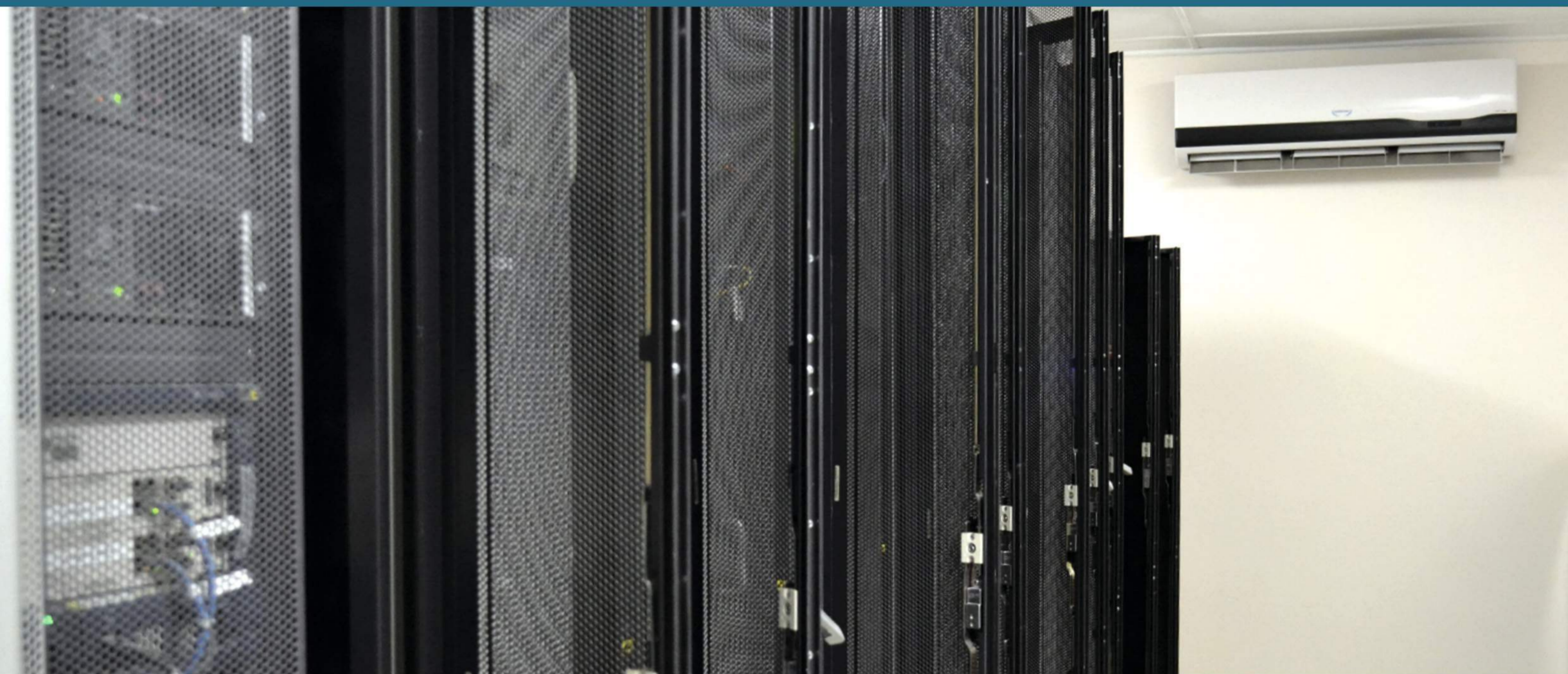# Vanuatu Government Data Centre

Vanuatu's Internet is unbalanced. As such, we have chosen to locate our data centre within the heart of Port Vila, near the Meteo Department Building. We intend to provide the infrastructure needed to support the growth and development of Vanuatu and the wider regional economy in the Pacific.

WHO DO WE WORK WITH?

The Vanuatu Government Data Centre (VGDC) hosts critical services for the Vanuatu Government iGov Network. All government fibres terminate at the data centre as well as all connections via radio link to other provinces terminates at the data centre. It currently also houses the Vanuatu Internet Exchange Point (IXP) which includes Google cache servers and i-root DNS servers. All local Internet Service Providers (ISPs) have connections to the Government Data Centre to connect to the IXP, either via wireless link or cable. The data centre also provides co-location services to local telecommunications operators and other private enterprises.

WHAT BENEFITS FOR THE E-GOVERNMENT?

The data centre solution provides an open, effective, and elastic cloud environment, integrates data sharing, analysis, mining, and large-data processing technologies to improve citizen services, increase government efficiency, promote transparency, and provide a convenient service channel for citizens, as well as build an energy-saving, efficient and people-oriented government structure.

HOW CAN WE HELP?
We provide colocation facilities; fundamentally we provide space, power, cooling, and physical security for your server, storage, and networking equipment. We provide you with access to the major Vanuatu telecommunications carriers and to global networks. We link you to the only Internet Exchange Point in the Pacific.

Site Specification

FACILITY
The facility is a self-contained industrial unit with a total of 9 racks. We have another smaller data centre at other location that provides redundancy to the VGDC; 2 fibre links are running between the 2 data centres.

CONNECTIVITY
The VGDC is directly connected to the Cable Landing station via fibre, which connects the VGDC to the Equinix Data centre in Sydney for Internet access. Our location provides an ideal nexus for traffic interchange between service providers and telecommunication operators. Technology companies, businesses and our government organisations benefit from direct access to this rich ecosystem of service providers.

SECURITY
The data centre has recently been upgraded to meet global standards: installation of electronic doors, secure windows and new fire extinguishers. There also is a perimeter security fence, an electronic gate and a security guard 24/7 onsite. We have stringent but flexible access procedures with pre-clearance of visitors. We have future plans for the site to be manned 24/7 and CCTV cameras to be installed soon.

SUPPORT AND MONITORING
There is an SMS system to monitor room environment. Our support team is available 24/7 to make sure that remote hands support is available when needed and you will have direct access to highly skilled technicians.

ELECTRICAL
The power is supplied by Unelco Ltd. We have a 24 Hours Standby Backup Generator. There is also a supply of 24 Hours power capabilities from UPS. We do monthly regular checkups on UPS Power & standby generator.

CHILLING
There is an effective chilling for high density cabinets. We have 13 inverter air conditioner units and we do regular servicing of units every 3 months.