu International Airport and Lupepauú International Airport are: the PASNET by Airways New Zealand; and through the internet connection from local ISP.

Constraints/ Issue

2.2 PASNET provides limited connectivity across the Pacific;

2.3 PASNET is maintained by Airways New Zealand. Resolving of issues and maintenance of PASNET depends on the availability of Airways team arrival onsite;

2.4 Reliability of the internet connection provided by the local ISP is not high enough.

Desired Enhancement

2.5 Tonga to join the CRV

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.
