Table of Contents

The Pitch
History of CAPTCHA
Technology Patents
Competitive Advantages
Potential Uses
Market
The Numbers
Competition
HVCFI
Why?
Conclusion

The days of keyboard and mice input are coming to an end. With multi-touch and voice recognition taking hold in the market place, Audio Vault is leading the way in capturing voices to humanize voice recognition with vCap.

History of CAPTCHA

- **C**ompletely **A**utomated **P**ublic **T**uring test to tell **C**omputer and **H**umans **A**part

- Invented in the late 1990's as a way to tell humans and computers apart

- Created to hinder web-bots from adding URLs to search engine indices.

- Example:
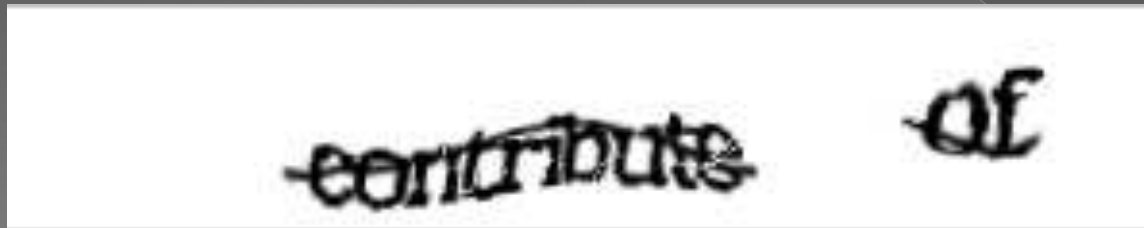
Technology Patents

- Patents exist regarding different methods in which a CAPTCHA could be used.

  Examples:
  - 7603706 - System Security Using Human Authorization.
  - 7565330 - Secure Online Transactions Using CAPTCHA Image as a Watermark.
  - 7197646 - System and Method for Preventing Automated Programs in a Network.

- Voice CAPTCHA is not patented
  - Same technology but implementation methods differ.
  - Voice rather than text input.

Competitive Advantage

- Lightweight and highly adaptable algorithm.

- Error-checking to ensure accuracy of data input.

- Our technology is also easily distributable across multiple platforms, because the concept does not change but rather the method in which it is implemented.

Potential Uses

- Alternative to traditional text based CAPTCHA systems.

- Alternative to ads/commercials for websites where users are required to watch ads to gain access/view content. (i.e. Hulu.com)

- Log in verification replaces traditional CAPTCHA at log in screens.

- Target Market: Consumers of Data Mining.

- Trends: Devices are moving towards more voice and touch and less keyboard/mouse inputs.
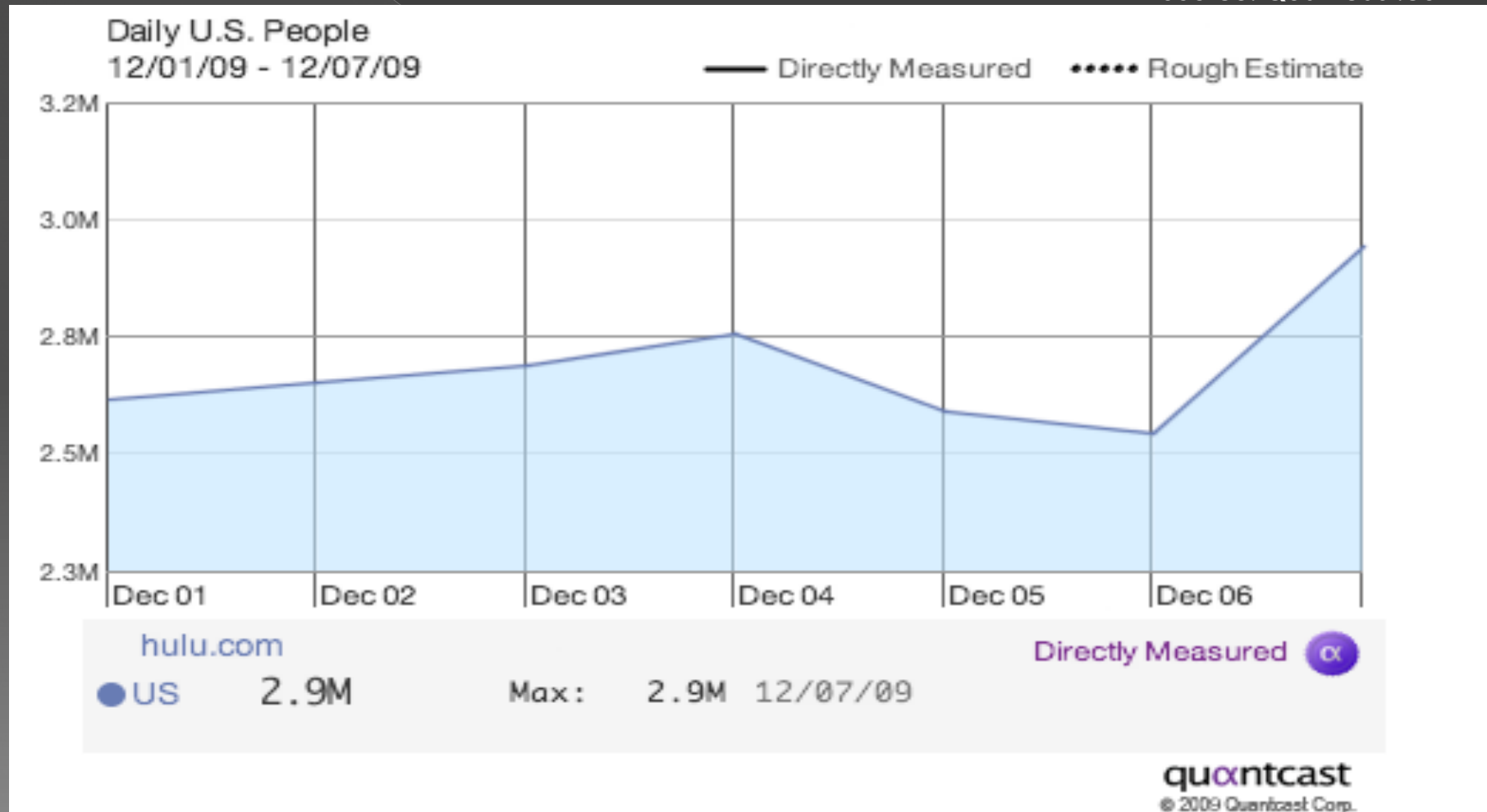
Benefits

- Business-to-Business organization which allows us to reach larger businesses and expand quickly

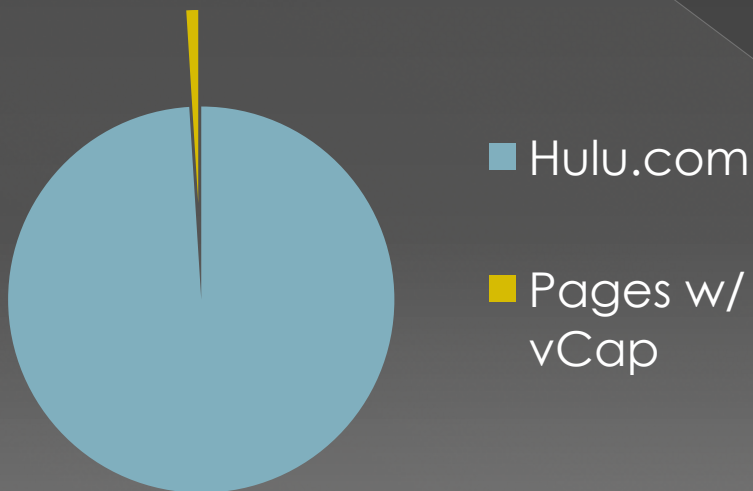- Collect data on a variety of different voice types from around the world.

1% of Hulu ads replaced by vCap

Site Views

■ Hulu.com

■ Pages w/ vCap

- Average 6 page views per user.
- 16.2M total page views per day
- If vCap is used on 1% on these page views, there will be 162,000 unique voice data entries sent to our servers per day.
- This is only one website

Competition

- Companies like VFI that are able to generate raw data of real voices in digital form.

- However, partnering with vCap may prove to be beneficial to VFI

- They would be able to focus their efforts on the analysis of voice data rather than the collection of it.

Help from HVCFI

- Provide guidance in creating a solid infrastructure

- Contacts within the dot-com industry

Why?

- Technology will be completely controlled by our voices.

- Need to keep up with the adapting technologies based on consumer preference.

DiSCoVeR the WorDs of vCap!