Accessible Americas IV: ICTs for ALL

Presentation of the
Caribbean Telecommunications Union’s
Proposed
Caribbean Video Assistance Service

San Jose, Costa Rica
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CTU Members

Anguilla
Antigua/Barbuda
Bahamas
Barbados
Belize
British Virgin Is.
Cayman Is.
Cuba
Dominica
Grenada
Guyana
Jamaica
Montserrat
St Kitts/Nevis
St Lucia
St Maarten
St. Vincent &
The Grenadines

Suriname
Trinidad & Tobago
Turks and Caicos

ARIN * Bureau Telecommunicatie en Post (Curacao) * Dauphin Telecom * Digicel (Trinidad & Tobago) * Eastern Caribbean Telecommunications Authority * International Amateur Radio Union (Region2) * ICANN * ISOC * LACNIC *
Puerto Rico Regulatory Board * Telecommunications Authority of T & T
CTU Mandate

- Harmonised ICT Policy Formulation
- Regional ICT Project Coordination
- ICT Capacity Development
- Advice on ICT issues
- Caribbean Representation
- Industry Watch
Caribbean Video Assistance Service (CVAS)

- A collaboration between the CTU and VTCSecure
- VTCSecure: a global company providing technology to facilitate communication for blind and deaf persons
- Other collaborators: PWDs, PWD organisations, Govt. Ministries, Regulatory Authorities, Network Operators, IT Organisations and others
CVAS provides communication services to:

via the Internet
CVAS Uses Smart Devices

Equipped with VTCSecure’s Free Personal Universal Communicator Application
CVAS Uses VTCSecure’s

S.O.L.V.E.S - Secure On-Demand Video Enablement Solution Platform

Agents
(Sign Language Interpreters)
Centre or home based

Network Operator
Server running
SOLVES
8-core, 16GB RAM
5-10Mb Network/
CVAS Network Configuration

Network Operator
Server running
SOLVES
8-core, 16GB
RAM
5-10Mb
Network/

PSTN Network

INTERNET

Agent

Hearing Person

Hearing Person

Hearing Person

Hearing Person

SIP TRUNKS

SIP TRUNKS

SIP TRUNKS

SIP TRUNKS

PWD

PWD

PWD

PWD
CVAS Capabilities:
Deaf to Hearing/Hearing to Deaf via Agent

Sign Language
Voice
CVAS Capabilities:

Deaf to Deaf using PUC

Sign Language

Sign Language
CVAS Capabilities:
Hearing to Deaf/Deaf to Hearing/using PUC

Voice to Text or Text

Text
CVAS Capabilities:
Video Assistance for the Blind via Agent

Smart Phone Camera used to Scan the Environment

There is a fence directly in front of you. Turn Right.
CVAS Demonstration:
Deaf to Hearing via Agent
CVAS Demonstration: Blind to the Agent
Caribbean Telecommunications Union

Caribbean Video Assistance Service (CVAS)

THANK YOU

Questions? Comments?