Internet for Everyone:
Bring Internet to 3B Now

Let Bottom of Pyramid Drive World Economic & Social Development

Voice Internet Access With Any Phone

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The Need

- ***Information*** is ***'Money'***.

- **Largest source of information is the *Internet.***

- **Internet should be for *Everyone* (Education, Communication & Economy)**

Everyone Should Have Right To Access the Internet

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The Problem / Opportunity

- **Internet Access is Very Limited**
  - **Only 14% of Global Phone Users has Internet**
  - **450M connected computers vrs Over 3B phones**

- **Barrier to Access**
  - **Lack of computer or computer skills**
  - **Access through a personal device is very limited, difficult, visual, and expensive**
  - **Many modes of Mobile Access not practical with visual display: car; walking, ..**

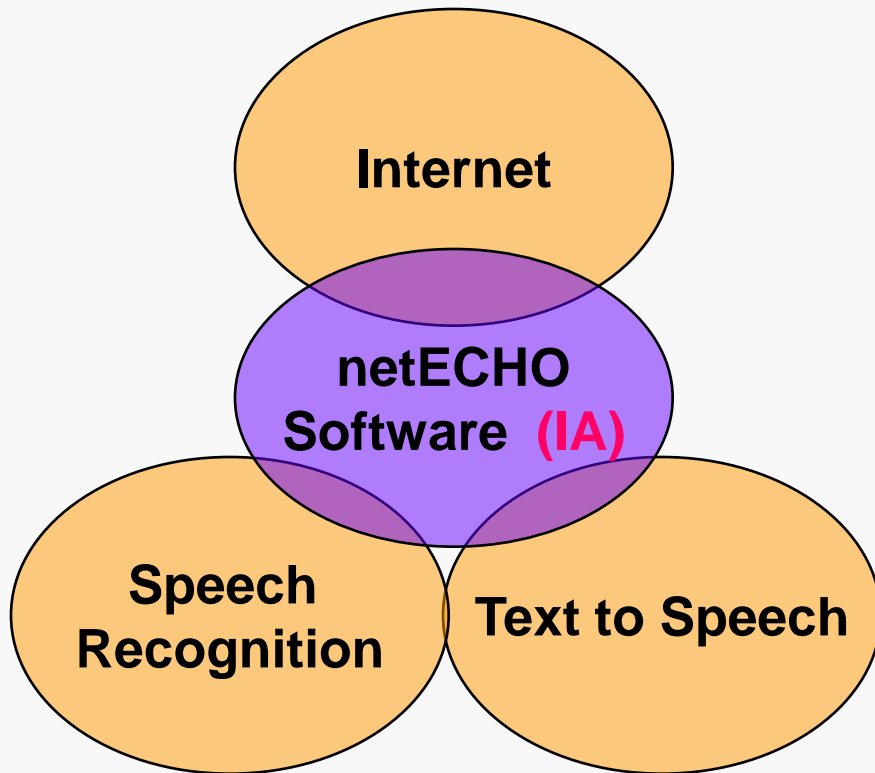*Computers or PDAs CAN NOT Totally Bridge the Digital Divide & Can NOT Bring up the Bottom of The Pyramid*

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Company Background

- **A Technology Company with Very Good Technology and Product Roadmap, founded in 1999.**

- **Developed the world's only "True" voice-Internet technology.**

- **Patented Technology**
  - **Several patents**
  - **broad claims resulting Very High Entry Barriers**
  - **Founder holds 13 patents from prior works**

- **Market Introduction**
  - **First release in Nov' 02, Current version 5.1**
  - **In Commercial Operation over 3 years with Paying Customers**
  - **Multiple Languages & Applications**

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Solution: Paradigm Shift – Voice Internet

Internet

netECHO Software (IA)
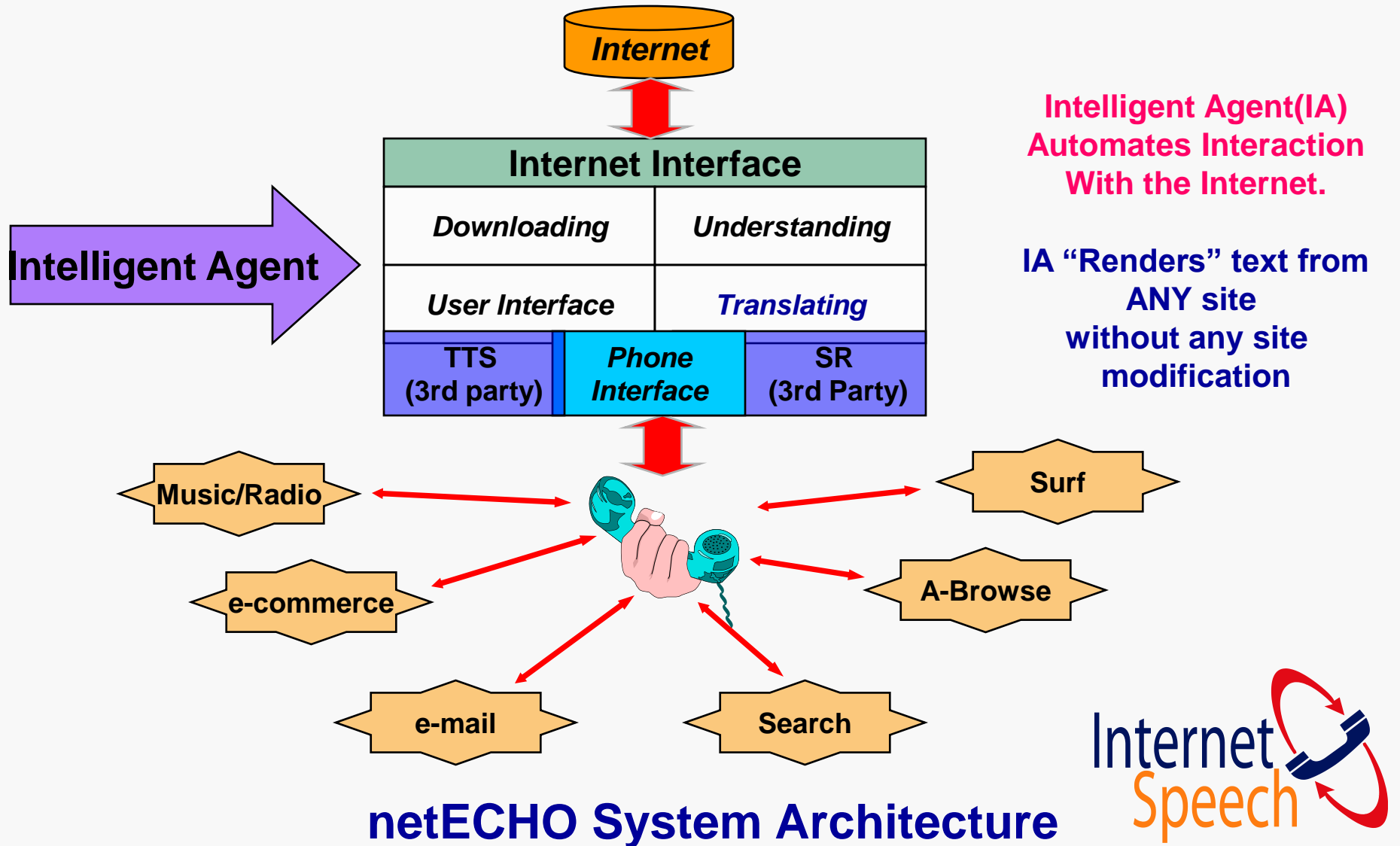
Speech Recognition

Text to Speech

Any Phone

Automation is the KEY

- **Intelligent Agent (IA)**
- **Mediates between user and the Internet**
- **Retrieves and "Renders" text on ANY site without site or content modification**
- **Renders to Short, precise, meaningful, easily navigable and pleasant to listen to.**

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The Core Technology

netECHO System Architecture

How Rendering Works?

- **Automatically Determines key Information of the page: Page Highlights**

- **Uses similar algorithms that our eyes and brain uses in selecting key information of a page**

- **Uses the information already available on the page (e.g Meta Data - bold, font size, content density, links,..) to determine the Page Highlights**

- **Uses matching techniques, semantic analysis and language processing to determine relevant contents on the linked pages**

Value Proposition

- **Access to the entire Internet by any phone, anytime, anywhere (including in a car) without using a computer (Bridges Digital and Language Divides – Help Bottom of the Pyramid)**

- **Serves as a profitable value-add service for ISP's,Telco's and Wireless providers**

- **Allows Businesses and Governments to voice-enable websites and applications with > 5X savings in both development and maintenance cost**

- **Significantly Eases Accessibility**

Application Example: Education

- **Many schools do not have computers**

- **Many students do not have computers at home**

- **Many homes and schools have more students than number of computers**

- **Many schools do not have enough teachers who know computer and Internet**

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Application Example: Education

- **Internet Access from home (to do homework, projects, etc) and e-Learning are integral part of Next Generation Education**

- **Voice Internet is a Low Cost, Easy to Learn practical way to meet the Internet Access and e-Learning needs!!!**

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Strategy to Deploy Worldwide

- **Deploy the Technology through partnership:**
  - **Organizations (UN, NGOs, Govts, Youth, …)**
  - **Educational Institutes (schools, colleges, universities, …)**
  - **Service Providers (ISPs, Carriers, ASPs), Content Providers, Voice Portals, System Integrators, VARs,…**

- **Sponsor and participate in Key Projects in Education, Communication and Economic Development**

Proposed Top 4 Policy Steps

- **Ensure Low, affordable calling rate when access the Internet by Phone**

- **Make Voice Internet Available at All Internet Kiosks**

- **Make Voice Internet as Part of Computer Training**

- **Make Voice Internet Available to all Schools**

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Future Products

- **Voice Computer**
  - **Phone Based Access to Computers**
- **MicroBrowser**
  - **Allowing all websites to be effectively viewed on a cell phone screen (or PDA) without re-writing any website; thus making the Wireless Internet a Reality.**
- **PSTN to PSTN thru VoIP**
  - **Allowing VoIP call from any phone to any phone without a Broad band connection or Broad band phone.**

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Let Bottom of the Pyramid Drive World Economic and Social Developments

- **Providing Voice Internet bridges the Digital and Language Divides**

- **Voice Internet also helps Education**

- **Education in turn helps Innovation and Entrepreneurship**

- **Innovation and Entrepreneurship in turn drive Economy**

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Let Bottom of the Pyramid Drive World Economic and Social Developments

> ***Use the Brain Power of the Bottom of the Pyramid for Local & Global Development***

> ***They may be poor BUT their Brain Powers Are Not***

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Let's Work Together To

- **Truly Bridge the Digital & Language Divides**

- **Help in Education and Other Key Areas:**
  e-Gov., e-Commerce, e-Health, Banking,…

- **Use Voice Internet by Consumers, Businesses, Govts., Civil Society,…**

- **Inspire Innovation and Entrepreneurship**

Drive *A Better Future for All of Us!!!!!*

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