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When myReader was released in 2005, we claimed that the world's first low vision auto reader would provide four basic benefits for partially sighted people, over conventional electronic magnification systems.

Namely, it would allow a person to:

- ◆ Read **longer**
- ◆ Read **faster**
- ◆ Read in **comfort** – without feeling nauseas
- ◆ **Understand** what is being read



The Visio Het Loo Erf Rehabilitation Centre in Holland is an organisation that assesses the needs of all visually impaired people in the Netherlands who are either working or looking for employment. The following case studies are from assessments conducted by Visio Het Loo Erf, and we are grateful for the Institute and indeed the individuals involved for their permission to reproduce information from the reports.

We have abbreviated people's names to maintain confidentiality.

### **Case Study 1. Mr H (41) is an experienced CCTV / Electronic Magnifier user....**

In a controlled environment he was asked to read a prepared passage of text on a conventional CCTV. His speed of reading was measured at 40 words / minute and he could only read for nine minutes before fatigue set in and he had to stop.

Crucially, Mr H was unable to answer any of the questions he was subsequently asked, relating to the text he had just "read".

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Mr H was then asked to read a prepared text on Ice Speed Skating using a myReader. His speed of reading was recorded at 50 words / minute and he continued to read for the full duration of the test period, i.e. ten minutes.

Having completed the exercise Mr H was then asked several questions relating to the text, to measure his comprehension. For example questions relating to the competitors, their names, their finishing positions and the speed they travelled through the corners.

Mr H was able to answer **ALL** the questions successfully.

## Case Study 2.

**Mrs D is a school teacher.....**

and uses a range of devices to assist with her reading at work. Depending on the size of text, her magnification requirements are typically 3-5x. She can only read for a maximum of two minutes on a conventional CCTV before her eyes tear and severe headaches develop.

Using myReader, with the text presented stationary in column mode, and pressing the "Next" button to move to the next full screen of text, Mrs D read for nearly ten minutes continuously, at an average reading speed of almost 70 words / minute.

By looking at different documents, images and pictures Mrs D was able to use myReader comfortably for two hours without eye strain, tearing or headaches.

## Case Study 3.

**Mrs S (60 yrs old) has read using various CCTV's....**

but is unable to read for longer than two minutes before experiencing problems with her eyes, such as flashing lights which continue for a long period afterwards.

The movement of the XY Table on the CCTV also causes a feeling of sickness. Her maximum reading speed is 20 words / minute.

With myReader Mrs S was able to read at a speed of 50 words / minute and for well over ten minutes, without any adverse side effects as there is no left-right, up-down erratic movement of text on the screen.

	CCTV			myReader		
	Speed (wpm)	Duration (minutes)	Comprehension	Speed (wpm)	Duration (minutes)	Comprehension
Case Study 1.	40	9	Poor	50	10+	Excellent
Case Study 2.	60	2	Fair	70	120	Improved
Case Study 3.	20	2	Fair	50	10+	Improved



**"myReader"**  
allowing people with low vision to read longer, faster, more comfortably and with greater comprehension...

