Augmented Reality Headsets and VI Applications

Peter Cracknell

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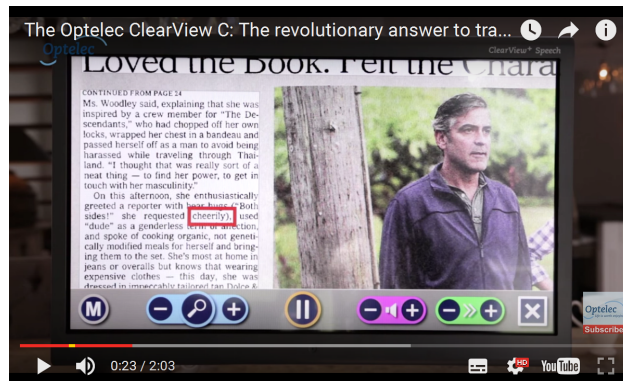BRISBANE 8TH – 12TH JANUARY

Bi-Modal Tech – Vision and Audio

- Vision Tech – magnifies near and distant
  - Plus, enhances contrast and reduces glare

- Audio Tech – reads out loud scanned print

- Bi-Modal Tech – combines Magnification, Contrast, and Audio
  - Synchronised speech output with Highlighted word or line

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Desktop Bi-Modal – CVC Speech

- Clearview Speech

Portable Bi-Modal

MAGNILINK TTS laptop camera

MERCURY ANDROID TABLET

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SMARTPHONE apps

Be My Eyes

KNFB Reader

TapTap See

Visor

Prismo

Google Maps

Siri

…..

- KNFB Reader

Announcing the KNFB Reader iPhone App
1:55 / 3:12

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JORDY (2000)

The first commercial headworn magnifier

Nu-Eyes

E-Sight

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ORCAM

- TTS
- Near and Distance
- Face recognition
- Product Recognition

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- Epic Fail ?

Google Glass

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- ? ? ?

Google Card

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Oculus Rift

Oculus Rift

Developer	Oculus VR
Manufacturer	Oculus VR
Type	Virtual reality headset
Generation	1
Release date	March 28, 2016

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Where to from here?

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