

Voice INFOpoint

CONFIDENTIAL

May 2009 -- E3C SRL

Voice Web INFOpoint

Summary

The Voice INFOpoint is a **portable** device for quickly and easily accessing information from the web, without use of a computer. User interface is specially studied for Visually Impaired people and non-computer experts.

Voice Web INFOpoint

What it does

Reads content of web-pages selected by user (on demand access, like a TV remote-control), making them **accessible** by filtering unnecessary stuff (pop-ups, javascripts, banners/ads etc..).

Can be used at home or in office. User can then take wherever they want his/her preferred content.

It is designed with very simple and direct interface for people who cannot or don't want to learn to use a computer.
Eg. blind people, old people or farmers (with LCD version)

Voice Web INFOpoint

A) Use Case "Voice Web" for Blind People Version

1. User presses Channel button to select type of information wanted from WWW (eg. news, local events, weather, request help channel, favorite forums/blogs..)

The device automatically:

1. connects to internet (adsl, GSM/3G.. *depending on option*)
2. gets information
3. filters out graphics, pop-ups, banners etc..
4. extracts text INFORMATION contents
5. reads it with modern text to speech (TTS) sw
6. stores last information locally
7. converts to mp3 accessable file so user can listen to information as mp3 player anywhere or without internet access

Voice Web INFOpoint

B) Use case "INFOpoint" for Easy Access Version

Similar to Blind people version but LCD display as well (6)

1. User presses channel button to select type of information wanted from WWW (eg. news, local events, weather, request help channel, favorite forums/blogs..)

The device automatically

1. *connects to internet (adsl, GSM/3G..depending on option)*
2. *gets information*
3. *filters out most graphics, pop-ups, banners etc..*
4. *extracts text INFORMATION*
5. **displays on LCD and reads it with modern text to speech (TTS) sw**
6. *stores information locally*
7. converts to mp3 accessible file so user can listen to information as mp3 player anywhere or without internet access

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Channels used instead of URLs (http://www....) so immediate. With sub-channels can select more specific information. Like a TV, channels may be configured and organized by user who wishes to.

eg.

- news (general and local to user*)
- market channel (request service, buy stuff)
- weather
- research engine
- user* favorite blog/forum
- podcast, music
- ...
- Help request
- UPDATE/ CONFIGURE channels

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Key features: **Simple and Easy**

simple and functional modern industrial design

easy to install: use it out of the box

easy to use. "Tangible"/tactile User Interface*. Few buttons, like a calculator or remote control. Vocally guided help. Can talk to device to send vocal messages to the internet.

No need to use computers, continuously changing sw, complicated environment.

easy to update: just press the update channel button like reading a web page to select new channel, whenever you want

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Technology

The design of this device is possible thanks to most sophisticated microprocessors (System On Chips) and advanced software techniques now available at lower costs.

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Industrial Design Concept

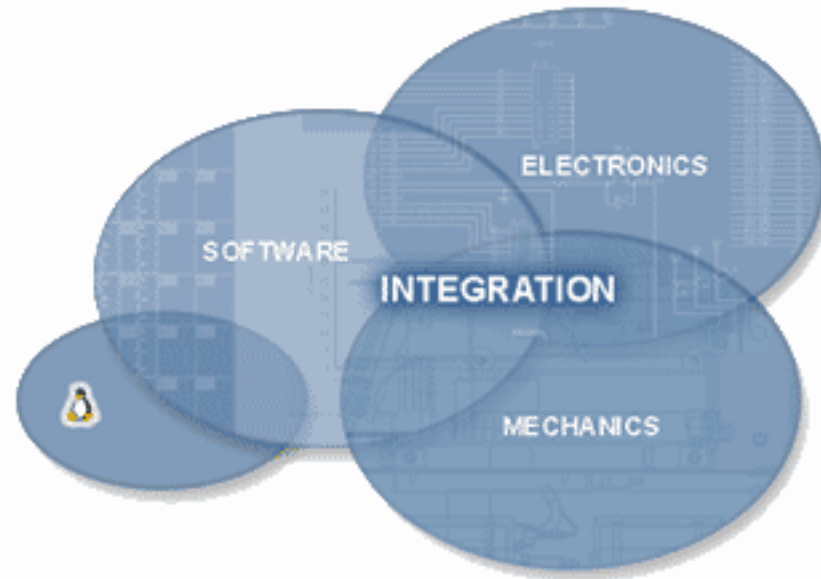
- ergonomic. Can operate with one hand or on table
- solidly built
- tactile: no need to look at the device to operate it
 - LCD is an extra feature but NOT necessary
 - "big" numeric keypad (find easily)
 - use of switches and wheels/slides for power/volume (tangible immediate feedback)
- > easy to learn and use autonomously
- quick docking station

About us: E3C srl



E3C srl is an Engineering Company based near Ivrea (Torino), Italy and operating worldwide.
Founded in 2002 by high profile professionals covering a wide range of skills
Focused around two businesses:

- on-demand hardware and software development and low volume production, with hi-tech contents
- development of embedded electronic appliance customizable for various uses



Please see www.e3c.it for more information