

譯思機

# EASE

Imagination will take you anywhere

Imagination will  
take you everywhere

無法言傳，也能意會

# 譯思機

無法言傳 · 也能意會

作品編號

000774

Project No.

000774

作者

鍾涓全、蔡亞宸、廖亮懿、陳煒勳

Author

Yu-Cyuan Jhong, Ya-Chen Tsai, Man-Ju Liao, Wei-Hsun Chen

共創團隊

慢熟工作室

Co-creation Team

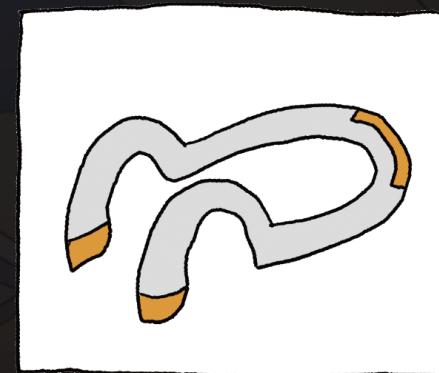
MindSlow Workroom

作品原名

漸凍人藉譯思機自導自唱榮獲第 51 屆金曲獎「最佳音樂錄影帶獎」

Original Title

ALS patient used Concept Interpreter sang & directed the music video,  
leading to the best MV award from the 51st Golden Music Award



# 環境背景 Background

Alpha 世代的年輕人，自小即接觸智慧型產品...

Generation Alpha, exposed to full of smart products since young...



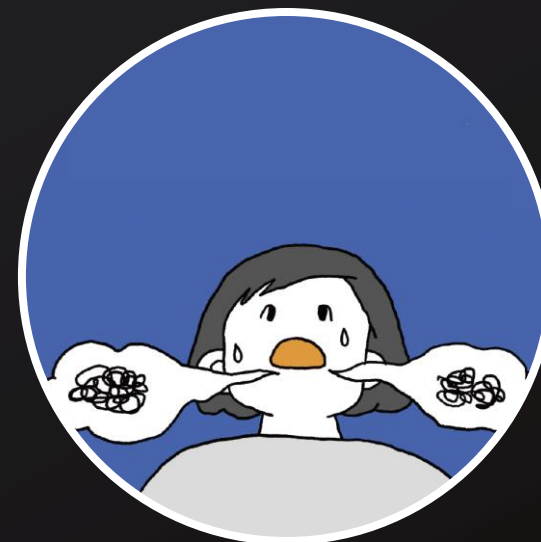
孤獨與不擅言詞  
的狀況越來越常見

Loneliness and  
poor communication skills  
are more commonly seen



創新產業人才也難免  
想不出新穎方案或名詞

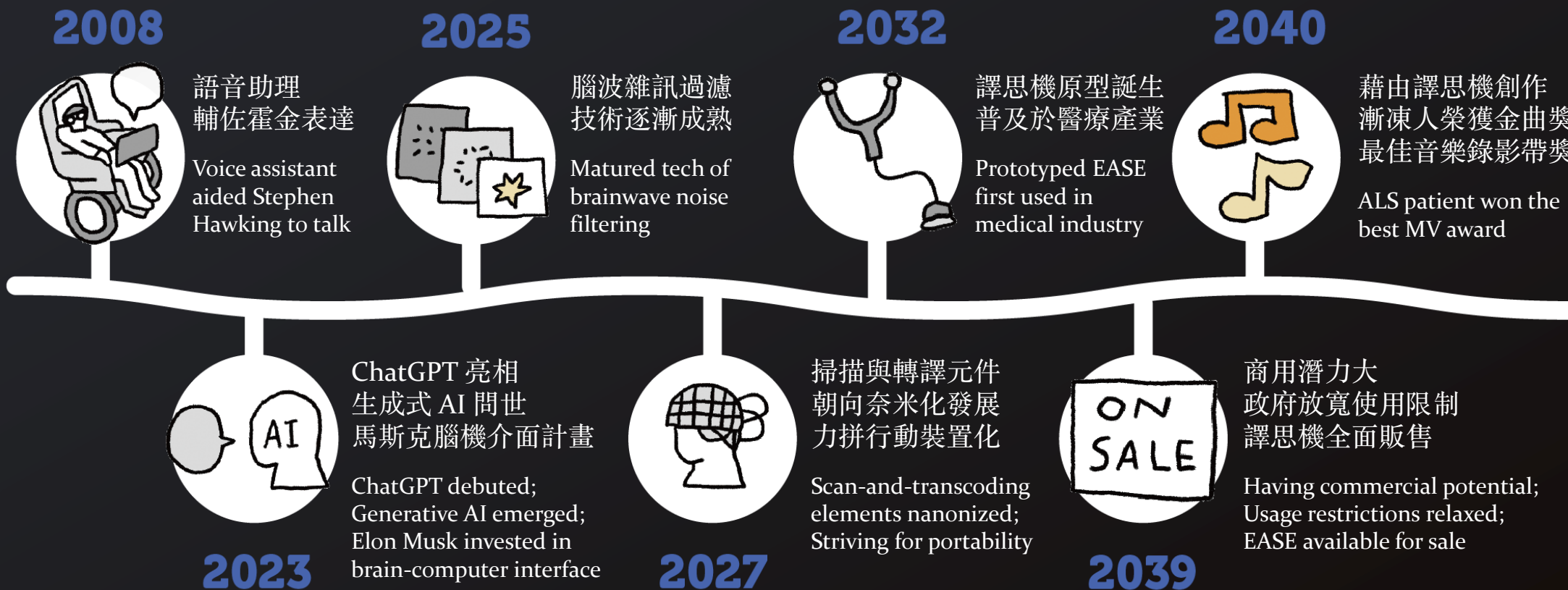
People in innovation industries  
may be unable to come up with  
words for describing new ideas



言語失能的各類患者  
也希望重回平凡人互動

Patients with speech disabilities  
also hope the day to return to  
ordinary human interaction

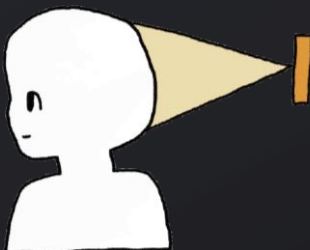
# 譯思機的發展歷程 Evolution of EASE



# 關鍵技術 Key Techniques

## 大腦皮層掃描

Brain Cortex Scanner



顯意識 & 夢境  
可以偵測

Waking consciousness  
& dreams are detectable

## 腦波訊號翻譯

Brainwave Signal  
Translation



單憑想像即可  
解碼出各項訊息

Decode message solely  
with pure imagination

## 6G 連線傳輸

6G Wi-fi Connection

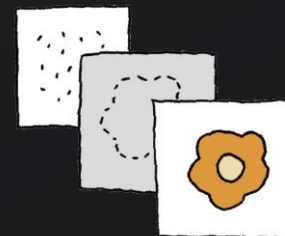


節省內存記憶體  
高效率遠距轉檔

Reduce temp-memory &  
Convert file in long-dist

## 生成式人工智慧

Generative AI



## 懸吊式無線充電

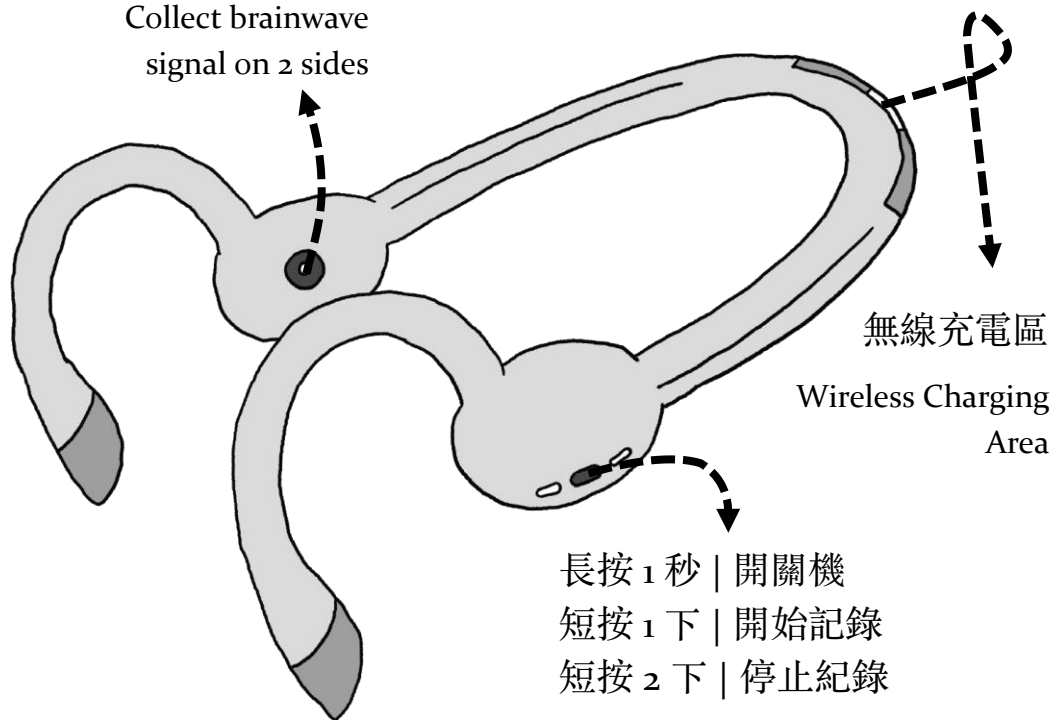
Wireless Charging



# 使用說明 User's Guide

兩側蒐集腦波訊號

Collect brainwave  
signal on 2 sides



長按 1 秒 | 開關機  
短按 1 下 | 開始記錄  
短按 2 下 | 停止紀錄

Long press 1 sec | On/Off  
1 short press | Record start  
2 short press | Record stop

## Mini | 孩童版 Children use

小尺寸譯思機，呈現嬰兒與孩童無盡想像

Small-sized EASE, showing the endless imagination of infants & children

## Basic | 標準版 Standard use

大腦想得到的，都能透過譯思機呈現

Any idea from the brain can be presented through EASE

## Pro | 商用版 Business use

超高品質輸出，串接社群平台，適用於創意工作者

High-quality output; Connectable with social platforms;  
Suitable for creative professions



串接手機以搜集腦波

Connect to mobile phone to collect brainwave



依循譯思機的提示操作

Follow the prompts by EASE



可解譯選項：文字 / 音訊 / 影音

Decoding options: Text / Audio / Video



小思原本是有歌唱  
與創作天賦的歌手

Elaina was originally a  
gifted singer & songwriter.



那天，她被診斷罹患漸凍症，  
肌肉逐漸無力並癱瘓...

She received a diagnosis of ALS,  
gradually losing muscle strength  
and eventually becoming paralyzed.



小思被困在自己的身體裡，  
逐漸無法動彈與溝通

Trapped within her own body,  
Elaina gradually lost the ability  
to move and communicate.

然而某日，網路上出現一部  
厲害的歌曲 MV 引起熱議...

However, one day, a remarkable  
MV appeared online and  
sparked discussions...



誰的作品這麼猛!

Whose epic creation is this!

小思?  
Elaina?

她回來了? 我記得  
她不是生病...?

She's back?  
I remember she was ill...

譯思機幫助小思，將她的  
創作靈魂換一個方式導出

EASE assisted her in channeling  
her creative spirit in a new way.



身體雖然困住了她，但靈魂  
仍會找到出口，綻放光芒

Though her body was trapped,  
her soul found its way out and  
shined brightly.

She received the "Best Music Video Award"  
at the 51st Golden Melody Awards

# WHAT DOES BABY WANT ?



寶寶難受，但寶寶不說...  
Feel the Unspoken...



譯思機讓我更了解寶寶!  
EASE connects me to Baby's World!

# 更多適用情境 Also applicable for...



寵物溝通

Pet communication



失語症患者

Aphasic patients



社交恐懼

Social phobia



抽象事物描述

Abstract description



世代溝通

Cross-generation communication



心理諮商

Psychological counseling



知識移轉

Knowledge transfer



記錄夢境

Dream recording

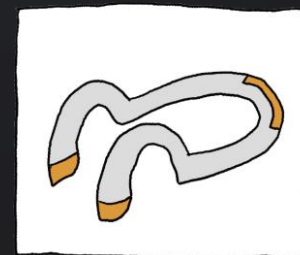


創意工作者

Creative professions



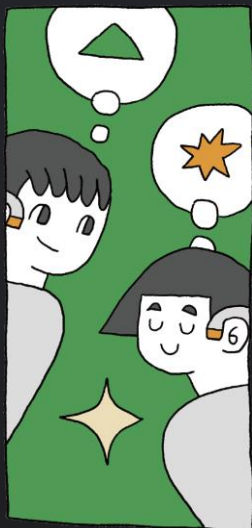
我想你應該知道！生成式 AI 和腦波轉譯技術持續發展，未來溝通很可能是透過類似譯思機的穿戴裝置，這將會撼動醫療、創意娛樂產業以及日常生活，而我們認為，科技應協助表達需求、展現自我價值。



譯思機致力於傳遞抽象思緒，激發人類的創造力、想像力與同理心。我們採用宣傳手冊的紙質媒介，引領讀者一同推展作品意義，封面傳達譯思機實現想像的理念，圖文以溫潤的筆觸帶入真摯的情緒，牽動心中豐富的童趣幻想。

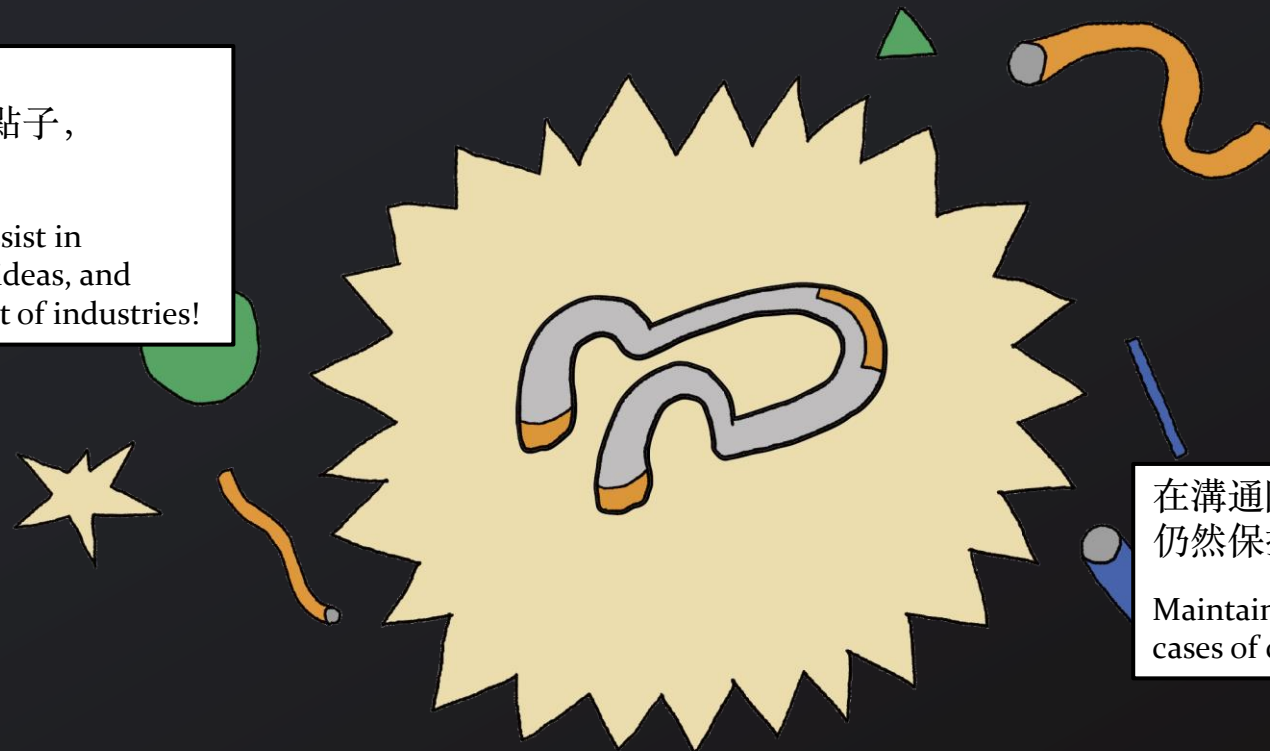
You should know about that! Generative AI and the brainwave translation technology are continuously developing, and the future communication is likely to be through wearable devices like EASE (the concept interpreter). This will impact the medical, creative entertainment industries, and everyday life. We believe that technology should assist in expressing needs and showcasing self-worth.

EASE is dedicated to conveying abstract thoughts and inspiring human creativity, imagination, and empathy. We use the medium of promotional brochures to guide readers in exploring the meaning of the work together. The cover conveys the idea of realizing imagination with EASE, and the text and images bring in genuine emotions with a gentle touch, stirring rich childhood fantasies in the heart.



儲存人類的思考，  
輔助表達難以形容的點子，  
促成產業的進步！

Store human thoughts, assist in  
expressing indescribable ideas, and  
facilitate the advancement of industries!



在溝通障礙的情況下，  
仍然保持想法的輸出！

Maintain the output of ideas in  
cases of communication barriers!

想法總是跑得快，表達卻不一定跟得上，

就讓 **譯思機** 助你一臂之力吧！

Thoughts always run fast, but expressions don't necessarily keep up.

Let **EASE** lend you a helping hand!



譯  
思  
機

# EASE

## Imagination will take you everywhere

無法言傳，也能意會





# 附錄：共創書冊 Appendix: Book of Co-Creation



繪製設計 | 慢熟工作室

Illustrated by MindSlow Workroom





# EASE!

譯思機

Imagination will take you everywhere

無法言傳，也能意會

I2.R  
imagination co. ltd.

# Alpha

## 世代的年輕人

自小即接觸智慧型產品，生活在虛擬空間比以往頻繁，社交模式亦逐漸改變。

孤獨與不擅言詞的狀況越來越常見。

致力於創新產業的人才，難免也有想不出新穎方案或名詞的時候。

言語失能的各類患者，他們更是期待解方出現的那一天，能夠重回平凡人的溝通互動。

# EASE

## 譯思機

能夠滿足多方面的需求，它可以縮短與人互動的距離，達成社會平等。

它可以在溝通障礙的情況下，仍然保持想法的輸出！

它可以儲存人類的思考，輔助表達難以形容的點子，促成產業的進步。

想法總是跑得快，表達卻不一定跟得上，  
就讓 **譯思機** 助你一臂之力吧！

## 發展年表

## HISTORY OF DEVELOPMENT

2008



語音助理輔佐  
霍金的表達  
引起眾人關注

2025



腦波通訊通達  
技術逐漸成熟  
還原率突破70%

2032



譯思機原型誕生  
率先普及於  
醫療產業

2040



漸凍人藉譯思機自導  
自唱榮獲第51屆金曲獎  
「最佳音樂錄影帶獎」



2023

ChatGPT 亮相  
生成式 AI 問世  
企業家馬斯克  
將投資研發腦機介面



2027

掃描與轉譯元件  
朝向奈米化發展  
力拼行動裝置化



2039

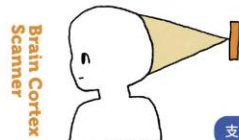
商用潛力大  
政府放寬使用限制  
譯思機全面販售！

## 關鍵技術

## KEY TECHNOLOGIES

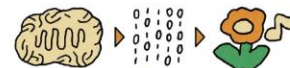
### 大腦皮層掃描

顯意識 & 夢境皆可偵測



### 腦波訊號翻譯

以前要同步 aka 邊看邊記錄腦波；  
現可以單憑想像就解碼出各項訊息



### Brainwave Signal Translation

### 支援 6G wi-fi 連線傳輸

支援低干擾、低延遲、高速邊緣運算  
高強度資安保障  
大面積覆蓋網路，支援遠距傳輸

### 6G wi-fi Connection

### 生成式人工智慧

提示工程  
潛在擴散模型  
生成對抗網路

### Generative AI

### 支援無線充電

懸掛式的無線充電平台

### Wireless Charging





漸凍人創作者「小思」藉譯思機自導自唱  
榮獲第51屆金曲獎「最佳音樂錄影帶獎」



# WHAT DOES BABY WANT ?

寶寶難受，但寶寶不說？



譯思機 讓你更了解寶寶！

譯思機 | 使用說明書

# USER'S GUIDE



## 產品分級

**Mini** | 小尺寸譯思機，天馬行空模型，適用於嬰兒孩童，呈現孩童無盡想像

**Basic** | 腦想得到的，都可以透過譯思機呈現，適用於所有想要實現想像的人

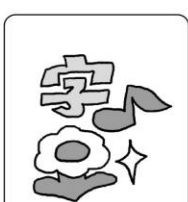
**Pro** | 超高品質輸出選項，串接社群平台，「想」好了就直接發布，適用於創意工作者



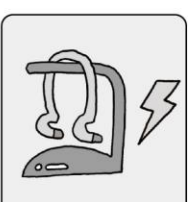
連上手機後  
進行腦波搜集處理  
手機 app 上看結果



戴著譯思機  
透過「哈囉 小思」喚起  
透過腦波產生提示詞  
開始與結束紀錄



App 提供解譯選項：  
文字／音訊／影音



充電方式  
將譯思機掛在充電架  
即可無線充電

# APPLICABLE

## 譯思機適用族群



無法表達  
寵物覺得主人...



失去表達能力  
漸凍人、失語症患者



不善表達  
社恐者、直男



難以描述  
協助迷路的人  
傳授揉麵團秘訣



世代溝通  
說故事



心理諮商  
感情、人際  
心理疾病患者



知識移轉  
員工教育訓練  
團隊協作



自我成長  
記錄夢境  
課堂筆記



創意工作者  
設計師、剪片師  
動畫師、漫畫家



# EASE

Imagination will  
take you everywhere



I<sup>2</sup>.R  
imagination to reality

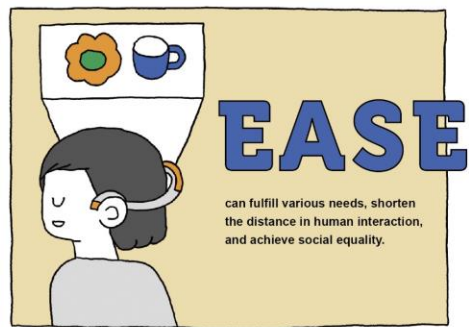
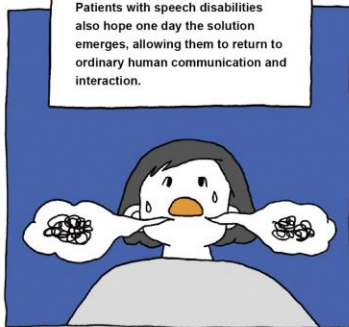
# Generation Alpha

exposed to full of smart products, are living in virtual spaces more frequently, leading to the change of their social patterns.

Loneliness and poor communication skills are commonly seen.

People engaging in innovation industries sometimes may also have moments unable to come up with words for describing new ideas.

Patients with speech disabilities also hope one day the solution emerges, allowing them to return to ordinary human communication and interaction.

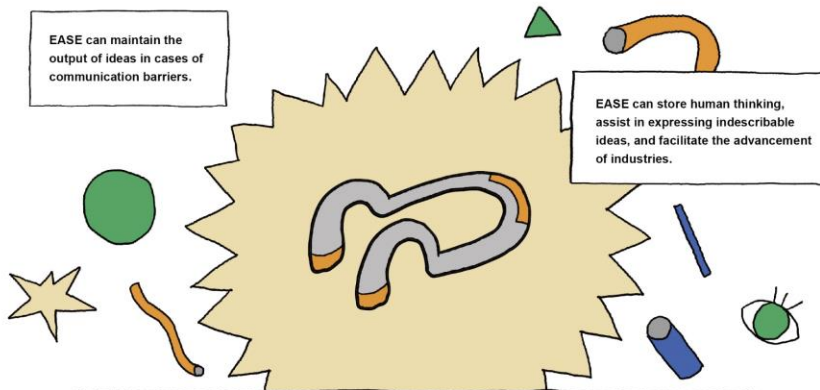


# EASE

can fulfill various needs, shorten the distance in human interaction, and achieve social equality.

EASE can maintain the output of ideas in cases of communication barriers.

EASE can store human thinking, assist in expressing indescribable ideas, and facilitate the advancement of industries.



Thoughts always run fast, but expressions don't necessarily keep up.

Let **EASE** lend you a helping hand!

# HISTORY OF DEVELOPMENT

2008



The voice assistant aided Stephen Hawking to talk, getting the public's attention.

2025



The tech of Brainwave noise filtering was gradually maturing, restoration rate exceeding 70%.

2032



The prototype of EASE was born, first adopted in the medical industry.

2040



With the help of EASE, the ALS patient self-directed and self-sang, winning the Best Music Video from the 51st Golden Music Award.



2023

ChatGPT debuted; Generative AI emerged; Elon Musk invested in the research of brain-computer interface.



2027

Scanning and transcoding components were going to be nanonized, striving for mobile device integration.



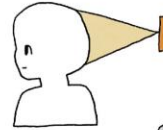
2039

With significant commercial potential, the government had relaxed usage restrictions, and EASE was available for sale.

# KEY TECHNOLOGIES

## Brain Cortex Scanner

Waking consciousness & dreams are detectable



## Brainwave Signal Translation

Before | Record brain waves while watching  
Now | Decode message solely through imagination



## 6G wi-fi Connection

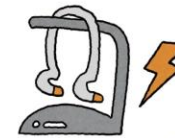
Low interference; Low latency;  
High-speed edge computing.  
High-intensity cybersecurity protection.  
Large-scale coverage network,  
Long-distance transmission.

## Generative AI

Prompt Engineering; Latent Diffusion Model; Generative Adversarial Network

## Wireless Charging

Wireless charging platform





Elaina, a talented songwriter, battled ALS but ingeniously used EASE to guide her music video creation.

## She received the "Best Music Video Award" at the 51st Golden Melody Awards

Elaina was originally a gifted singer with a knack for songwriting.

However, one day she received a devastating diagnosis of ALS, gradually losing muscle strength and eventually becoming paralyzed.

From that point onwards...

Elaina found herself trapped within her own body, gradually losing the ability to move and communicate.

However, one day, a remarkable MV appeared online and sparked discussions...

Huh? Elaina?

People started to forget about her presence on stage.

This is insane!

Whose epic creation is this?

Is she back? I remember she was ill...?

People discovered that Elaina had made a comeback, now as a music video director.

EASE assisted her in channeling her creative spirit in a new way.

Though her body was trapped, her soul found its way out and shined brightly.

**ALS CREATOR WINS THE AWARD**

03

# WHAT DOES BABY WANT?

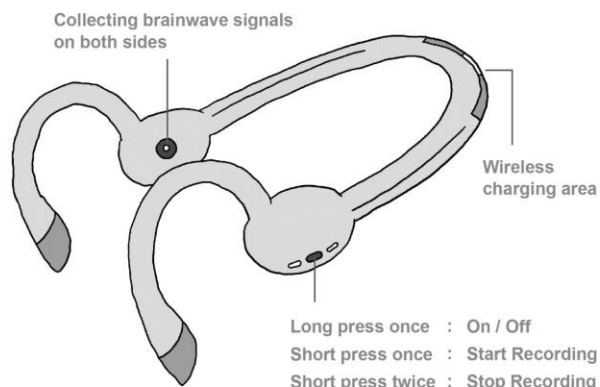
I2.R  
INTEGRATION 2.0 REVOLUTION

Feel the Unspoken

**EASE**

Connecting You to Baby's World.

# USER'S GUIDE



## Explore "EASE"

- Mini** | With an 'Imaginative Model,' Unveiling the Endless Imagination of Kids. Suitable for Infants and Children.
- Basic** | Anything the brain can conceive can be presented through "EASE". Suitable for anyone seeking to bring their imagination to reality.
- Pro** | High-quality output options, seamlessly integrated with social platforms. Publish your ideas instantly once you've 'imagined'. Suitable for Creative professions.

Connecting to a mobile phone, Collecting and processing brainwaves. View the results on the mobile app.

Wearing "EASE", prompt 'Hello, EASE' through brainwave activation. Generate cue through brainwaves to start and stop the recording.

Decoding options:  
 • Text  
 • Audio  
 • Video

Charge "EASE" : Place "EASE" on the charging stand for wireless charging

# APPLICABLE

**Unable to express oneself**  
 Pets think their owners are...

**Loss of expressiveness**  
 ALS / Aphasia patients

**Bad at expressing feelings**  
 Social phobia

**Describe the indescribable**  
 Help people describe how they got lost  
 Teaching the dough kneading techniques

**Cross-generation communication**  
 Storytelling

**Counseling**  
 Depression, Anxiety  
 Relationship, Trauma

**Knowledge Transfer**  
 Employee Training  
 Team working

**Self Growth**  
 Dream-recording  
 Note-taking

**Creative professions**  
 Designer, Editor  
 Animator, Cartoonist