Connecting the Next Billion Minds…

Connectivity for Transformational Extractive-Sector CSR

Geeks Without Frontiers

- Non-Profit Humanitarian Organization
- 10-Year Goal: To Connect the Next Billion Minds…

Exponential Connectivity Policy

Geeks is Advising the U.S. and Other Governments on Model Law for…

- Fiber
- Wireless
- Satellite

DigOnce!

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Accelerating Fiber Deployment

- 85% of Cost is Digging Trenches
- Policy Enabling Installation of Fiber Conduits During Road Works
- US Government First to Adopt Geeks' Contribution to BDAC Model Law
- Advocacy Underway Worldwide

CommunityConnect!

Fast-Tracking Satellite Access

➢ Developed Regulatory Best Practices

➢ Licensing Reforms Underway Worldwide

➢ Endorsement by & Awards from…

Arthur C. Clarke Foundation, Asia Pacific Satellite Communications Council, EMEA Satellite Operators Association, the Space & Satellite Professionals International, the International Space University, the International Institute of Space Commerce, the Danish Telecom Industry Association, the Satellite Industry Association, and the American Institute for Aeronautics and Astronautics

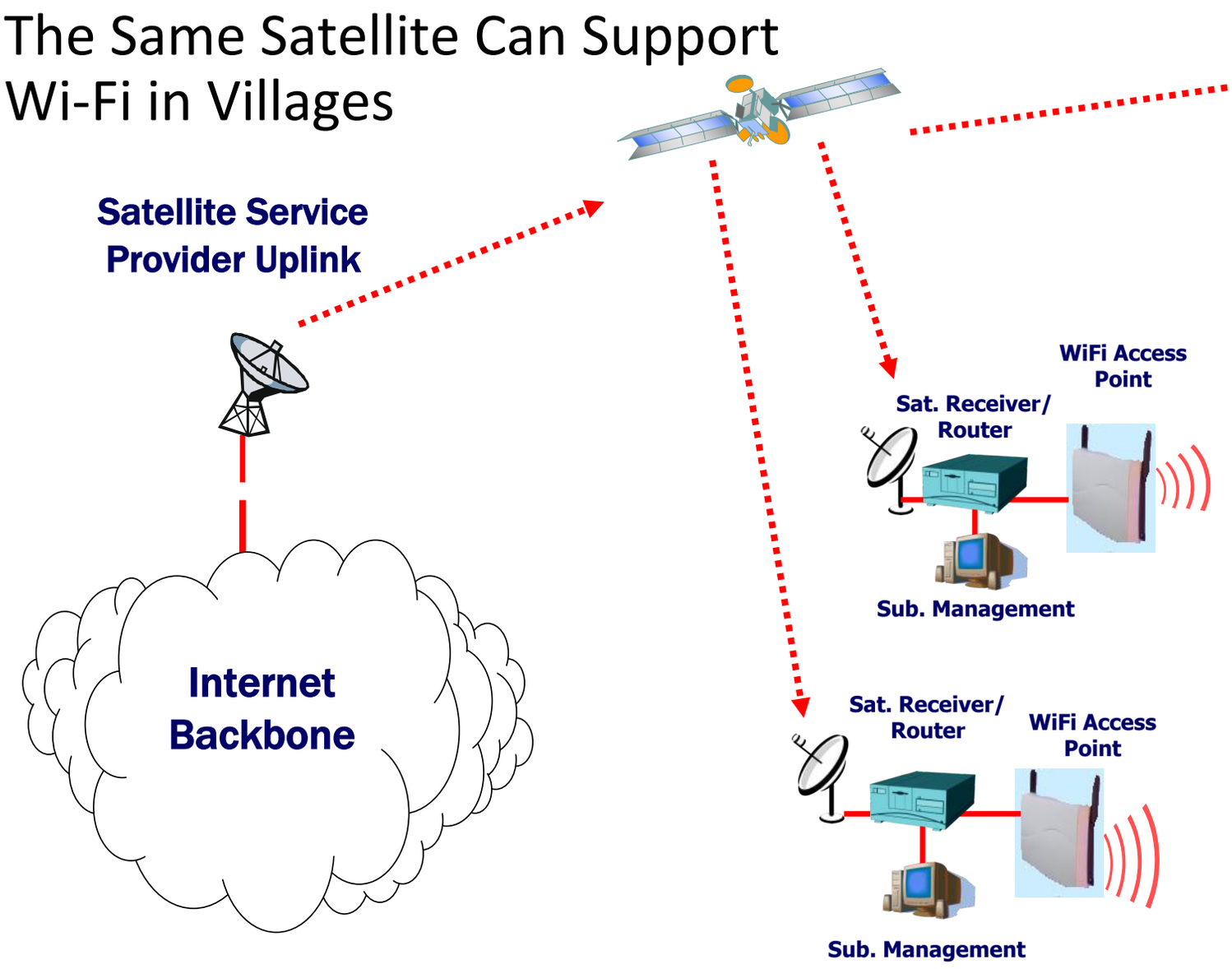
Tailoring Connectivity Solutions

- Enabling High Impact Mining-Sector CSR Programs
- Empowering Communities with Connectivity
- Employing Applications that Enrich Lives, Educate Youth…and Strengthen Brand

The Opportunity: Connectivity Supplier's Infrastructure is Already In-Country, Enabling…

- Automation = Crew Reduction
- Crew Connectivity = Higher Morale/Lower Churn
- Remote Real-Time Decision Making = Higher Efficiency
- Real-time Supply Orders = Reduced Operating Costs

The Same Satellite Can Support Wi-Fi in Villages

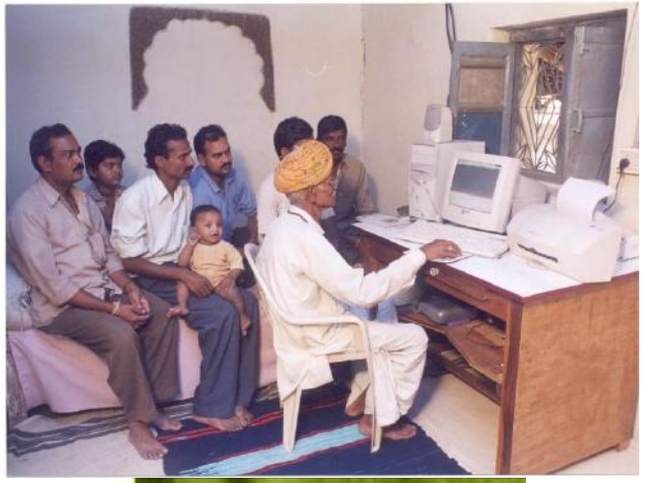


The Wi-Fi Can Deliver Internet to Schools

- Mexico's Ministry of Education bringing a learning environment to over 150,000 classrooms
- 17,500 secondary school classrooms in Mexico and 37,500 primary school classrooms
- 40% of the secondary school classrooms in the country

And Support Information Kiosks

- Bridging rural income disparities
- Creating new profit opportunity
- 4,000 E-Choupals (Information Centers) connected to Internet
- Networked across 5 Indian states to seamlessly connect farmers with large firms and global markets



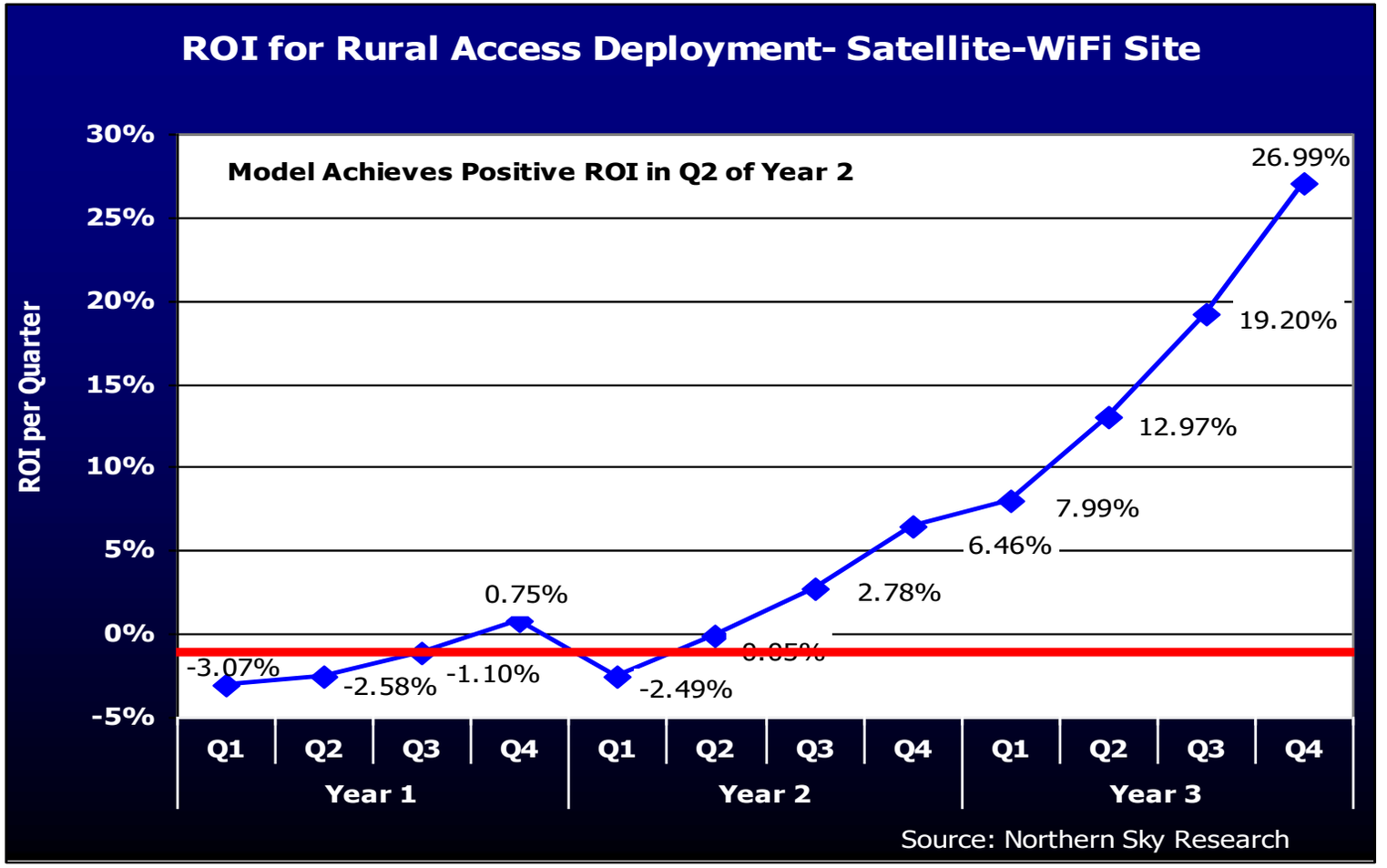
And Promote Local Literacy

NGO Uconnect Linked Kashozi Computer Lab with Ericsson GSM

Massive GSM Rollout in Developing World was Enabled by use of Satellite Backhaul and Included Operators Such As:

- **Vodacom**
- **MTN**
- **Celtel/Zain**
- **Other**

And Create Local Jobs

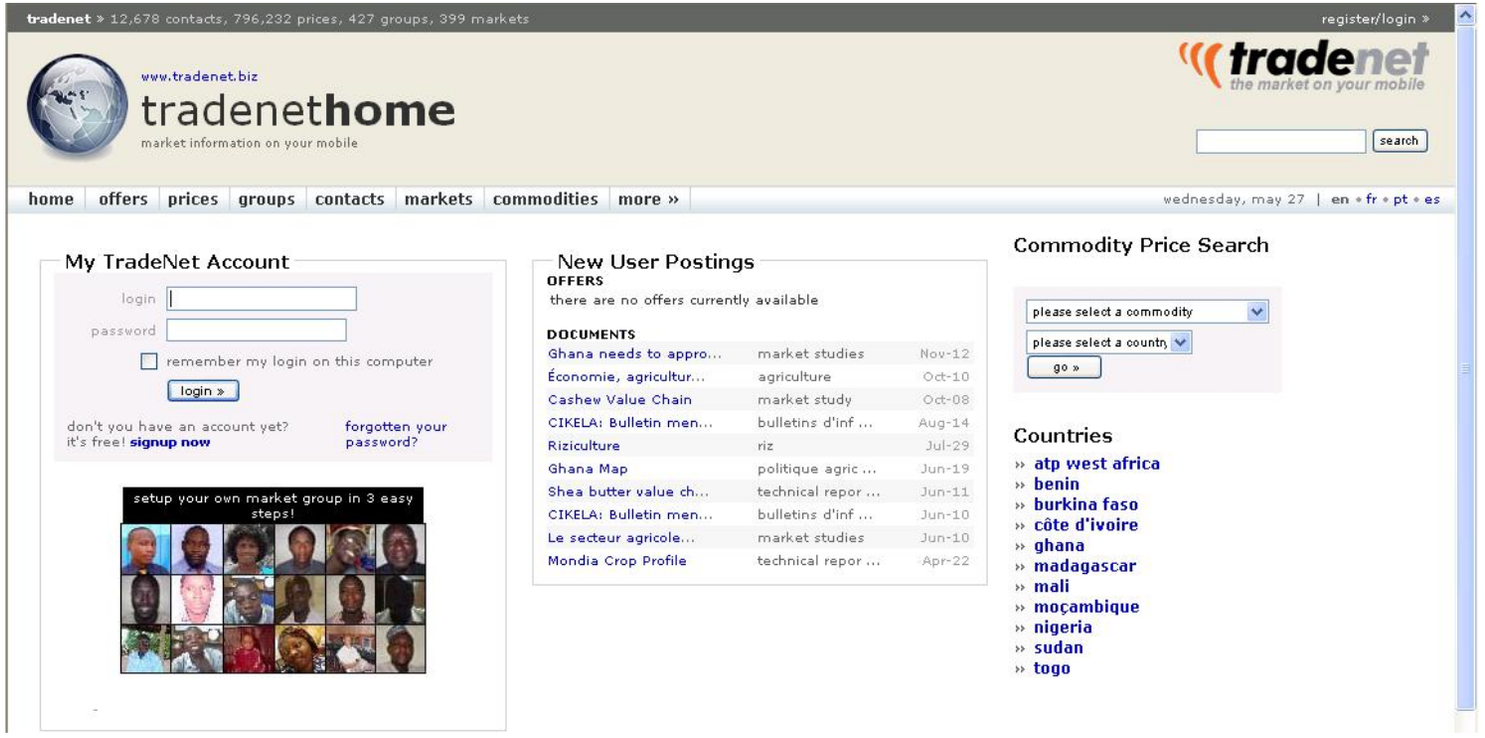


Infrastructure Synergies

- The Supplier Can Provide Ring-fenced Capacity on Network for Communities in Areas Where They Have Operations, Or…
- The Supplier Can Install Separate Infrastructure for Use by Communities
- Either Option Provides Economies of Scale
- The Supplier Can Install Infrastructure in Other Areas Determined by Central/Regional Administrations

Option to Leverage Local Services

Esoko/Tradenet – linking farmers and markets throughout Africa.
(Also Reuters' *Market Light* facility in India)



And Leveraging Low-Cost Tools

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$50 laptop project (UN/MIT)

one
laptop
per
child

Mi-Fone $30 handset

A small machine with a big mission. The XO is a potent learning tool designed and built especially for children in developing countries, living in some of the most remote environments. It's about the size of a small textbook. It has built-in wireless and a unique screen that is readable under direct sunlight for children who go to school outdoors. It's extremely durable, brilliantly functional, energy-efficient, and fun.

read more

Using Proven Capabilities

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PRESS RELEASE

O3b Networks, With Support from Google, Liberty Global and HSBC, To Deploy World's First High-Speed, Low-Cost Satellite System to Transform Communications Access for Billions Worldwide

--New communications system to enable low-latency trunking for emerging markets --

Last update: 2:00 a.m. EDT Sept. 9, 2008

ST. JOHN, Jersey, Channel Islands, Sep 09, 2008 (BUSINESS WIRE) -- O3b Networks Ltd. today announced it will begin deployment of a new global communications infrastructure to provide hi low-cost Internet connectivity to emerging markets in Asia, Africa America and the Middle East.

Backed with financial and operational support from Google Inc., L Inc. and HSBC Principal Investments, the new system will reduce

Case Study

Wireless Internet Links Highland Community to the World

Intel, USAID and VDC use WiMAX to bring broadband Internet access to the mountains

Nestled in the Hoang Lien Son mountain range in northern Vietnam is the small, picturesque village of Ta Van. Set in a tranquil landscape of rice terraces and roaming water buffalo, Ta Van is an unlikely highland location for a small technological marvel that holds potential for replication in other remote villages around the world.

With help from Intel, Vietnam Data Communication Company (VDC), a subsidiary of Vietnam Post and Telecommunication Group (VNPT), and the United States Agency for International Development (USAID), Ta Van has managed to establish Internet links with the surrounding region and indeed, the rest of the world—no mean feat for a remote village that previously struggled with weak mobile phone signals and has only two fixed-line phones.

Though still in the early stage, the success of the Ta Van project thus far has its partners optimistic that the solution can be replicated in other remote communities in Vietnam, as well as other underserved regions throughout the world.

News Release

HUGHES.

FOR IMMEDIATE RELEASE

Hughes Brings Broadband Internet to Amazonas

First large-scale deployment of WiMAX and WiFi with satellite backhaul in Brazil

Germantown, Maryland, November 24, 2008 — Hughes Network Systems, LLC (HUGHES), the global leader in satellite broadband networks and services, today announced that its Brazilian operating entity, Hughes do Brasil, has won a public tender and signed a 36-month contract with PRODAM – Data Processing Company of the State of Amazonas, to deploy a turnkey broadband ombines WiMAX and WiFi access technologies with satellite backhaul. n, PRODAM will provide high-speed wireless Internet access service to ll 61 municipalities of Amazonas, including government agencies, small blic at large.

inforest and with the world's most voluminous river, the State of Amazonas hallenge for delivery of high-speed Internet service on such a large and ale. The project calls for Hughes to install and operate WiMAX and WiFi in every municipality, together with over 900 wireless customer premises grated service delivered over its nationwide HughesNet® broadband satellite ation includes a high performance, Hughes HX broadband satellite router, kkhauling of the IP traffic over satellite channels to the HX hub located in tal. In Manaus, the hub is connected to PRODAM's data center and to the

Conclusion: Win, Win, Win…Win

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- ✓ ***Governments:*** *Higher Standards of Education, Health, New Jobs, Increased GDP, (Stronger Tax Base)*
- ✓ ***Communities*:** **Improved** Access to the 'Global Village', Education, Health Services, Vocational Training
- ✓ ***Oil/Gas/Mining Co.:*** Lower-Cost, High-Impact, Branded CSR Solution
- ✓ ***The Supplier:*** *Collaborative CSR Solution with Valued Client*

Join Us! / Call to Action

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