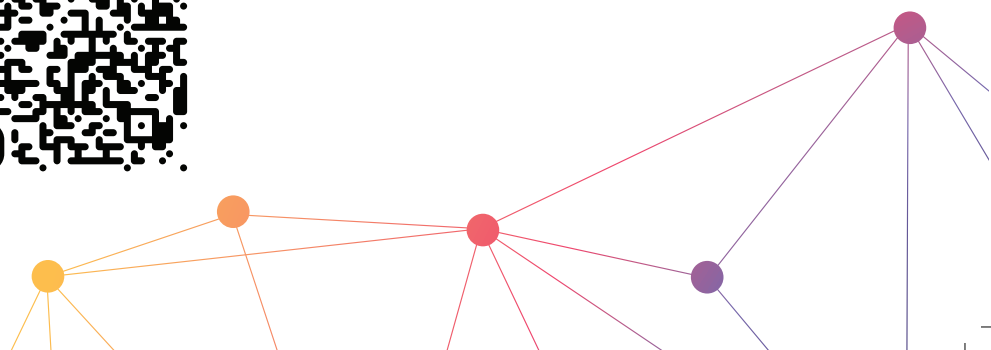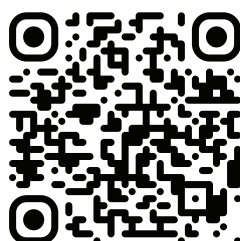# NEURALIGN

Executive Summary

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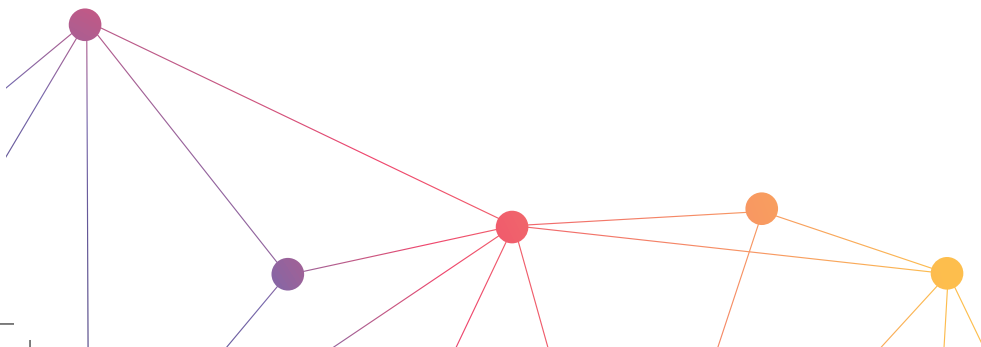neuralign.org

Project
Overview:

Neuralign is an evidence-based neurocognitive solution that leverages advances in reading science and neuroplasticity to address the root causes of reading difficulties, including dyslexia. Unlike compensatory tools that focus on workarounds, Neuralign strengthens the underlying cognitive pathways required for fluent reading, enabling measurable and lasting literacy skills.

Problem
Statement:

Reading difficulties, including **dyslexia**, affect a significant portion of the population, with an estimated **10–20%** of individuals impacted. Literacy challenges are widespread in UK, with one in four children not reaching the expected level of reading by the age of 11. Many of these children will struggle to keep up at secondary school**.** These challenges have profound social consequences, including children with learning disorders facing increased risks of anxiety, depression, low self-esteem, and reduced motivation.

Current interventions are costly, labour-intensive, and inconsistent in their outcomes because they fail to address the root cognitive causes of reading disorders. As a result, millions of learners do not receive the support they need to achieve lasting improvements, creating long-term educational, social, and economic challenges.

*https://readingagency.org.uk/our-work/our-research/reading-facts/#:~:text=Skills%20and%20Learning,5

Solution:
Neuralign

Neuralign provides an evidence-based neurocognitive intervention that directly targets the root causes of reading resistance, including dyslexia, through the principles of reading science and neuroplasticity. By strengthening the underlying neural pathways essential for fluent reading, rather than relying on compensatory strategies, Neuralign enables rapid, measurable, and lasting improvements in literacy skills.

Delivered through an intuitive, game-based platform, Neuralign reduces the cost, labour and time intensity associated with traditional interventions. It is designed to be implemented with minimal oversight, making it scalable across classrooms and home environments. Early pilots and partnerships demonstrate its ability to achieve significant gains in reading fluency and comprehension amongst struggling students, while independent research initiatives with leading institutions will continue to validate and refine its effectiveness.

By combining scientific rigour, accessibility, and scalability, Neuralign offers a transformative solution to one of the most persistent challenges in education—unlocking literacy for the millions who struggle and creating meaningful social and economic impact.
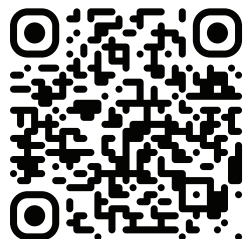
Advantages:

- **Root-cause intervention:** Strengthens the neurocognitive pathways responsible for reading, delivering lasting improvements rather than temporary workarounds.

- **Evidence-based & validated:** Built on reading science and neuroplasticity, with independent research partnerships supporting outcomes.

- **Scalable & cost-effective:** Technology-driven platform reduces labour intensity and oversight, enabling wide adoption across schools, clinics, and at home.

- **Multilingual & globally positioned:** Available in six languages with distribution partnerships in the U.S., Brazil, and the U.K.

- **Transformative social impact:** Improves literacy outcomes, reduces long-term educational and social costs, and supports mental health and confidence in learners.

- **High-growth opportunity:** A proven, unique solution in this space, addressing a massive global market of underserved learners.

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