

DCD

TELEPRESENCE NETWORK SOLUTIONS FOR HEALTHCARE & MEDICAL SERVICES

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www.dcduganda.com



DCD VALUE PROPOSITION

THE DIFFERENCE WE MAKE is....

● AVAILABILITY

- Narrow the “medical specialist demand gaps” and
- Reduce distance between the patient and Point of Service

● ACCESSIBILITY

- Boost Customer Service Portfolio with TelePresence, Tele-Medicine and Tel-Health Care Services
- Achieve cost effective and efficient communication through VOIP Networks

● AFFORDABILITY

- Cut, reduce and eliminate time wastage and distance costs - for Patients,
- Generate cost savings opportunities on Medical and Health Care Networks Operations,
- Create self-financing possibilities through Tele-presence infrastructure sharing.

● RELIABILITY

- Increase service quality through remote access to highly skilled resources and professional expertise.

● MANAGEABILITY

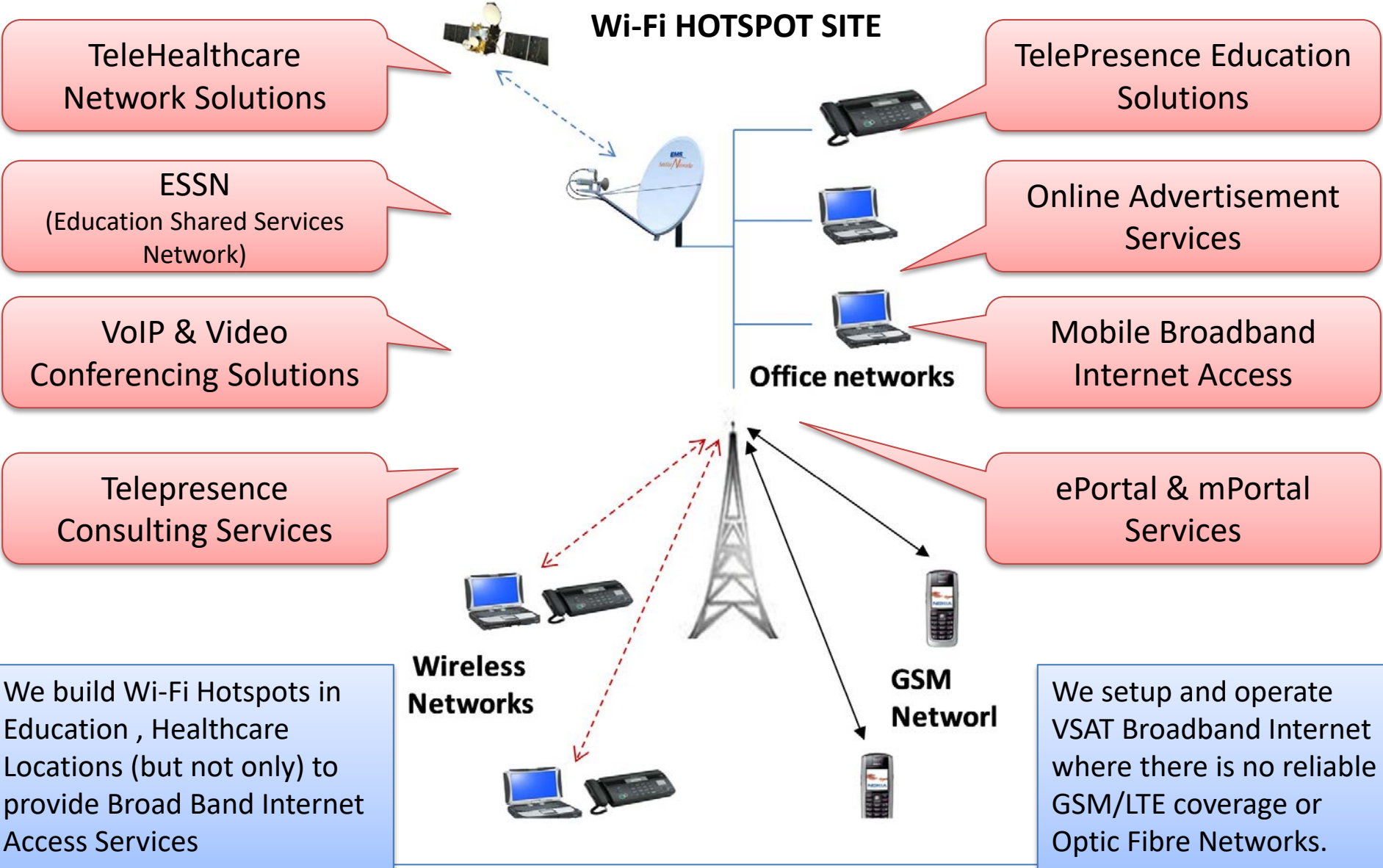
- Online real-time management infrastructure for evolving Virtual Medical Teams of Experts and Consultants,
- Online real-time management infrastructure for Data Privacy, Security and Recovery

● SUSTAINABILITY

- Open low-cost opportunities for sharing knowledge and expertise; both locally and globally,
- Develop adequate learning and medical competence development environments,
- Increase financial independence possibilities, e.g. through trading in Tele-Presence redundancies,
- Achieve and manage customer Loyalty through excellent patient experience and satisfaction

TELEPRESENCE NETWORK SOLUTIONS & SERVICES

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TeleHealthcare Network Solutions

ESSN (Education Shared Services Network)

VoIP & Video Conferencing Solutions

Telepresence Consulting Services

TelePresence Education Solutions

Online Advertisement Services

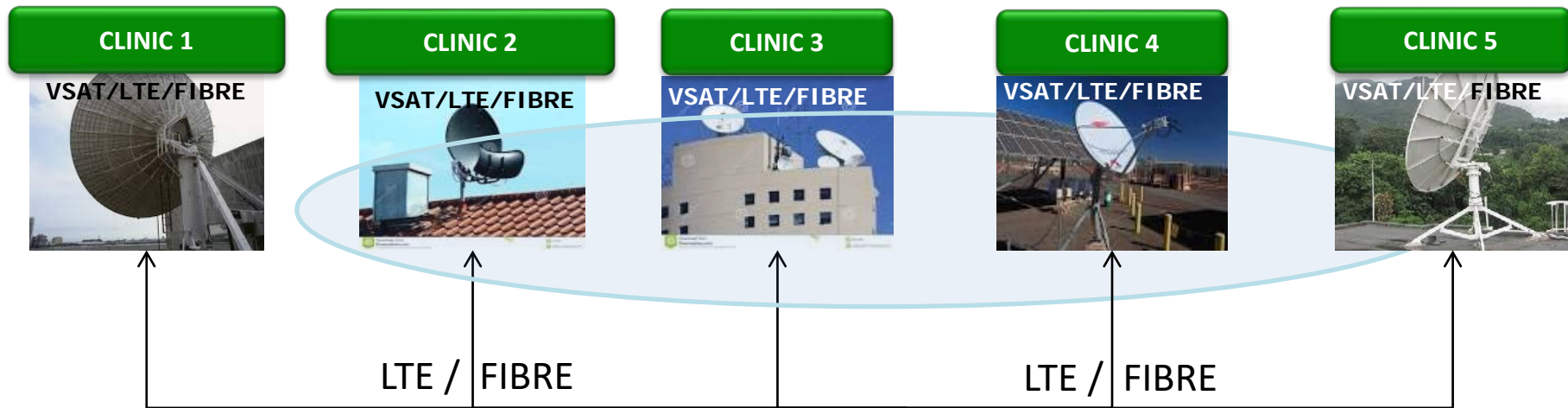
Mobile Broadband Internet Access

ePortal & mPortal Services

We build Wi-Fi Hotspots in Education , Healthcare Locations (but not only) to provide Broad Band Internet Access Services

We setup and operate VSAT Broadband Internet where there is no reliable GSM/LTE coverage or Optic Fibre Networks.

HEALTHCARE VIRTUAL PRIVATE NETWORKS (HVPN)



DCD implements VSAT (Satellite) Solutions only in locations where there is either poor or no GSM or LTE or Fibre Optic Network Coverage.

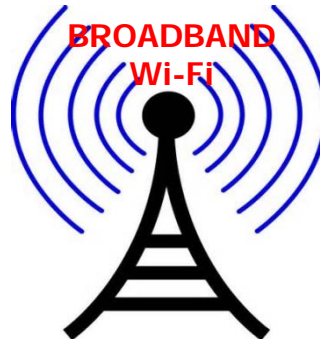
**International
Affiliated
Institutions**

TELE-MEDICINE REMOTE SERVICES

Tele-Diagnosis & Examination

Medication & Drug Advise

On-Job Medical Field Training



Location: Local, National, International

Medical Doctor/Specialist working the Medical Nurse/Specialist in the Field (Remote Area)

Locations: Rural, Urban, Nationwide

Field Medical Nurse/Specialist working remotely with the Medical Doctor/Specialist



PORTABLE TELECLINIC SYSTEMS

- Transportable desktop telemedicine mobile case Wi-Fi solution; with integrated tablet PC, USB ports and can be customized with encounter management software and medical devices for a clinical exam.
- Recommended for disaster response teams, emergency medical services, in-home clinical visits, oil rigs, mining fields and mobile health clinics.



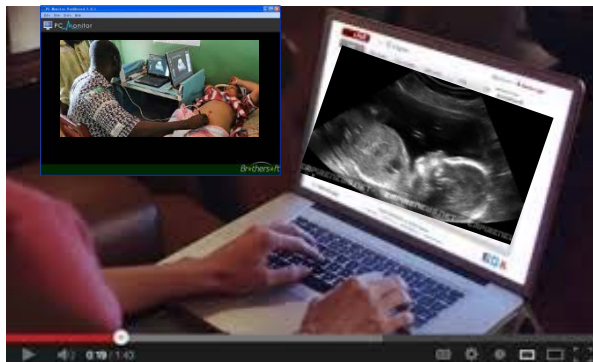
TELE-MEDICINE CLINIC SERVICES

Electronic prescription

Medical & Drug Advise

On-Job Clinical Training

Remote Clinic Management



Location: Local, National, International

Medical Doctor/Specialist sited in the hospital and working the Medical Nurse in a Remote Clinic



Locations: Rural, Urban, Nationwide

Medical in a Remote Clinic working with the Medical Doctor located elsewhere

Telepresence Devices and TeleHealth Cart Systems



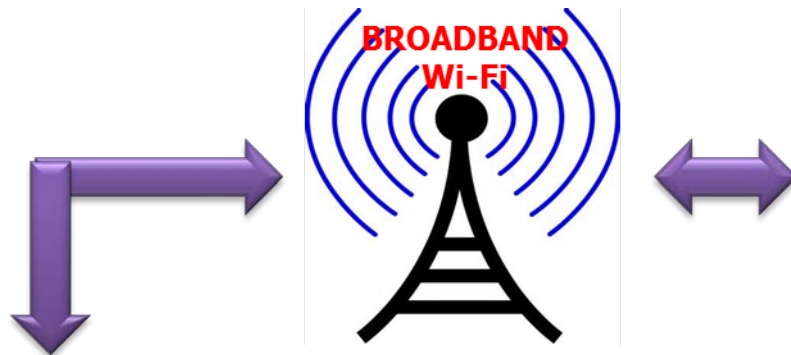
TELE-PHARMACY SERVICES

Electronic prescription

Medical & Drug Advise

On-Job Pharmacy Training

Remote Management



Locations: Rural, Urban, Nationwide

Medical in a Remote Clinic working with the Medical Doctor/Specialist located elsewhere

Location: Local, National, International



Medical Doctor/Specialist instructing Drug Specialists in a Remote Pharmacy Centre

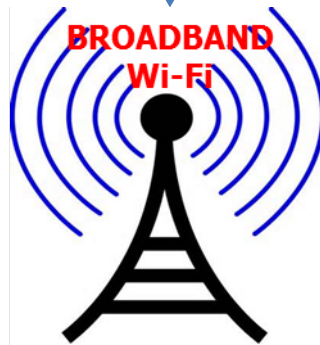
Unlimited number of Medical Doctors/Specialists anytime, anywhere can work with or Assist one Pharmacy

TELEPRESENCE MOBILE CLINICS SERVICES

MDs in different locations



Medical Doctors sited in separate locations and working with medical Specialists in Mobile Clinics stationed in different remote areas

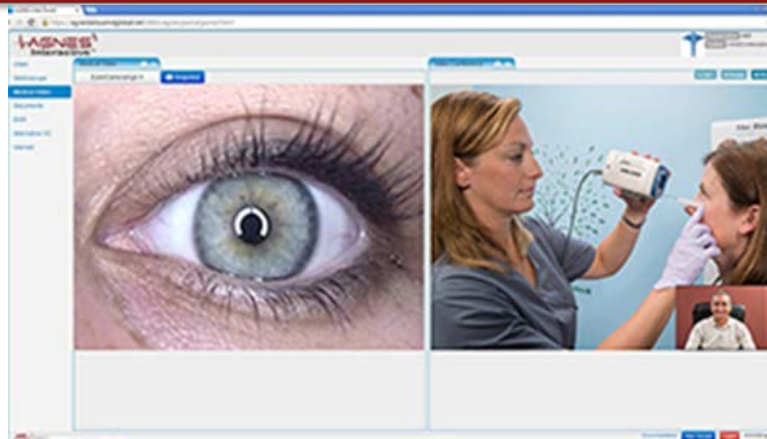


Mobile Clinics in Remote Areas



Locations: Rural, Urban, Nationwide

TELEPRESENCE MANAGEMENT SYSTEM



A Collaborative Patient Assessment Tool for Clinical Telemedicine Exams

AGNES Interactive™ is a web-based telemedicine software that enables remote clinical healthcare providers to capture and share medical device data, exchange documents and medical images in real-time, and participate in a live video conference - all in a single web-based workspace.

PRODUCT FEATURES

Delivers 100% Live Access to a Patient from Any Remote Location

- Transmission of all medical data is done in REAL-TIME and does not rely on any content sharing applications.

Provides Complete Physician Mobility

- Remote users have web-based access to exam site.

Captures Quality Medical Data

- Integrates with over 40 Medical Devices. Look for the AGNES-Ready icon on our each medical device product page.

Enables Live Video Conferencing

- Clinician and remote specialist can teleconference, using the point-to-point video module or the integrated.

Communicates Medical Data at Low Bandwidths

- Two simultaneous video streams as low as 512kbs and one stream from the medical video devices as low as 256kbs. Can also be configured for UDP and TCP.

TELEMEDICINE EQUIPMENT & DEVICES

DCD TELEHEALTH CARTS NETWORK SOLUTIONS AND SERVICES

CUSTOMER SITE LOCATIONS

- Nursing Homes And Health Care Centres
- Medical Clinics And Hospitals
- Mobile Clinics and Ambulance Services

MEDICAL SERVICES

- Tele-Nursing and Tele-Diagnosis
- Tele-Consultation and Tele-Monitoring
- Tele-Training and Tele-emergency

BENEFITS FOR PATIENTS

- Facilitates the availability, accessibility and affordability of Health Care,
- Enables Cost and Time Savings, by eliminating travel needs,
- Increases Quality of Service (QoS) to the Patient Through Consistent Care
- Facilitates the monitoring of chronic disease or on-going support care
- Guarantees, Health Care Continuity.

BENEFITS FOR MEDICAL SPECIALISTS

- Continuity in patient care in a timely manner,
- More efficient time management for consultations,
- Better communication between peers and support care for patients,
- Ability to run training programs for regional and remote nursing staff
- Facilitates Manageability and Sustainability of Affordable High QoS

EQUIPMENT PURCHASE AND SERVICE OPERATIONS

- Pricing Packages: Based on Customer Project Requirements and Needs
- Delivery from manufacturer to customer site: 6-8 weeks
- Installation, operation and maintenance: by DCD based on Customer SLA



TELE-MEDICINE AND TELE-NURSING SERVICES

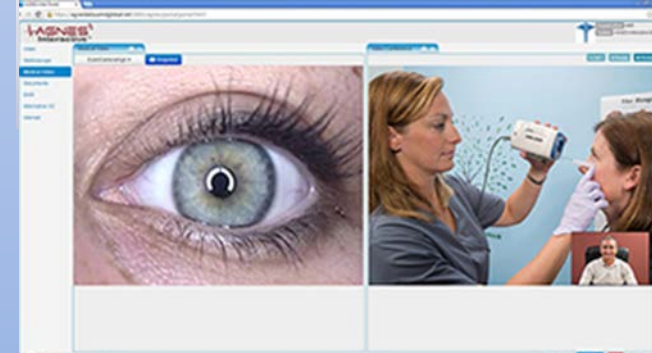
TELE-MEDICINE SOLUTIONS AND SERVICES

- DCD develops strong strategic alliances with Telemedicine Solutions Vendors to provide services that can be extremely beneficial for people living in isolated communities and remote regions and is currently being applied in virtually all medical domains. Patients who live in such areas can be seen by a doctor or specialist, who can provide an accurate and complete examination, while the patient may not have to travel or wait the normal distances or times like those from conventional hospital or GP visits.
- The first Tele-medicine product solutions we launch during the pilot project are: a) Telehealth carts, b) Patient-Physician Interaction Systems (PPIS) and many more to follow.



TELE-NURSING SOLUTIONS AND SERVICES

- DCD provides TeleHealth Carts applicable in Tele-Nursing, which refers to the use of telecommunications and information technology in order to provide nursing services in health care whenever a large physical distance exists between patient and nurse, or between any number of nurses. Tele-Nursing is part of Telehealth, and has many points of contacts with other medical and non-medical applications, such as Tele-Diagnosis, Tele-Consultation, Tele-Monitoring, etc..



TELE-PHARMACY AND PPIS SERVICES

TELE-PHARMACY SERVICES

- DCD will form strong strategic alliances with Tele-Pharmacy Vendors who are shaping the growing trend for providing pharmaceutical care to patients at remote locations where they may not have physical contact with pharmacists. This encompasses drug therapy monitoring, patient counselling, prior authorization, refill authorization, monitoring formulary compliance with the aid of teleconferencing or videoconferencing. In addition, video-conferencing is vastly utilized in pharmacy for other purposes, such as providing education, training, and performing several management functions.



PATIENT-PHYSICIAN INTERACTION SYSTEMS (PPIS) SERVICES

- DCD develops and tests the PPIS solutions during the customer pilot projects. The main objective is to develop and interaction system platform with:
 - Multiple options for Patients to interact with specialists from different disciplines (medical, dieticians, counsellors, etc.) anytime and anywhere (locally and beyond borders), and
 - Real-time access (for specialists) to valid and reliable patient medical data / info, required to work out solutions, advice info packages and recommendations.
- Overall, the interaction systems work in wireless internet environment and user portal applications that can/will run on PCs, laptops, wireless handsets and devices.

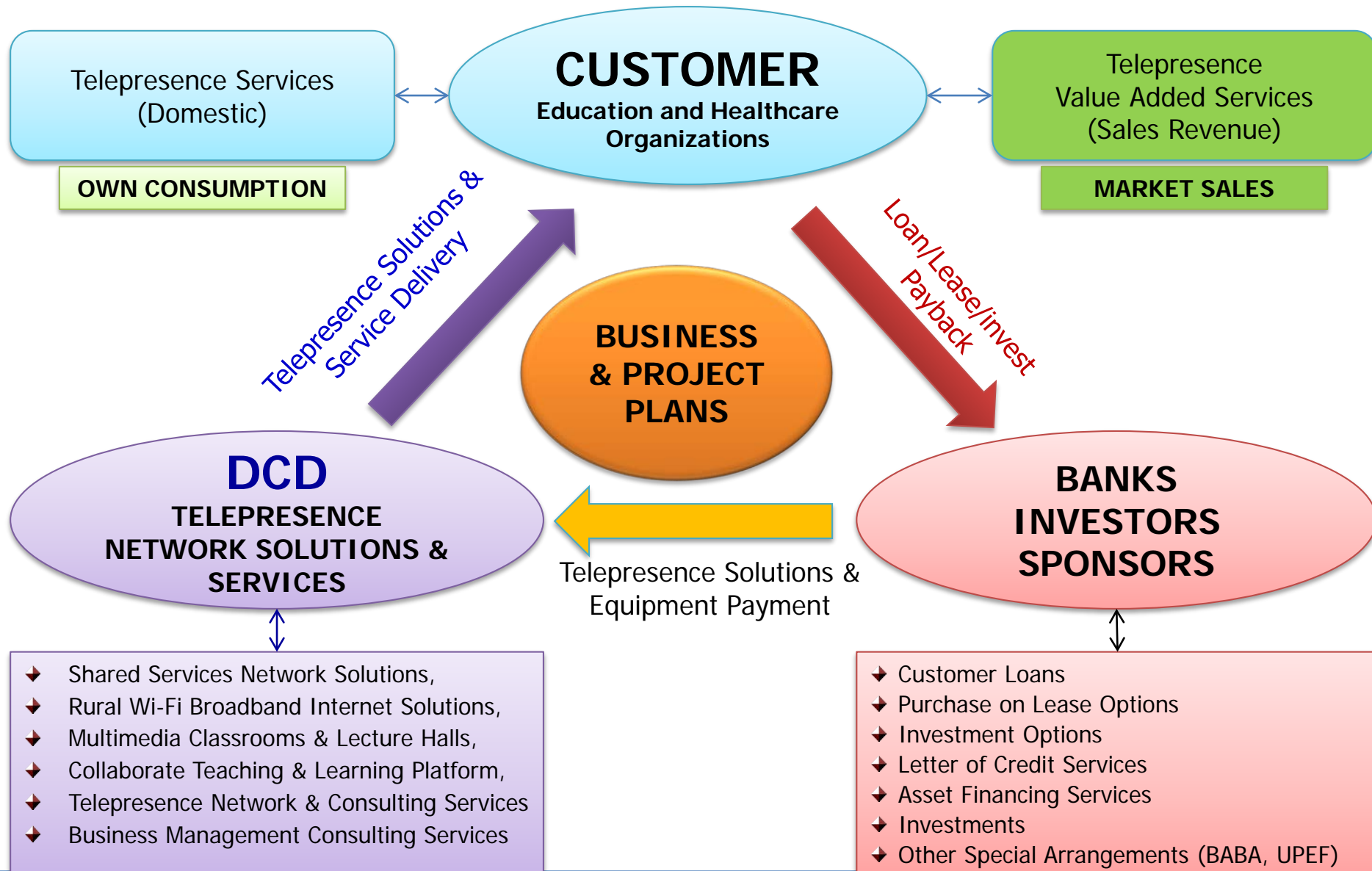


DCD TELEMEDICINE SYSTEMS & DEVICES

PRODUCT	DIAGNOSIS /EXAMINATION USAGE
1. General Examination Camera	1. Remote multi-purpose patient examination.
2. Dental Examination Camera	2. Capture images of intraoral structures and teeth.
3. ENT Otoscope	3. Full range of ear, nose and throat examinations.
4. Dermoscope	4. Visual observation of the epidermis.
5. Ophthalmoscope	5. Closely examine a patient's inner eye.
6. Naso-Pharyngoscope	6. Upper airway from the nasal passage to the vocal cords
7. Laparoscope	7. Light up and magnify the structures inside the abdomen
8. Sinuscope	8. Examine nasal and sinus passages
9. Camera & Illumination System	9. Capture quality digital image for examination and evaluation
10. Digital Video Colposcope	10. Clinical examinations of the cervix, vulva and vagina
11. Telephonic Stethoscope	11. Listen to the patient's heart/lung sounds at the same time
12. Littmann Electronic Stethoscope	12. Capture auscultation sounds, unique heart and lung sounds
13. Vital Signs Monitor	13. To capture and document patient vital signs
14. 12-Lead Digital ECG I	14. PC-based resting electrocardiograph system
15. ECG Glove	15. A replacement for conventional 12-lead ECG devices
16. Digital Spirometer I	16. Quickly evaluate respiratory issues
17. Digital Holter Monitoring System II	17. Capture infrequent or activity-provoked ECG rhythm abnormalities
18. Non-Mydriatic Retinal Camera	18. Capture images of the retina and the anterior segment of the eye
19. Abdominal USB Ultrasound Probe	19. Perfect for OB, GYN or other internal examinations
20. Vascular USB Ultrasound Probe	20. Images of the superficial areas of soft tissue, arteries & veins
21. Trans-Vaginal USB Ultrasound Probe	21. Examine to evaluate abnormal bleeding, pain, tumors or infections
<i>22. Other</i>	<i>22. Contact DETN if what is needed is not on this list</i>

**CUSTOMER PROJECT
FINANCING & BENEFITS
FOR HEALTHCARE AND
MEDICAL
ORGANISATIONS**

CUSTOMER PROJECT FINANCING OPTIONS



PROCEDURE FOR FINANCING

- **Prepare a Business Plan for Telepresence deployment in the School or University Premise,**
- **Setup a Pilot Project Specification Plan based on the Business Financial Plan,**
- **Present both the Business Financial and Pilot Project Plans to Financers,**
- **Get the funding in place for pilot project rollout,**
- **Implement (Roll-Out) the Pilot Project as planned,**
- **Conduct Risk Evaluation and Assessment based on the Pilot Project,**
- **Review both the Business Financial Plan and the Project Specification Plan,**
- **Make decisions for further project activities on a larger scale,**
- **Consider separate plans for accommodation, gastronomic services and leisure & tourism services you review business and project plans.**

THANK YOU!



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