

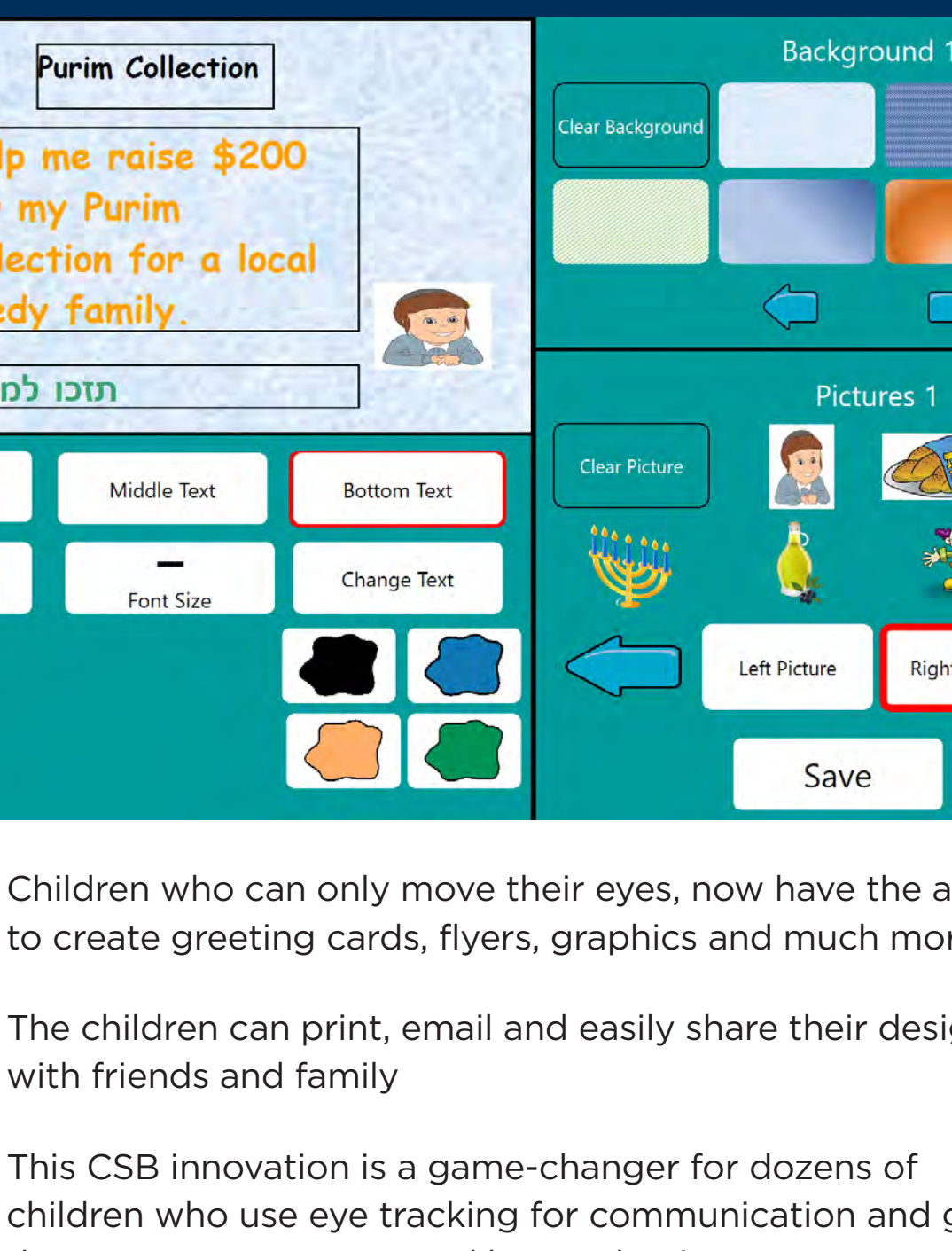


## UPDATES SUMMER 2023

Dear Friends,

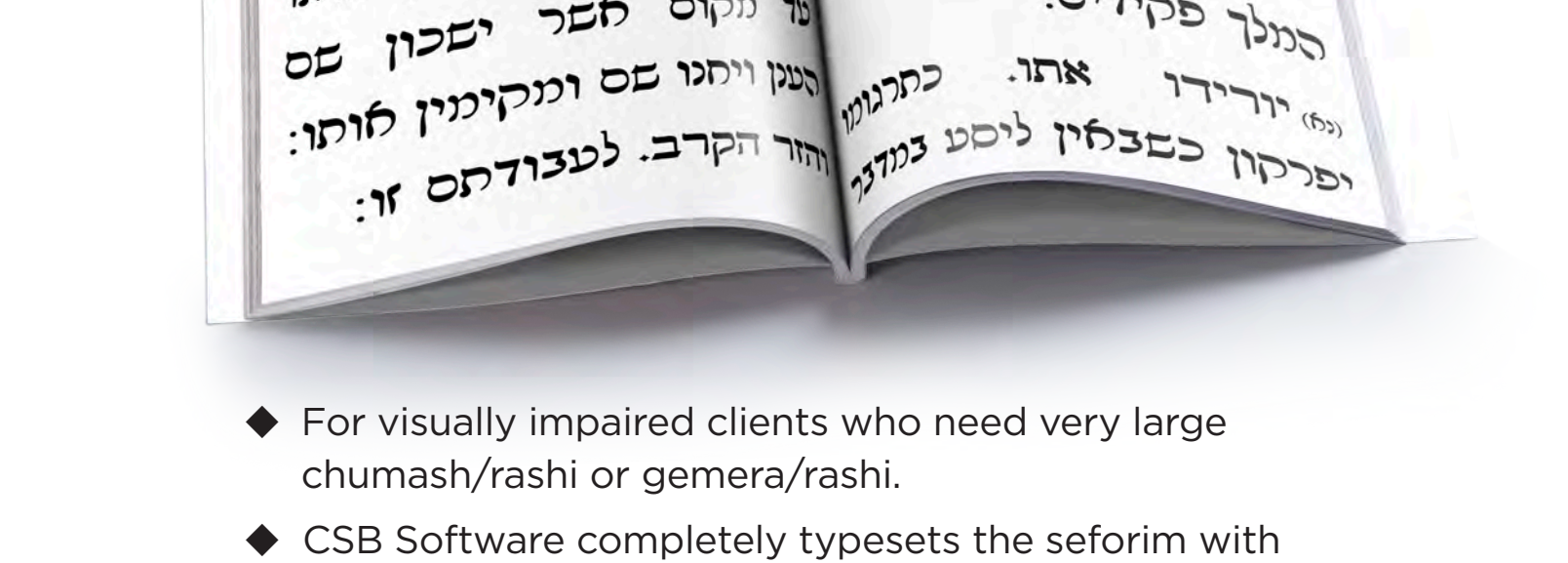
We are pleased to share with you some of the new services and products that have been introduced by CSB over the past year. As always, we thank you for your friendship and support.

## Eye Tracking Custom Games



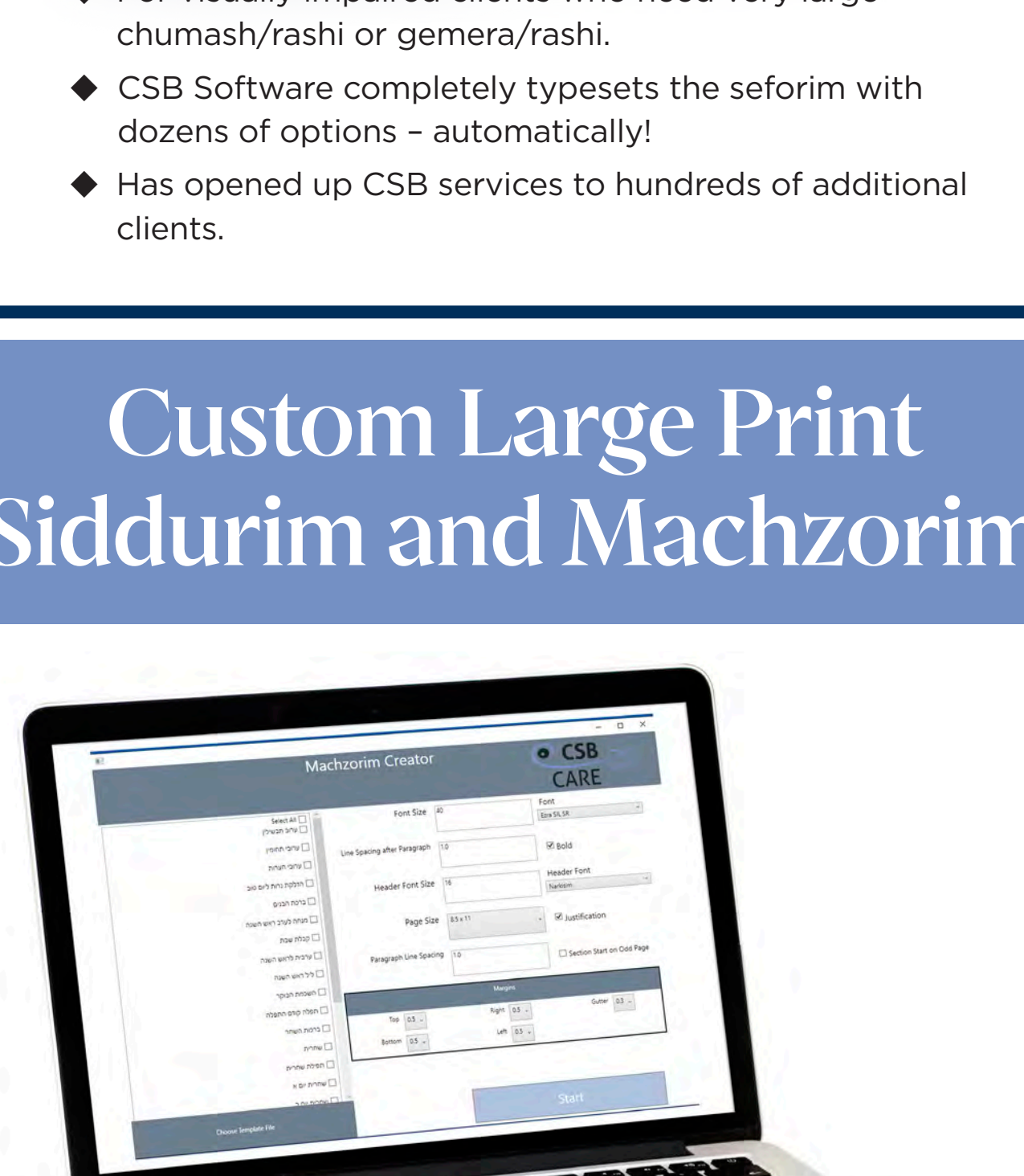
- ◆ CSB creates games and activities for children who can't move or speak and require unique visual and audio feedback with their eye tracking in order to develop their skills.
- ◆ Special highlighting of characters is used for children with cortical vision impairment allowing them to recognize letters and words.
- ◆ CSB is the only source for these highly customized eye tracking programs for children of all ages

## CSB Graphics Program for Eye Tracking Users



- ◆ Children who can only move their eyes, now have the ability to create greeting cards, flyers, graphics and much more
- ◆ The children can print, email and easily share their designs with friends and family
- ◆ This CSB innovation is a game-changer for dozens of children who use eye tracking for communication and gives them a way to connect and be productive

## CSB Sefer Auto Typesetter



CSB has  
already created  
hundreds of  
Gemaros and  
Chumashim  
with this  
software.

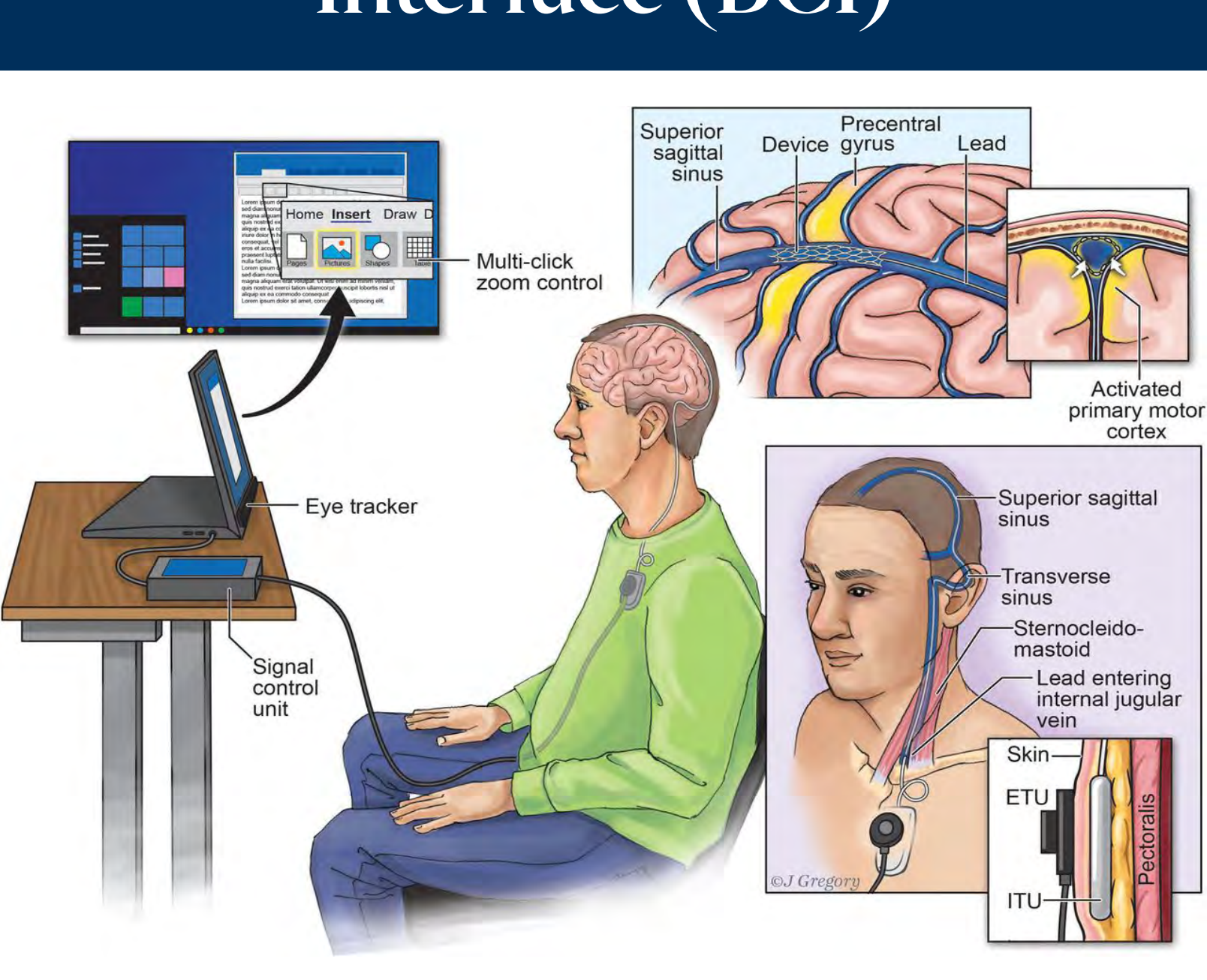
- ◆ For visually impaired clients who need very large chumash/rashi or gemara/rashi.
- ◆ CSB Software completely typesets the seforim with dozens of options – automatically!
- ◆ Has opened up CSB services to hundreds of additional clients.

## Custom Large Print Siddurim and Machzorim



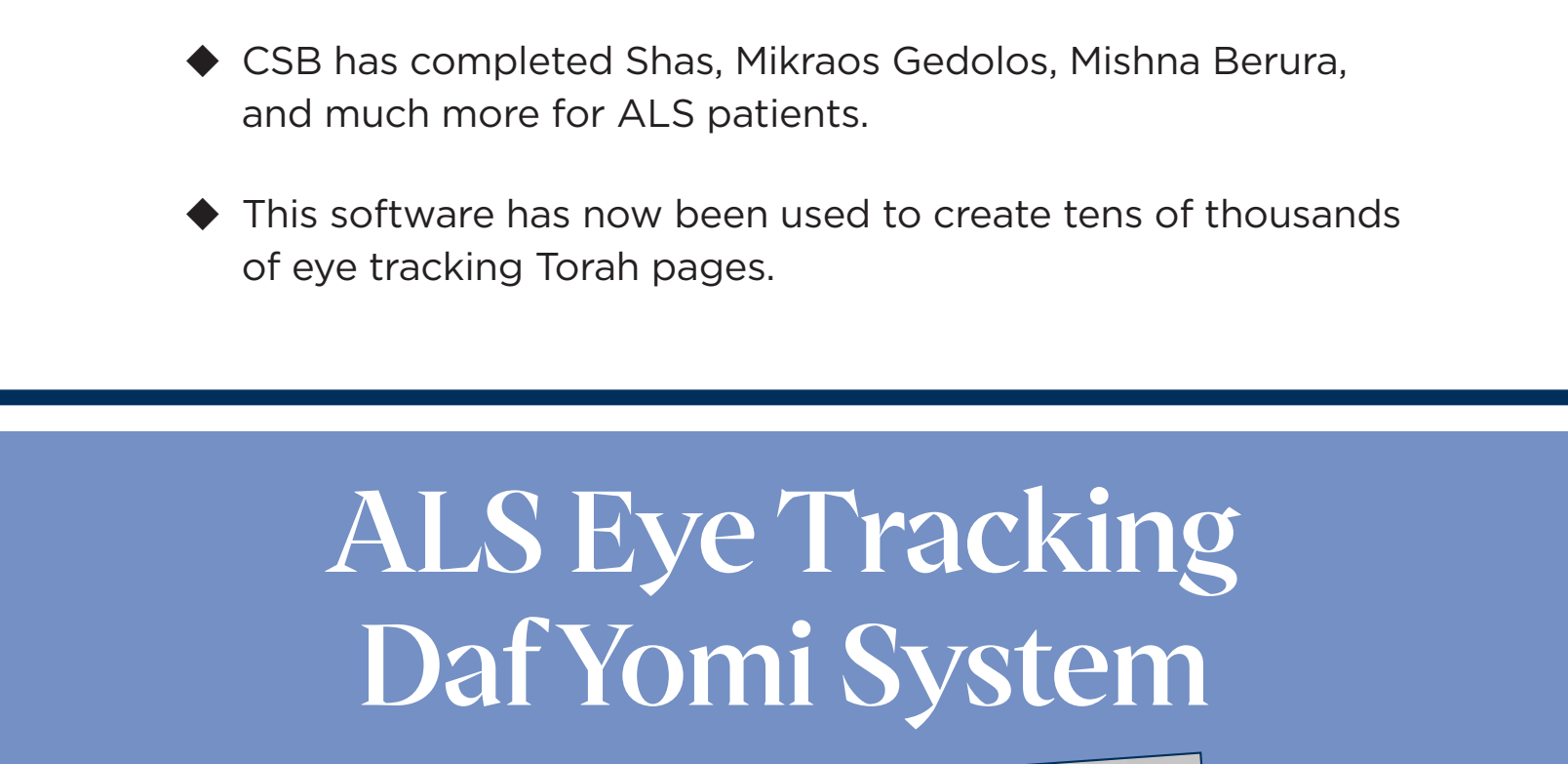
- ◆ New software which allows CSB to create custom siddurim and machzorim in a fraction of the time.
- ◆ Allows clients to dictate over the phone what they need and the volumes are created by the software.

## Artificial Intelligence



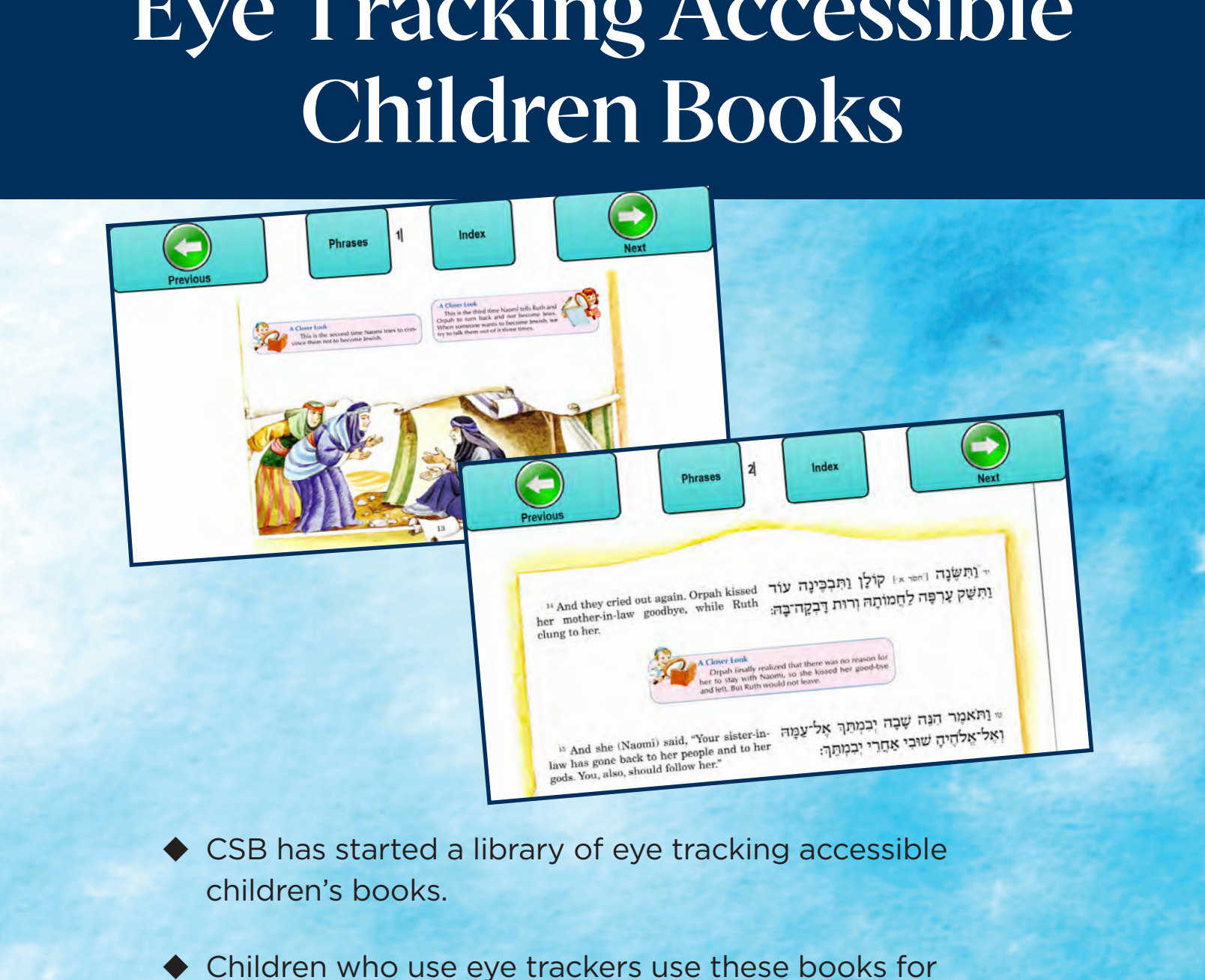
- ◆ CSB has been using Artificial Intelligence (AI) in innovative ways to help clients who communicate through eye trackers.
- ◆ AI is used to create high quality voices based on a user's old recordings. This technology gets better every day.
- ◆ AI is able to predict what a user may want to say based on previous conversations, allowing them to respond more quickly.
- ◆ Companies are working on voice recognition technology and AI to allow eye tracking devices to hear a voice and suggest a response based on previous conversations.

## Braille Hebrew English Seforim



- ◆ CSB has now started creating Hebrew/English Braille Seforim!
- ◆ We have developed our own format which allows readers to read just Hebrew, Just English or both.
- ◆ We've just completed the entire Tehillim.

## Brain Computer Interface (BCI)



- ◆ CSB has been working with the team at Mount Sinai Hospital which implants a stent into the brain to allow locked in patients to communicate. This is for patients who are unsuccessful using eye tracking.
- ◆ The trial is in an Early Feasibility FDA trial and will be starting a large scale trial within the coming months.
- ◆ This is the first minimally invasive solution that has been showing encouraging results.

## ALS Eye Tracking Seforim Creator



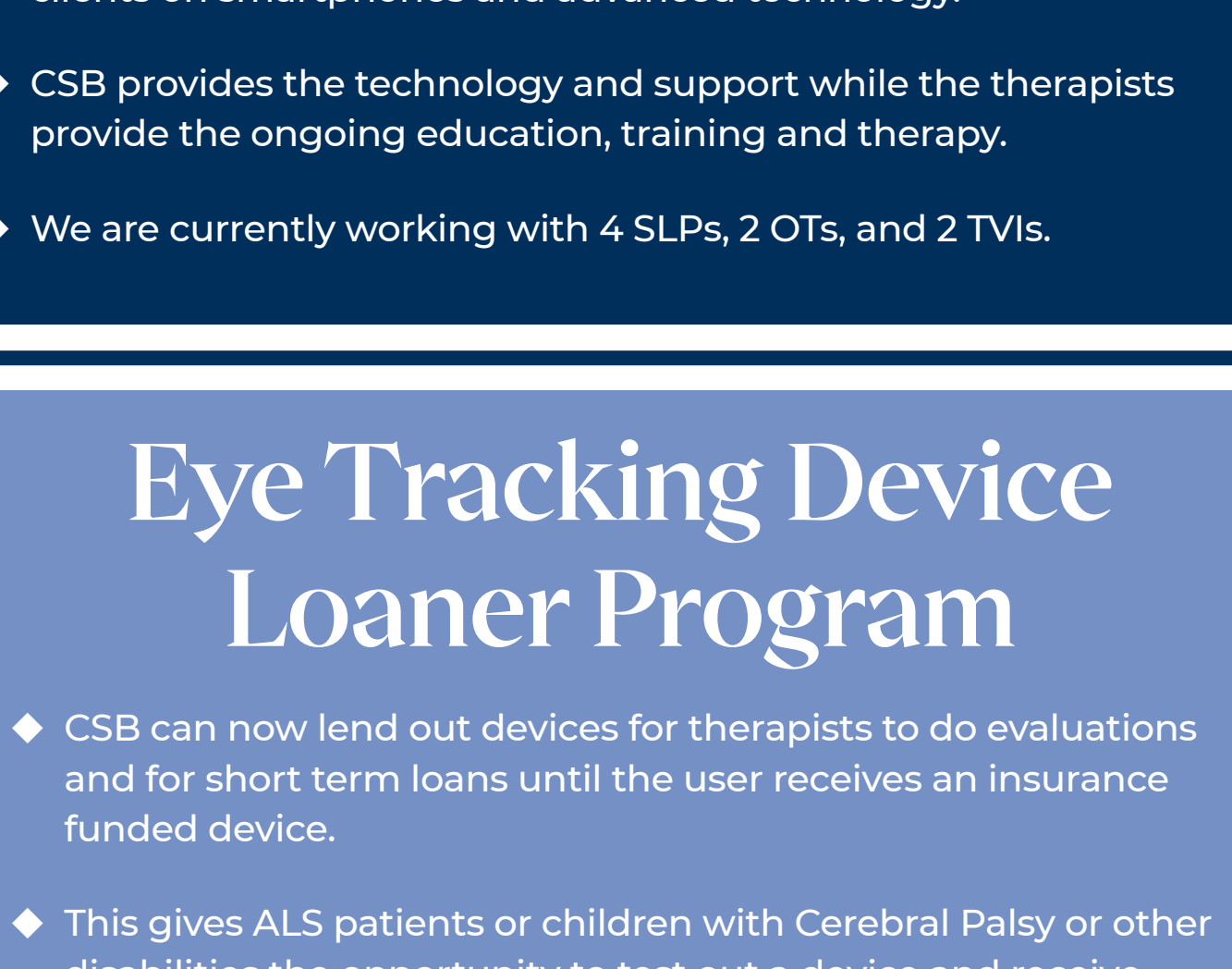
- ◆ CSB developed software in 2023 which creates eye tracking seforim ten times faster than before.
- ◆ CSB has completed Shas, Mikraos Gedolos, Mishna Berura, and much more for ALS patients.
- ◆ This software has now been used to create tens of thousands of eye tracking Torah pages.

## ALS Eye Tracking Daf Yomi System



- ◆ CSB ALS clients now have an entire system to learn daf yomi with audio shiurim using their eye tracking device.
- ◆ They can independently navigate to any daf and control the audio, all with their eyes.
- ◆ The daf is available in tsuras hadaf or in enlarged versions in text format to make it accessible to all ALS patients even if they can't wear glasses when they use their eye trackers.

## Eye Tracking Accessible Children Books



- ◆ CSB has started a library of eye tracking accessible children's books.
- ◆ Children who use eye trackers use these books for school and leisure reading.

## CSB Therapist Network

- ◆ CSB has developed an amazing network of speech, vision and occupational therapists over the past year.
- ◆ We have been able to address stroke and traumatic brain injury patients with more success than ever before.
- ◆ We are now providing training for blind and visually impaired clients on smartphones and advanced technology.
- ◆ CSB provides the technology and support while the therapists provide the ongoing education, training and therapy.
- ◆ We are currently working with 4 SLPs, 2 OTs, and 2 TVIs.

## Eye Tracking Device Loaner Program

- ◆ CSB can now lend out devices for therapists to do evaluations and for short term loans until the user receives an insurance funded device.
- ◆ This gives ALS patients or children with Cerebral Palsy or other disabilities the opportunity to test out a device and receive training before their evaluations. They get their own devices faster and can start using them immediately.

## Braille and Large Print Weekly Magazines



- ◆ This is one of CSB's most important projects as we provide leisure reading for many clients who have no other options for reading material, especially on Shabbos when electronic Braille is unavailable.
- ◆ We now offer these magazines in all grades of Braille, in all large print sizes, and on a variety of paper sizes and colors.
- ◆ USPS makes a major pickup from our office multiple times each week.



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