

## The Klibur Domin ICT project 2022

In 2022, one of Casterton Rotary's projects has been an ICT project to design and implement a Local Area Network for the Timore-Leste NGO Klibur Domin.

Klibur Domin is a Timorese NGO based in Tibar, Timor-Leste, about 17 km from the capital Dili. Klibur Domin has three main programs: the Inpatients Program, providing care for low needs patients; the Community Based Rehabilitation program, which supports children and adults with disability and provides respite care and access to education; and the Tuberculosis (TB) Program, which provides care for patients with both TB and Multi-Drug Resistant TB.

The main functions of Klibur Domin are to:

- care for and support low dependency patients referred from Hospital Nacional Guido Valadares (Hospital Nacional) and other clinics;
- provide a centre for treatment and health education for TB & Multi-Drug Resistant (MDR) TB patients;
- provide a permanent home for a small group of residents who are elderly or who have a disability; and
- provide respite care for people with a disability.

Klibur Domin also operates two outreach programmes in surrounding districts - a Mobile TB team and a Community Based Rehabilitation (CBR) programme for people with disabilities.

Rotary has been a supporter of Klibur Domin, and it has been a particular focus for Casterton Rotary over the years.

### What the Project is addressing:

There is a World Health Organization, and a government expectation that records kept by health providers and other programs will be digitized. In addition, to meet the governance requirements of sponsors and program donors Kliber Domin will increasingly need to rely on SAAS (Cloud) programs.

KD Staff have been issued laptops, which is the preferred device due to the inconsistent electricity supply in Timor-Leste. The laptops are a mixed of Windows 7, 10 and 11 builds. There are different versions of MS Office in use. Because there is no network, all users login locally on their machines with their own login credentials. Data is then held in on that device and is not transferred to a central data store.

### The key Project Requirements

- A secure local internal network (LAN) that will allow staff, volunteers and visitors to roam the site and be connected. This includes the consolidation of all 4G LTE modems to reduce the cost of internet access. Also, rationalization of printing to facilitate cost savings.

- A secure file storage capability for corporate files/data and medical records.
- Auditable accesses to the network and any files by implementing a username/password policy for all staff and volunteers. Policy to reinforce that data is not to be saved on local machines but on secure shared drives
- The implementation of Microsoft 365 which will facilitate a corporate intranet, Klibur Domin email accounts for staff and long-term volunteers, and enable the use of Teams as a collaboration tool.
- Support for the ongoing telehealth program.
- Enable and support the implementation of a new finance system-QuickBooks.

## Project Overview

The project will be implemented in a number of stages. These are not sequential.

### **Stage 1 Network Site and improve internet connectivity**

Design and Implementation of a mixed wired and Wireless LAN. Procurement and implementation of a bonded internet capability. Internet connectivity at KD is problematic as the only access is via the 4G LTE networks.

### **Stage 2 Migrate to Microsoft 365**

Standardise on the latest version to simplify support, training and to improve security. This also requires all computers to standardise of a single Windows 10 SOE.

### **Stage 3 Conference/meeting capability.**

Procurement and installation of a PTZ Camera, Desk Microphone, large monitor and control systems for the Director's office. This will allow better group use of web conferencing using Teams or Zoom.

### **Stage 4 Upskilling**

The project will require an IT Officer support role within KD. This role will have a number of key functions. An existing staff member has been identified and will receive training on the role.

Current staff will require training on the upgraded versions of Word, Excel and PowerPoint, and on processes and procedures needed to use the new network.

## Achievements to date

- Donation of an HP Proliant Server and Windows Server 2022 licence from Lumify Group (approx. \$4500.00USD)
- Commitment of support from the Electrical and Instrumentation Training course for support with the cabling.

- Commitment from Inovar4 for the supply of materials. These have been ordered and awaiting delivery.
- Procurement of 4G LTE Bonding solution (ZifiLink 5x) for 1270 USD + 349 USD p.a. Bonding licence +50USD shipping. ZifiLink has up a bonding server in Australia.
- Recognition from Microsoft as a Not-For-Profit entity and the awarding of donated and discount licences through their partner TechSoup.
- Registration of a new domain name kliburdomin.tl and the development of a new website by Naroman.tl

### What we need.

Whilst the vast majority of the cost for this project has been met by the donated and discounted items provided by vendors, there is a small shortfall of \$4500.00USD we are trying to raise.

You and your club can help us by donating a small amount, say \$500.00AUD to help us cover this target amount.

**Club Donations** can be sent to:

Rotary Club of Casterton  
ABN 75795289482  
P.O. Box 81, Casterton, Vic., 3311

OR EFT

Rotary Club of Casterton  
BSB : 633000  
A/c #: 159760040  
Ref: Klibur Domin ICT Project

Casterton Rotary will collate all donations and send directly to Klibur Domin as one transaction which will save on transaction fees.

**Individual donations** can also be sent to Casterton Rotary as above , or if you require tax deductible status through the Ryder-Cheshire Foundtion: [GiveNow - Australian Ryder-Cheshire Overseas Aid Fund](#). Please indicate the Klibur Domin ICT Project in the notes.

Please contact District 9780 A.G., **Darren Brown + 61 409 350 523** or Project Contact, **Andrew Seabrook +61 409412272** for futher details.

Also visit <http://kliburdomin.tl> to find out more about the essential services that Klibur Domin provides to the Timor-Leste community.