

**Assessment of Information Technology infrastructure
in 4 health districts: Cyangugu, Butare, Nyagatare,
and Gahini**

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September 2004

Summary

This report summarizes the results of an IT assessment conducted in 4 health districts (Butare, Gahini, Nyagatare, and Cyangugu) by Tulane University. The objective of the assessment was to provide a complete description of the current status of IT infrastructure in the health districts. The assessment involved the hospital, the CPLS, the DHT, DISGASS and the SIS sites in the four health districts.

The results of the assessment show some major problems at the districts sites. The main problem found is a severe electricity problem. In most of the sites, electricity was only available 8 to 12 hours a day. Where a generator was available, there was often a problem of fuel or other technical problems that prevent the generator from running. The need for a generator is crucial for a proper functioning of the servers as envisioned in the connectivity plan.

Availability of IT equipment at the different sites varies dramatically from sites with no computers to sites that are well equipped. The CPLS was found best furnished in IT equipment. Many computers available at these sites were totally out of service. The telephone in many of the sites is not working because the bills are not paid.

The physical grouping of agencies (in 2 to 3 physical locations) is an important issue for the installation and cost of the network.

Our distribution of equipment

Based on the results of the assessment we provided IT equipments to the sites depending on their needs. The table below shows the distribution of equipment for the different sites.

		Computer	Printer	UPS	Scanner	User
Nyagatare	Hospital	1	1	1	1	Team leader
		1	1	1	0	Pharmacy
	CPLS	0	0	1	0	
	DHT	1	1	1	0	Supervisor
	DISGASS	1	1	1	0	Executive Secretary
	SIS	0	1	0	0	
	Total Nyagatare	4	5	5	1	
Butare	Hospital	1	1	1	1	Medecin chef & Secretary
		1	0	1	0	Reporting
	DHT	1	0	1	0	Coordinateur DS
	Total Butare	3	1	3	1	
Gahini	Hospital	1	1	1	0	Medecin chef & Secretary
		1	1	1	1	Reporting
		1	1	1	0	Pharmacy
	DHT	1	1	1	0	Team Leader
	SIS	1	1	1	0	
	Total Gahini	5	5	5	1	
Gihundwe	Hospital	1	1	1	1	Medecin chef/Reporting
		1	0	1	0	Pharmacy
		1	0	1	0	Reporting/ Chief Nursing
	DHT	1	0	1	0	Team leader
	Total Gihundwe	4	1	4	1	Coordinateur DS
Total equipment		16	12	17	4	

Next steps

The next steps of our IT infrastructure setup and connectivity plan will include:

- Setup of equipment at sites and provide basic training for the users
- Update the inventory of equipment
- Install of ISDN /network (servers and LAN)
- connect other physical locations in the districts.

1. Butare

District Butare	Site Name Hospital
Name of Contact Makuza Jean Damascène	Cell phone # 08306031 contact
Physical address Cellule Mamba Ville de Butare	Mailing address B.P 30 Butare
Phone #1 530545, 531073 Working Y NB: obtain copy of Bill	Fax or 2nd phone # 530545 Working Y Fax Machine Y Working Y
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1TRAC
1 DISGASS	2 Region Sanitaire, MOH (SIS)
2 CPLS	3
4	How transmit reports? Hard copies, tel
Generator? Y 2 Capacity? 275 KVA & 80 KVA Who pays fuel? Hospital Who pays maintenance? Hospital	
Other1	ISP? Y With whom? Rwandatel
Notes: <ul style="list-style-type: none"> - Phone#3 (dial up for Internet connection): 530255 which is working - Bill are paid by the hospital - For Internet connection, dial up - The big generator has problem, no time for maintenance - The small are put for emergency(bloc operatoire, chirurgie, gynecologie) - Electricity 6h/24H - They paid by themselves cell phones and airtime - 2 store room(medicament et materiel) 	

COMPUTERS and PERIPHERALS

Room Secretariat de Direction	Room Photocopier room
Computer Compaq Deskpro Make/Model obsolete	
CPU speed = HD = 3GB Too slow	
Memory 32MB	
Operating system: 98	
NIC card? Y Working? Y	
Modem Y Working Y external	
Printer Y Type HP Laserjet 6P Working Y	
UPS? Y APC 700 VA Working properly? Y	
Photocopier N Scanner N	
Room Secretariat	Room Administrateur
Computer CB Bytes(clone) Make/Model	Computer Sony laptop Make/Model
CPU speed = HD =18.6 GB	CPU speed =800 Mhz HD =11.9 GB
Memory 128MB	Memory 128MB
Operating system: 2000	Operating system: 2000
NIC card? Y Working? N	NIC card? Y Working? Y
Modem Y Working N	Modem Y Working Y
Printer Y Type HP Laserjet 1200 Working Y	Printer Y Type Hp Laserjet 1200 Working Y
UPS? Y APC 700 VA Working properly? Y	UPS? N
Photocopier N Scanner N	Photocopier N Scanner N

Room <i>Chef du Personnel</i>	Room <i>Service de recouvrement</i>
Computer Compaq EVO D310 Make/Model	Computer Compaq EVO D310 Make/Model
CPU speed = 2.40 Ghz HD =40 GB	CPU speed = 2.40 Ghz HD =40 GB
Memory 256MB	Memory 256MB
Operating system: XP	Operating system: XP
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer Y Type HP Laserjet 1100 Working Y	Printer Y Type HP Laserjet 1100 Working Y
UPS? N	UPS? N
Photocopier N Scanner N	Photocopier N Scanner N
Room <i>Chef du Personnel</i>	Room <i>Approvisionnement</i>
Computer Compaq EVO D310 Make/Model	Computer Compaq EVO D310 Make/Model
CPU speed = 1.80Ghz HD = 40GB	CPU speed = 1.80Ghz HD = 40GB
Memory 128K	Memory 128K
Operating system 2000	Operating system 2000
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer N	Printer N
UPS? Y APC 700 VA Working properly? Y	UPS? Y APC 700 VA Working properly? Y
Photocopier N Scanner N	Photocopier N Scanner N
Room <i>Secretariat CHU (Coordination Du centre Hospitalier Universitaire)</i>	Room <i>Chef de la Pharmacie</i>
Computer Compaq EVO D310 Make/Model	Computer Compaq EVO D310 Make/Model
CPU speed = 1.80Ghz HD = 40GB	CPU speed = 1.80Ghz HD = 40GB
Memory 128MB	Memory 128MB
Operating system 2000	Operating system 2000
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer Y Type HP Laserjet 1200 Working Y	Printer Y Type HP Laserjet 6L Working N
UPS? N	UPS? Y APC 700 VA Working properly? Y
Photocopier N Scanner N	Photocopier N Scanner N

Room Comptabilité	
Computer Compaq CB Byte Make/Model	
CPU speed =	HD = 18.6GB
Memory	128MB
Operating system 2000	
NIC card? Y Working? N	
Modem N	
Printer Y Type HP laserjet 1300 Working N	
UPS? Y APC 700 VA Working properly? Y	
Photocopier N Scanner N	

District Butare	Site Name CPLS
Name of Contact AYINGOMA Jean Pierre(Executive secretary CPLS)	Cell phone # 08473189 contact
Physical address Cellule Mamba Ville de Butare	Mailing address B.P 169 Butare
Phone #1 531035 Working Y NB: obtain copy of Bill	Fax or 2nd phone # They use DISGASS Fax Working Y
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 CNLS
1 Hospital	2 DISGASS (weekly plan)
2 DISGASS	3
4	How transmit reports? Hard copies, floppy disks
Generator? Y DISGASS generator Capacity? KVA Who pays fuel? Who pays maintenance?	
Other1	ISP? Y With whom? Rwandatel
Notes: <ul style="list-style-type: none"> - SIPAA(Support International Partnership Aids in Africa)paid tel bill for CPLS during 6 months(Nov 2002-April 2003) - Now They only pay for receiving call(1700 frw/month) - The generator's capacity is not sufficient for new computers - They paid by themselves cell phones and airtime but when they get a bailleur, they pay 10.000 frw airtime for the Executive secretary 	

COMPUTERS and PERIPHERALS

Room CPLS1	Room CPLS2
Computer Make/Model Compaq EVO	Computer Make/Model Compaq EVO
CPU speed = 2.4GHz HD =37.2 GB	CPU speed = 2.4GHz HD =37.2 GB
Memory 128MB	Memory 128MB
Operating system: XP	Operating system: XP
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem N	Modem N
Printer Y Type HP Laserjet 1200 Working Y	Printer Y Type HP Laserjet 1200 Working Y
UPS? Y Working properly? Y	UPS? Y Working properly? Y
Photocopier N Scanner N	Photocopier N Scanner N
Room CPLS3	
Computer Make/Model Compaq EVO	
CPU speed = 2.4GHz HD =37.2 GB	
Memory 128MB	
Operating system: XP	
NIC card? Y Working? Y	
Modem N	
Printer Y Type HP Laserjet 1200 Working Y	
UPS? Y Working properly? Y	
Photocopier N Scanner N	

District Butare	Site Name DISGASS
Name of Contact Dr. Musango Laurent	Cell phone # 08302296 contact
Physical address Cellule Mamba	Mailing address B.P 169 Butare
Phone #530482 Working Y NB: obtain copy of Bill	Fax or 2nd phone #530411 Working Y Fax Machine Y Working Y
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 Province
1Butare hospital	2 MOH
2 CPLS	3Epidemiologist
4	How transmit reports? Hard copies, tel (epidemiologist)
Generator? Y Capacity? KVA Who pays fuel? Province Who pays maintenance? province	
Other1	ISP? Y With whom? Rwandatel
Notes: Have those districts sanitaires: Nyanza, Kabutare, Kibirizi, Gakoma They paid by themselves their cell phones and airtime	

COMPUTERS and PERIPHERALS

Room Reception	Room Coordination DS
Computer Toshiba Make/Model	Computer Compaq Presario Make/Model
CPU speed = HD = 19.0GB	CPU speed = HD = 1.94 GB
Memory 128MB	Memory 32MB
Operating system: 2000	Operating system: 98
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem N	Modem Y Working Y
Printer Y Type HP Laserjet 2100 Working Y	Printer Y Type HP Laserjet 6L Working Y
UPS? Y Working properly? Y	UPS? Y Working properly? Y
Photocopier N Scanner N	Photocopier N Scanner N

2. Nyagatare

District Nyagatare	Site Name Nyagatare Hospital
Name of contact: Sophonie Gapingi HAKIZIMANA	Cell phone 08419289
Physical address	Mailing address BP 43 Nyagatare
Phone #1 565066 Working Yes NB: obtain copy of Bill	Fax or 2nd phone (unknown) Working Yes NB: obtain copy of Bill
Server? N	Who does statistics reporting? List all with name, title and responsibility
Line of site to (list all)? What needed?	1 All reporting done through Medecin Chef computer but no ISP, paper based delivery
1 SIS and DHT, yes, visual confirmation (same compound – building adjacent	2
2 DISGAS /CPLS yes but need antennas on towers to get over the hill	3
3	How transmit reports? Hard copies
4	ISP? No (but think he uses personal dial-up. With whom?
Generator? Yes Capacity? 45 KVA Who pays fuel? Hospital budget Who pays maintenance? Hospital budget They limit use of generator due to limited budget ; there are many times without electricity	Obstacles to INTERNAL wireless? None between SIS and DHT
Other1	Other2
Notes: Military camp between DISGAS/CPLS and hospital line of site. Big photocopier but does not work Small photocopier works Can't afford to run generator all the time, start it only when truly needed for operations, etc. even lab, only give 2-3 hours per day from generator; get about 8hours/day from Electrogaz NOTE there are NO computers at all in hospital wards, not in lab, not in VCT, not ART, not central pharmacy, not records, not in accounting The lab is being refurbished now; they are not treating anyone yet in ART (at time of visit	

COMPUTERS and PERIPHERALS

Room Secretariat Hospital	Room Administrator
Computer Compaq Deskpro Make/Model	Computer Compaq Laptop Make/Model Armada 1570D
CPU speed = 133Mhz HD = 1.18 GB	CPU speed = HD = 1.99 GB
Memory 32MB	Memory 32MB
Operating system: 95	Operating system: 95
NIC card? N	NIC card? N
Modem N	Modem N
Printer Y Type HP Laserjet 5 Working Y	Printer Y Type Canon BJC-250 Working Y
UPS? N they use stabiliser	UPS? N
	Virus infects
Room Bureau médecin directeur de l'hôpital	
Computer Dell Laptop Make/Model Inspiron 1100	
CPU speed = 2.00Ghz HD = 18.5 GB	
Memory 256MB	
Operating system: XP Home	
NIC card? Y Working? Y	
Modem Y Working Y	
Printer N	
UPS? N	

District NYAGATARE	Site Name CPLS
Name of Contact MURARA Jérôme	Cell phone # Contact 08416238
Physical address Région sanitaire UMUTARA	Mailing address B.P 43 Nyagatare Hospital
Phone #1565061 Working N NB: obtain copy of Bill	Fax or 2nd phone #
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 Report to CNLS and Province
1 DISGASS – Same building	2
2 Hospital with towers	3
3 Equipe Cadre and SIS	4
4	How transmit reports? Hard copies
Generator? Y Capacity? 11 KVA Who pays fuel? Province Who pays maintenance? province	
Other1	ISP? N
Notes: -Phone#1 565061 is not working because the bill is not paid - They don't have money to pay fuel - Electricity is about 8h/24h - They pay by themselves their cell phones and airtime CPLS is same building as DISGASS	

COMPUTERS and PERIPHERALS

Room EXECUTIVE Secretariat	Room EXECUTIVE Secretariat
Computer Compaq EVO D310 P IV Make/Model	Computer Compaq EVO D310 P IV Make/Model
CPU speed = 2.00Ghz HD = 40GB	CPU speed = 2.00Ghz HD =40GB
Memory 128MB	Memory 128MB
Operating system: XP	Operating system: XP
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem N	Modem N
Printer Y Type HP Laserjet 1200 Working Y	Printer Y Type HP Laserjet 1200 Working Y
UPS? Y APC 700VA Working properly? N	UPS? Y APC 700VA Working properly? N
Photocopier Y Working Y CANON 6317 Scanner N	Photocopier N Scanner N
Room Volunteers, Formateur et Animatrice	
Computer Compaq EVO D310 Make/Model	
CPU speed = 2.40 Ghz HD = 40GB	
Memory 128MB	
Operating system XP	
NIC card? Y Working? Y	
Modem N	
Printer Y Type HP Laserjet 1300 Working Y / N	
UPS? Y Working properly? N	
Photocopier N Scanner N	

District NYAGATARE	Site Name DISGASS
Name of Contact RWAGASORE Justin	Cell phone # 08406097 contact
Physical address Région sanitaire UMUTARA	Mailing address B.P 43 Nyagatare Hospital
Phone #1 565314 Working N NB: obtain copy of Bill	Fax or 2nd phone # N Fax Machine Y Working N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1
1 CPLS	2
2 Hospital (with Tower)	3
3 Equipe cadre	4
4 SIS	How transmit reports? Hard copies
Generator? Y Capacity? 11 KVA Who pays fuel? Province Who pays maintenance? Province	
Other1	ISP? N
Notes: <ul style="list-style-type: none"> - There is time they don't have money to pay fuel for generator - They put it ON just when it is needed for important or emergency work - Time they get power from Electrogaz is about 8h/24h <p>All the staff pay by themselves their cell phones and Airtime except the Director who got the airtime from the office</p>	

COMPUTERS and PERIPHERALS

Room: Secretariat
Computer Make/Model: Microbase Intel Pentium
CPU speed = 200Mhz HD = 2GB
Memory 16MB
Operating system: 98 ME 2000 XP WIN 95
NIC card? N
Modem Y Working Y
Printer N
UPS? N
Photocopier Y working Y LANIER 6813 Scanner N

District Nyagatare	Site Name DHT and SIS
Name of Contact Innocent KASHORI	Cell phone # 08566880 contact
Physical address	Mailing address
Base Administrative du District	B.P 23 Nyagatare
Phone #1 N NB: obtain copy of Bill	Fax or 2nd phone # N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 PMTCT/VCT (TRAC) voir Dr Gaspard
1 CPLS	2 SIS (MOH) - Epidemiologist
2 DISGASS	3
3 Hospital	4
4	How transmit reports? Floppy disk – Hard copies- Tel (Cellpfone)
Generator? Y Hospital generator Capacity? 45 KVA Who pays fuel? Hospital Who pays maintenance? Hospital	
Other1	ISP? N
Notes: <ul style="list-style-type: none"> - Electricity 8h/24h - They use generator in emergency case or when Hospital is using it - Cell phones and airtime are paid by themselves 	

COMPUTERS and PERIPHERALS

Room Secretariat	Room Superviseur
Computer Compaq DeskPro Make/Model	Computer Make/Model
CPU speed = 860Mhz HD =20GB	CPU speed = HD = 2 GB
Memory 128MB	Memory 16MB
Operating system: 98	Operating system: 98 ME 2000 XP Win 95
NIC card? Y Working? Y	NIC card? N
Modem Y Working Y	Modem N
Printer Y Type HP Laserjet 4050 Working Y	Printer Y Type HP Deskjet 670C Working Y
UPS? Y Working properly? Y	UPS? N use stabilizer 1250VA
Photocopier Y working Y LANIER 7320 Scanner N	Photocopier N Scanner N

3. Gahini

District Gahini	Site Name Hospital
Name of Contact Dr BONANE Emmanuel	Cell phone # 08742408 contact
Physical address Gahini Hospital District Rukara	Mailing address B.P 75 Rwamagana
Phone #1 67424 Working Y NB: obtain copy of Bill	Fax or 2nd phone # N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1Epidemiologist(DS) SIS-Account-Lab-Pharmac
1 District sanitaire	2 Camerwa(stock) Tel call
3	How transmit reports? Manual report to DS
Generator? Y Capacity? 37 KVA on 1982 Who pays fuel? Hospital Who pays maintenance? Hospital (Neza Antoine)	
Other1	ISP? N
Notes: <ul style="list-style-type: none"> - Bill not paid by the Hospital - Electricity 12/24h - They paid cell phones and airtime by themselves - Old computer (totally out of service) - They have one Photocopier which is working: Rank Xerox 	

District Gahini	Site Name Base Administrative
Name of Contact GASORE Emile (Administrateur)	Cell phone # 08595750 contact
Physical address District Rukara Gahini Hospital	Mailing address B.P 77 Rwamagana
Phone #1 567489 Working Y NB: obtain copy of Bill	Fax or 2nd phone # 567489 Working Y Fax Machine Y Working N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 SIS (mensuel) to Disgass Nyagatare
1 Gahini hospital	2 Epidemiologist report to MOH
2	3 VCT integré
4	How transmit reports? Hard copies
Generator? N Capacity? KVA Who pays fuel? Who pays maintenance?	
Other1	ISP? N
Notes: <ul style="list-style-type: none"> - VCT integer pays tel bill - Fax was given by European Union; it worked for sometimes but now It has " rouleau" problem - They paid by themselves their cell phones and airtime 	

COMPUTERS and PERIPHERALS

Room Secretariat	Room Administrator
Computer Compaq deskpro Make/Model	Computer Compaq Deskpro Make/Model
CPU speed = HD = 18GB	CPU speed = HD = 18GB
Memory 128MB	Memory 128MB
Operating system: 98	Operating system: 98
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer Y Type HP Laserjet 4050 Working Y	Printer Y Type HP Laserjet 4050 Working Y
UPS? N use stabililizer	UPS? N use stabililizer
Photocopier N Scanner N	Photocopier N Scanner N

4. Cyangugu

District Gihundwe - Cyangugu	Site Name Hospital Gihundwe
Name of Contact Méd.Dir: Dr Octavien Ndakengerwa Administrateur: Rukeba Robert 08415246	Cell phone # 08849778 contact
Physical address Mairie de la ville de Cyangugu	Mailing address B.P 87 Cyangugu
Phone #1 537816 Working Y NB: obtain copy of Bill	Fax or 2nd phone # N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 Rapport d'activités de l'hôpital
1 District sanitaire	2 Rapport des maladies (pathologie)
2	3 Hospital's report to District sanitaire, to DISGASS, To MOH (epidemiologic)
4	How transmit reports? Tel, fax
Generator? Y Capacity? KVA Who pays fuel? Hospital Who pays maintenance? Hospital	
Other1	ISP? N
Notes: <ul style="list-style-type: none"> - Fax machine is on maintenance at Kigali - The old generator is for 8 houses - Unicef provides them a generator which can accommodate all the hospital, but still not installed: generator ok - No power during rain period, but they usual have electricity - The Director and Administrator get 5000 Frw for cell phone (airtime and access) - The others paid by themselves - The Medecin Directeur who makes report 	

COMPUTERS and PERIPHERALS

Room Secretariat	Room Médecin Directeur
Computer Evo D310 Compaq Make/Model	Computer Evo D310 Compaq Make/Model
CPU speed = 1.70Ghz HD = 18.6 GB	CPU speed = 1.70Ghz HD = Old machine, may be can be maintained
Memory 256MB	Memory 256MB
Operating system 2000	Operating system 2000
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer Y Type HP Laserjet 1200 Working Y	Printer Y Type HP Laserjet 1200 Working Y
UPS? Y APC 700 VA Working properly? Y	UPS? Y APC 700 VA Working properly? Y
Photocopier N Scanner N	Photocopier N Scanner N
Room Pharmacie	
Computer Compaq deskpro Make/Model	
CPU speed = HD =1.01 GB Obsolete machine	
Memory 16MB	
Operating system Win98	
NIC card? N	
Modem N	
Printer Y Type Canon BJC-250 Working Y	
UPS? N	
Photocopier N Scanner N	

District Gihundwe - Cyangugu	Site Name CPLS
Name of Contact Immaculée Mukantwari	Cell phone # 08683231 contact
Physical address Ancien bureau de Minagri	Mailing address
Phone #1 no phone NB: obtain copy of Bill	Fax or 2nd phone #N Fax Machine N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 Activity report to CNLS
1	2 Report to MAP
3	How transmit reports? Floppy disks, Internet outside, send copies by okapi cars
Generator? N Capacity? KVA Who pays fuel? Who pays maintenance?	
Other1	ISP? N
Notes: - They will move on actual Care office near the Hospital	

COMPUTERS and PERIPHERALS

<i>Room Secretariat</i>	<i>Room Secrétaire exécutif</i>
Computer EVO 310 Compaq Make/Model	Computer EVO 310 Compaq Make/Model
CPU speed = 2.00GHZ HD =37.2Gb	CPU speed = 2.00GHZ HD =37.2Gb
Memory 256MB	Memory 256MB
Operating system: XP professionnel	Operating system: XP professionnel
NIC card? Y Working? Y	NIC card? Y Working? Y
Modem Y Working Y	Modem Y Working Y
Printer Y Type HP laserjet 1200 Working Y	Printer Y Type HP laserjet 1200 Working Y
UPS? Y APC 650 VA Working properly? Y	UPS? Y APC 650 VA Working properly? Y
Photocopier N Scanner N	Photocopier Y working Y CANON NP 6317 Scanner N

Room UNDP Volunteer	
Computer Old machine (office closed)	
Make/Model	
CPU speed =	HD =
Memory <=32K 64K 128K >=256K	
Operating system: 95 98 ME 2000 XP	
NIC card? Y / N Working? Y / N	
Modem Y / N Working Y / N	
Printer Y / N Type Working Y / N	
UPS? Y / N Working properly? Y / N	

District Gihundwe	Site Name District Sanitaire
Name of Contact Dr Déo Rugaju	Cell phone # 08484407 contact
Physical address Mairie de la ville de Cyangugu	Mailing address B.P 87 Cyangugu
Phone #1 537859 Working Y NB: obtain copy of Bill	Fax or 2nd phone # N Fax Machine N
Server? N	Who reports? List all name /responsibility (e.g. ARV, PMTCT, SIS, Stock)
Line of site to (list all)? What needed?	1 SIS report monthly
1 Gihundwe Hospital	2 Epidemiology report to MOH
2	3 report to PNILT
3	4 PMTCT/VCT report monthly
4	How transmit reports? Tel, okapi cars
Generator? Y / N Capacity? KVA Who pays fuel? Who pays maintenance?	
Other1	ISP? N
Notes: - they use hospital generator	

