

Victor Reader – Innovation and Evolution

Presented by
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Humanware™

see things. differently.

Tradition of Library Services to the Blind and Print Disabled

A Solid Platform

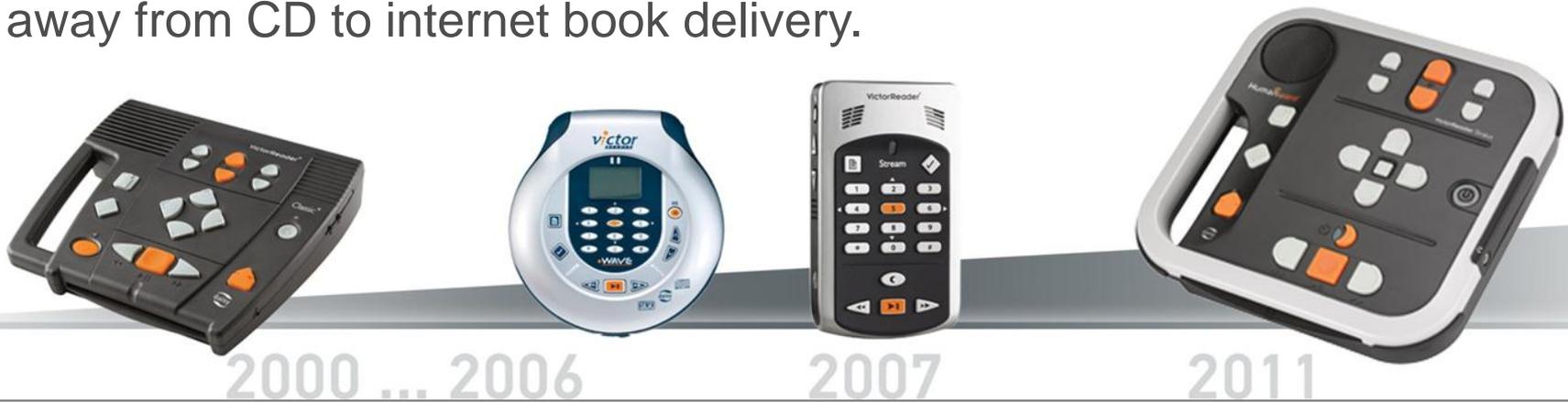
- From the 1960's to the 1990's Talking Books were delivered on analog cassette.
- In the late 1990's the DAISY Consortium developed the DAISY navigable digital audio book delivered on CD.
- For the first time an audio book reading experience provided access to the equivalent structure of the print book.
- Navigating an audio book by chapter, section or by specific page number was now possible.
- DAISY provided a hugely improved reading experience for highly structured texts such as student reference books.



Victor Reader family of Talking Book Players

Building for
the Future

- HumanWare launched the **Victor Reader Pro**, our first DAISY CD player in 1998.
- By 2006 our range had expanded to include the Victor Reader **VR Classic** desktop CD player and **VR Wave** portable CD player.
- In 2007 the **VR Stream** hand held DAISY flash player was launched, our first truly pocket sized player used SD card technology instead of CD.
- In 2011 the **VR Stratus** player was launched in preparation for the move away from CD to internet book delivery.



Why Internet Book Delivery?

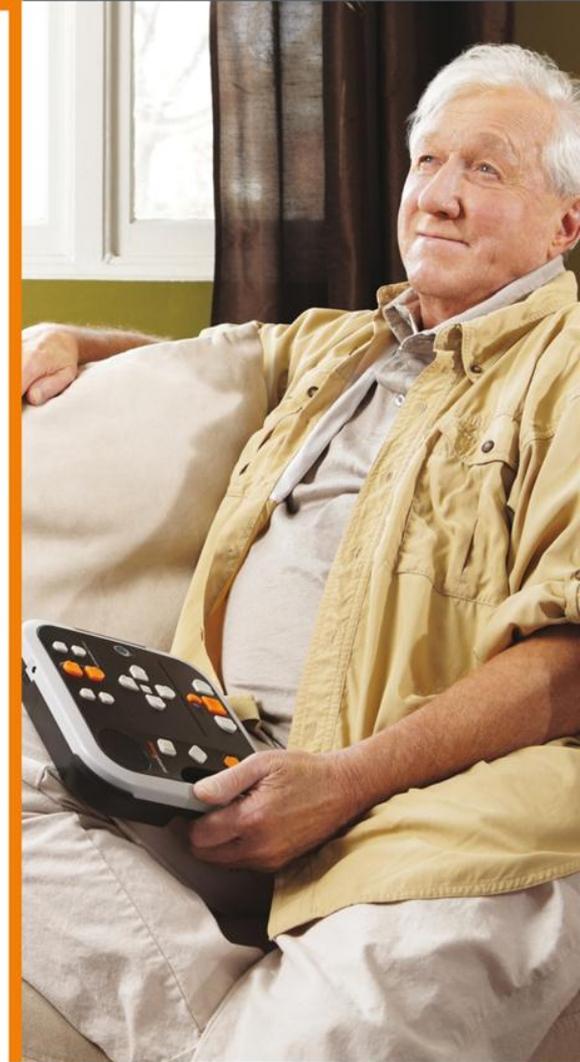
DAISY Online Delivery

- CD media is inefficient in today's world of digital download content, in addition, CDs are becoming increasingly more expensive.
- Public awareness of downloadable books has taken off with the advent of dedicated mainstream eBook players such as Kindle.
- DAISY Consortium has developed an internet book delivery specification called **DAISY Online Delivery** or **DOD**.

Why **DAISY** Online Delivery

Online in
an Instant

- DOD provides a simple way to deliver a book to a DOD capable player without user intervention.
- Ideal for an elderly user whose book is selected by the library computer based on a stored profile of the user's reading interest.
- DOD can also be used to deliver books to young students who depend on others to supply their reading material.



- Parents and/or teachers of very young students are the people who search for the necessary books required for curriculum purposes.
- When the correct books are found, the next hurdle is to load the books onto the player.
- DOD is a simple way for students to receive their required curriculum book in school
- VR Stream with DOD software is the ideal solution.
- DOD is planned for all future portable players provided by HumanWare.



HumanWare

Committed to DOD Development

Connectivity

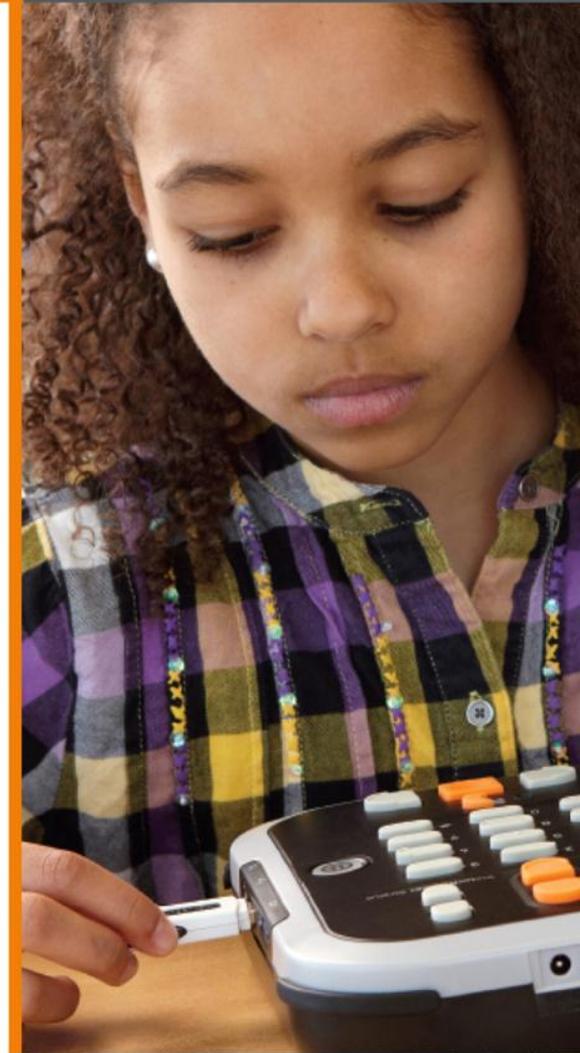
- We are working with DAISY libraries to meet their Internet book delivery requirements.
- Delivery can be facilitated by our Wi-Fi or 3G enabled Stratus player.
- 3G is less of an issue to configure and support especially for the elderly who do not use internet in their homes.
- Currently HumanWare is piloting our DOD software for our Victor Reader Stratus M models.



Victor Reader Stratus M - Ideal Platform

Ideal Internet
Delivery

- Since its launch in 2011 the **VR Stratus** has been warmly received by DAISY libraries.
- In addition to offering improved crystal clear audio, **Stratus M** can access talking books held on CD, SD card, and USB pen drives.
- The **Acapella** TTS engine provides clear audio translation of text files in over 18 different languages.
- With Wi-Fi or 3G option it also supports internet connectivity.



- The **VR Stratus** and **VR Stream** are used by tens of thousands of people worldwide including VI students and students with a Print Disability such as Dyslexia.
- **Stratus** and **Stream** play DAISY or MP3 audio formats.
- With built-in text-to-speech **VR Stratus M** and **Stream** also play computer generated documents.



VR Stratus M12 and VR Stream Telephone Style Numeric Keypad

Key to Success

- The Numeric keypad of **Stratus 12M** and **VR Stream** allows superior navigation inside structured books.
- Key in page number.
- Find word function in documents by “texting” in key phrase.
- The in built microphone allows users to record notes, add personalised bookmarks and capture entire seminars and lectures for playback (**VR Stream**).



HumanWare Supports Braille Reading for Students

Braille Literacy

- Braille is critical to promote student literacy skills.
- DAISY Consortium is promoting Braille access to books especially for students.
- HumanWare supports book reading on our **BrailleNote Apex.**
- HumanWare is researching Braille access on portable players as well.



Conclusion

A player for
all situations

- Whether student, retired or in-between, digital books for the print disabled are more available than ever.
- HumanWare has a player solution for all needs.
- Portable VR Stratus desktop for elderly, Pocket VR Stream for students and professionals.
- Braille support is a top priority.
- We have and will continue to work with our library partners to achieve their goals.

