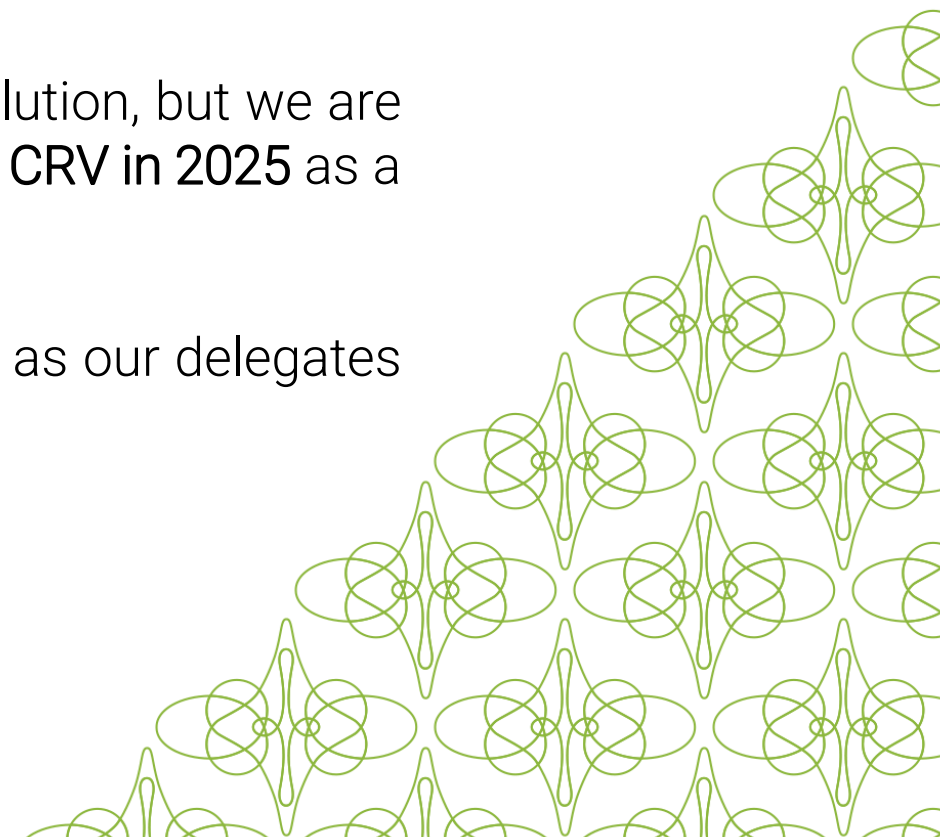


Current ATS infrastructure constraints issues and desired enhancements- Airports Vanuatu Limited

CRV Presentation

Brief Background

- Vanuatu was initially connected via **SITA** with **Nadi ATM** until 2003, when we began experiencing connection issues. As a result, we switched to **Brisbane Air Services (BNE)** and maintained a subscription until **December 2024**.
- Unfortunately, we lost that connection and were in the process of restoring it when the **earthquake of December 17, 2024**, struck. This disaster completely disrupted our communication infrastructure, and to this day, **we still do not have an operational AFTN network**.
- In response to this, we have requested **Nadi ATM** to assist us with an alternative solution, but we are still waiting for their response. Meanwhile, we are actively working on implementing **CRV in 2025** as a long-term solution.
- This update clarifies our current status, and we hope for support from this meeting as our delegates attend the **March 2025 session** to discuss potential solutions.



Current Situation in Vanuatu

For years, Vanuatu relied on the **Aeronautical Fixed Telecommunication Network (AFTN)** for managing aeronautical communication. However, as mentioned, **AFTN is currently unserviceable** due to multiple factors:

1. Loss of the Brisbane Air Services connection in December 2024
2. Earthquake disruption in December 2024
3. Reliance on multiple service providers, causing complex link issues

This has significantly impacted our ability to manage flight operations and air traffic control efficiently. The ongoing service disruption highlights the **urgent need** for a modern, reliable, and cost-effective communication system.



Future Aspirations: CRV in Vanuatu

To address these challenges, Vanuatu aims to transition to the **Common Regional Virtual Private Network (CRV-N)** in **2025**. CRV provides a secure and unified solution for aeronautical communication, eliminating the reliance on fragmented infrastructure.

Our goal is to establish a CRV connection at **Port Vila International Airport**, our main international hub. Through CRV, we expect to achieve:

- Seamless **data and voice communication**.
- Increased **reliability** and reduced dependency on multiple service providers.
- **Enhanced operational efficiency and safety** across Vanuatu's aviation network.



Benefits of Adopting CRV for Vanuatu

1. **Interoperability** – CRV will allow Vanuatu to integrate with **regional and global aviation networks**.
2. **Cost-Effectiveness** – A **single, unified network** will reduce costs associated with multiple service agreements.
3. **Resilience** – CRV's modern infrastructure will provide **better disaster recovery** capabilities.
4. **Safety** – Reliable communication will directly contribute to **safer air traffic management**.



Conclusion

The CRV network presents a **transformative opportunity** for Vanuatu's aviation sector. With its implementation, we can overcome the limitations of our past AFTN system, restore essential communication, and strengthen our position as an integrated part of the global aviation network.

We look forward to further discussions and to receiving support from our regional partners as we work towards **CRV implementation in 2025**.

Thank you.





AIRPORTS VANUATU

