

Work in IT with networks and servers?
Interested in a short term mission trip?

Short Term IT Project

with MAF in Papua New Guinea

**PNG Mission Trip
IT Opportunity**

We need someone with the following skills for a short term (approx. 3 months) IT project at the MAF Headquarters in Mt Hagen, Papua New Guinea.

The project will involve a reconfiguration of the network (including IP renumbering), setting up a redundant 5GHz wifi bridge to replace existing single bridge, commissioning an Exinda appliance and, if time permits, a change of AD from standalone to a site within the MAFI AD and reconfiguring network shares etc.



IT Requirements:

- Extensive network experience including sub-nets, L3 routing, 802.11q, managed switches, wireless bridges, STP
- Experience with VMware ESXi 5.x
- Windows Server 2008R2 experience would be helpful
- Linux experience would be helpful
- Experience with pfSense would be helpful
- Experience with Exinda would be helpful
- Experience with OpenVPN would be useful

Personal Requirements:

- A heart for mission and serving others
- Willingness to experience a different culture and environment
- Good health/general well-being

Our network consists of:

- ◆ Redundant HP A5500-SI core
- ◆ Cisco Small Business SF300-24P edge switches
- ◆ Yealink IP Phones connected to the edge switches
- ◆ pfSense router (including OpenVPN to the Cairns Support Office)
- ◆ Untangle UTM (to be replaced)
- ◆ VMware vSphere Hypervisor v5 (free version) host with Windows & Ubuntu Server VM's
- ◆ Windows AD (currently standalone but planning to integrate with MAFI AD)
- ◆ QNAP NAS
- ◆ Internet connection is via VSAT (3/1 Mb/s @ 2:1)
- ◆ ISDN to SIP interface (including T.38 fax support)
- ◆ FXS to SIP interfaces for fax machines (T.38)
- ◆ FXO to SIP interfaces for pstn lines
- ◆ Planning to add T.38 to email gateway for incoming fax



OUR VISION

Isolated people physically and spiritually transformed in Christ's name.

OUR PURPOSE

Sharing God's love through aviation and technology.

To express an interest contact the MAF I Cairns Support Office

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