

**INTERNET CONNECTIVITY
NETWORK RESTRUCTURING
WEBSITE DEVELOPMENT
PROPOSAL**
for

HealthNet TPO

Regional Office – Kampala, Uganda

Prepared by:
Yuda Muyinza
Yuda Media Ltd.
ym@yudamedia.com
+256 752 610 329
+256 41 533 666

Background Information:

About HealthNet TPO

HealthNet TPO is a Dutch NGO that aims at supporting peace, reconciliation and local capacity by improving health care in areas of chronic crisis and post-conflict situations. HealthNet TPO established a regional programme focusing on the rehabilitation of basic health services in three post-conflict countries: Burundi, DR Congo and Sudan.

The programme aims at a comprehensive rehabilitation of essential health services with ample attention for SRH, HIV/AIDS and Malaria. The common approach of the programme allows for detailed intervention strategies designed to suit local needs and conditions.

Health Net TPO's Regional Office shares an internet connection with TPO Uganda through a 64Kb wireless connection provided by Infocom.

The office is also networked to the TPO Uganda office through a 32 user switch located within the building.

The domain name healthnettpoug.org is registered and hosted on a collocated server in Houston Texas provided by Yuda Media.

HealthNet TPO RO now seeks autonomy from the TPO Uganda internet access and network share.

OUTLINE OF PROPOSED SOLUTION

1. Internet Connectivity – Uganda Telecom 128 Kbps ISDN line.
2. Local Area Network setup / rewiring of HNTPO-RO premises through a switch and setting up of local server.
3. Website development.

Proposed Solution

1. Internet Connectivity – Uganda Telecom 128 Kbps ISDN line.

Uganda telecom broadband is an always-on, high speed internet connection at one flat monthly rate and no telephone bills.

With a broadband connection you can enjoy the full range of internet services opening up a whole new world of content.

Uganda telecom broadband is an extremely fast internet access, targeted at those that need and appreciate the value of extreme speed.

Benefits

- Speeds of up to 256 kbs
- Always on internet access
- Fixed IP
- One flat monthly fee
- No telephone bills

With Uganda telecom broadband 128Kbps installed at HNTPO RO internet access and mail delivery will be speedier.

Costing.

UT Broadband 128Kbps per month: US\$170 (payable 3 months in advance)

Installation-Set up charge for broadband service

| | |
|-------------------------|---------|
| -Pre-existing landline | US\$ 50 |
| -Charge on new landline | US\$ 62 |

Hardware

| | |
|---------|----------|
| ISDN NT | US\$ 155 |
|---------|----------|

Time to rollout : 2 business days from payment of subscription for service.

Payments are made at the Uganda Telecom offices at Rwenzori House.

Responsible personnel: Uganda Telecom Technicians

Note: The Uganda telecom technicians will setup the server machine connection to the internet via broadband, but will not be responsible for wiring the other machines (i.e setting up the local area network)

2. Local Area Network setup / rewiring of HNTPO-RO premises through a switch and setting up of local server.

All local machines / laptops within the Healthnet TPO premises are hooked onto a network switch at the TPO Uganda office.

HealthNet TPO RO needs to acquire their own switch, have the network cables re-routed into it from the TPO switch and have this shared with the server.

To achieve this, new conduits (packaging for network cables) may have to be put into place: though this cannot be confirmed until a thorough survey of the present network cable run is done.

Costing:

Hardware – Switch UgShs. 150,000

Hardware – RJ45 quantity 8 UgShs. 20,000

Labour charge UgShs. 200,000

Responsible personnel Tony Lutaya

Rollout / completion period 2 business days

HealthNet TPO Regional office & the internet

The Healthnet TPO programme is run by a regional team working out of Kansanga Kampala Uganda. Field offices in Kibuye Burundi, Butembo in DRC and Mapel in Southern Sudan implement the healthNet TPO programmes.

HealthNet TPO as an entity also works closely with other stakeholders in the health provision / NGO sector in these regions. These include:

- Government ministries
- NGO partners
- Private sector sponsors

The general public also visits HealthNet TPO for information on their activities and programmes they support.

Through the use of the internet, a system can be developed that allows all four locations and stakeholders to communicate and synchronise work and information together in a safe, password protected environment.

Proposed Yuda Media solution for HealthNet TPO Regional office.

The proposed solution is to build a dynamic website system that allows different segments / groupings of users to be created.

The site will allow geographically spread HealthNet TPO staff and approved members of other stakeholder groups to collaborate and work on different projects and project documents in a secure password protected environment.

The idea is to reduce the geographical spread of the Healthnet TPO Regional team by creating a virtual office and collaborative environment.

The same system will have an internally built content management system that will be responsible for the content of the publicly available website.

Ordinary visitors to the domain www.healthnettpoug.org will access the publicly available website which will contain information and access to documents as specified by admin(s) from the back-end content management system integrated into the intranet.

By assigning users of the system a username and password, online groups with different access privileges can be created and allowed different edit / administrative / access levels on different tools.

Some of the key-tools of this collaborative environment (software) will include:

- AddressBook - Contact-manager
- Calendar - Calendar which supports the scheduling of groups, resources and even contacts.
- Webmail - Userfriendly IMAP mail-client
- InfoLog - Powerful ToDo, Notes and Phonecalls, customer relationship management application.
- ProjectManager - Element based Projectmanager with Gantt charts
- filemanager - Managing files stored in a virtual file system
- Wiki - A "wiki" is a document that is collectively created and maintained. Anyone with access privilege to it can edit it.
- Knowledge Base - A collection of facts, rules, and procedures organized into schemas. The assembly of all the information and knowledge of a specific field of interest.
- Forum
- Chat
- Site Manager (Content Management System for publicly available website)

Since HealthNet TPO as an entity also works closely with other stakeholders in the health provision / NGO sector the website must be dynamic and allow for information sharing and easy management.

These include:

- Government ministries
- NGO partners
- Private sector sponsors
- General public visits HealthNet TPO Ro for information on their activities and programmes they support.

Users in the general group of users will be able to access non-sensitive information about healthNet TPO to interested parties and also give them access to a knowledge base, forum (in which they can read entries but not post) and the Wiki.

All access privilege will be set by an overall admin from within the intranet system.

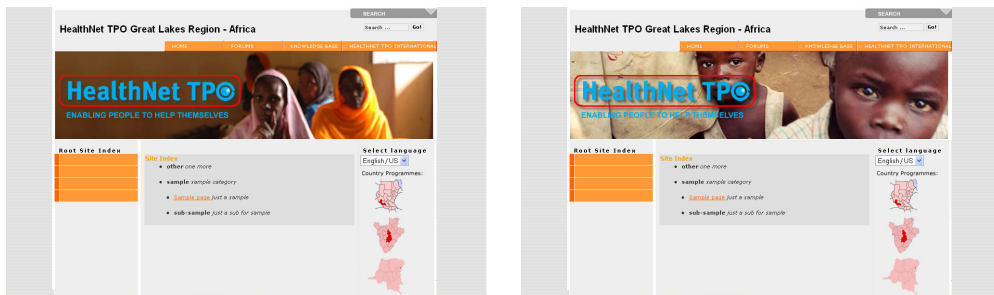
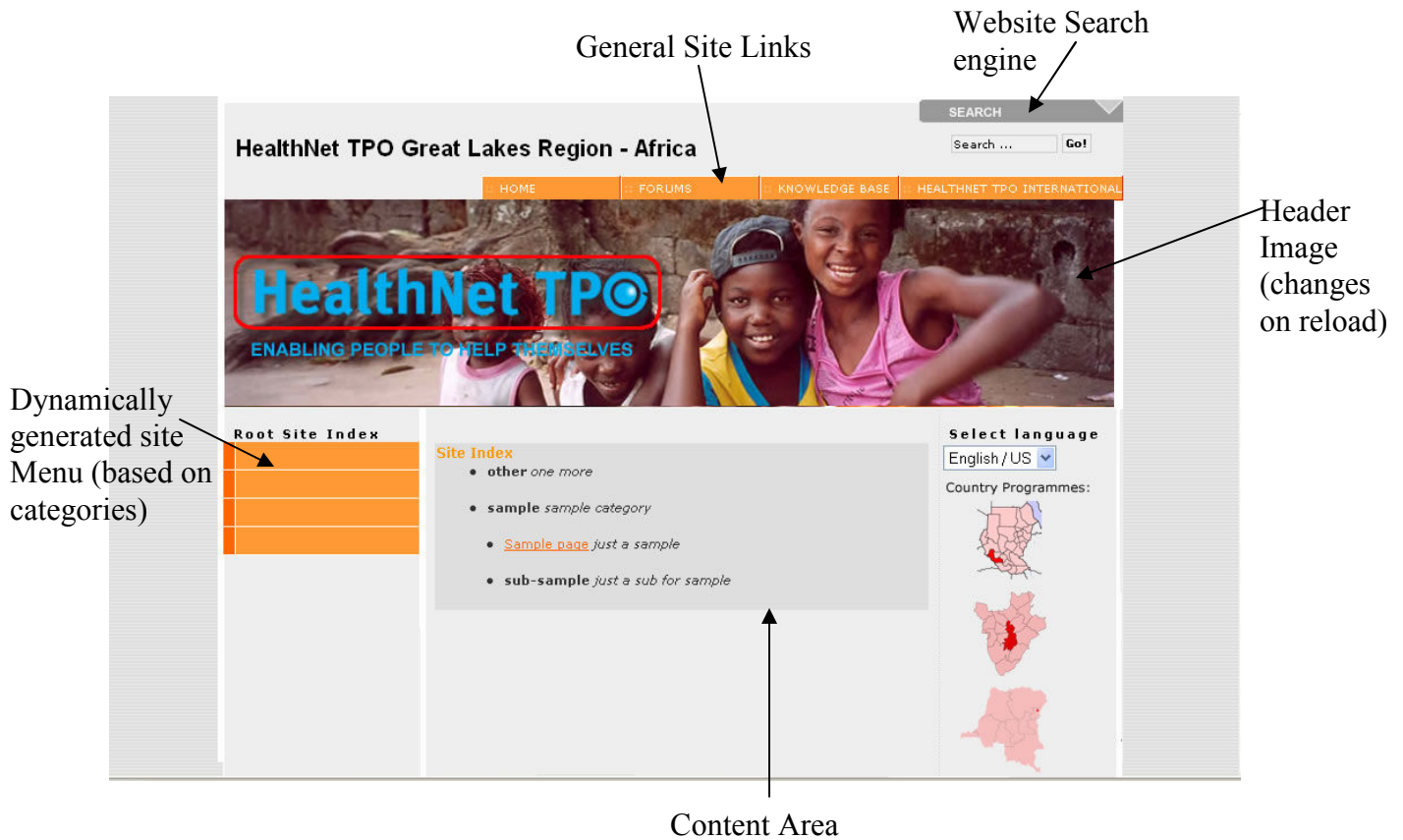


Main Website mock-up template
note final product may vary from the above generated template*

THE MAIN WEBSITE EXPLAINED

The main website takes its content from the site manager within the admin area. The main website will also be multi-lingual.

All content into the site manager is dynamically generated by the front-end website system allowing site visitors to search for content and view / download documents that have been approved for the general public by different admins in the content management system area.



Website with different 'header image'

PRICING

Pricing is taken from a base development fee of US\$ 25 an hour.
An anticipated man working hours of 150 hours is estimated to complete the proposed HealthNet TPO website solution.

Main Website Development Costs:

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|---------------------------------------|----------|
| Site Design and Coding | US\$ 800 |
| Content Management System integration | US\$ 700 |

| | |
|----------------|----------|
| Training Costs | US\$ 200 |
|----------------|----------|

| | |
|----------------------|-------------------------|
| <u>TOTAL:</u> | <u>US\$1,700</u> |
|----------------------|-------------------------|

Development Life-Cycle

The above proposed project will take an anticipated two week development period.

WEEK I – Yuda Media - *Payment of 50% of contractual fee*

Commencement of development

Collection of necessary approved content (images, text, documents)

Creation of user interface

Scripting, Upload and testing to live server (the site is still not viewable by public)

Creation of secondary language files (French and Dutch)

beta testing – Yuda Media + HealthNet TPO Regional Office

[*Part Payment of remaining balance*]

WEEK III – Yuda Media + HealthNet TPO Regional Office

Addition of content to main website in English, French and Dutch

Commencement of training on system usage

[*Payment of remaining balance less training cost*]

Terms and Conditions:

- 50% of contractual fee (total fees less training charges) is payable before development commences.
- The balance is payable as outlined in the development timeline above
- Training costs are due only when all deliverables (manuals) have been met and client is comfortable with the system
- Material presented to Yuda Media by client remains the copyright of the client and client accepts responsibility should infringement be claimed by a third party