

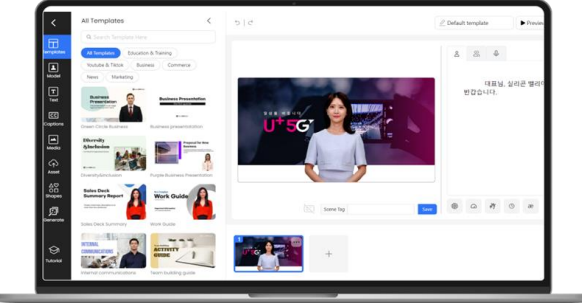
D E E P B R A I N A I

DeepBrainAI



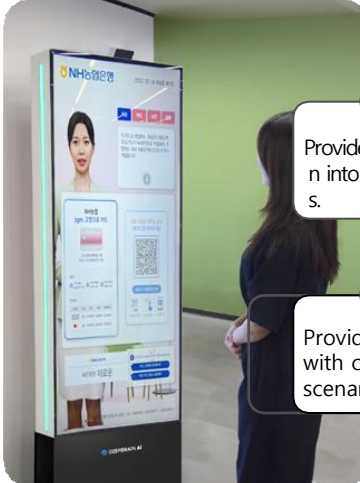
DeepBrain AI specializes in **conversational AI-based virtual humans**, offering **real-time video and voice synthesis solutions** for both B2B and B2C markets.

AI Studios



AI humans replace real actors for video producers and creators, enabling generative video content through intuitive creation tools.

AI Human



AI Human SDK

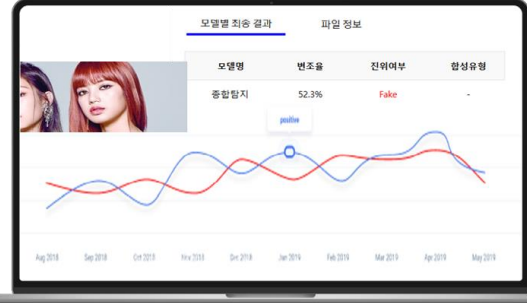
Provides an SDK for easy integration into web, app, and other platforms.

Full Service

Provides a complete AI human with chatbot integration and scenario setup.

Real humans become AI humans, used across roles like announcers, teachers, and counselors

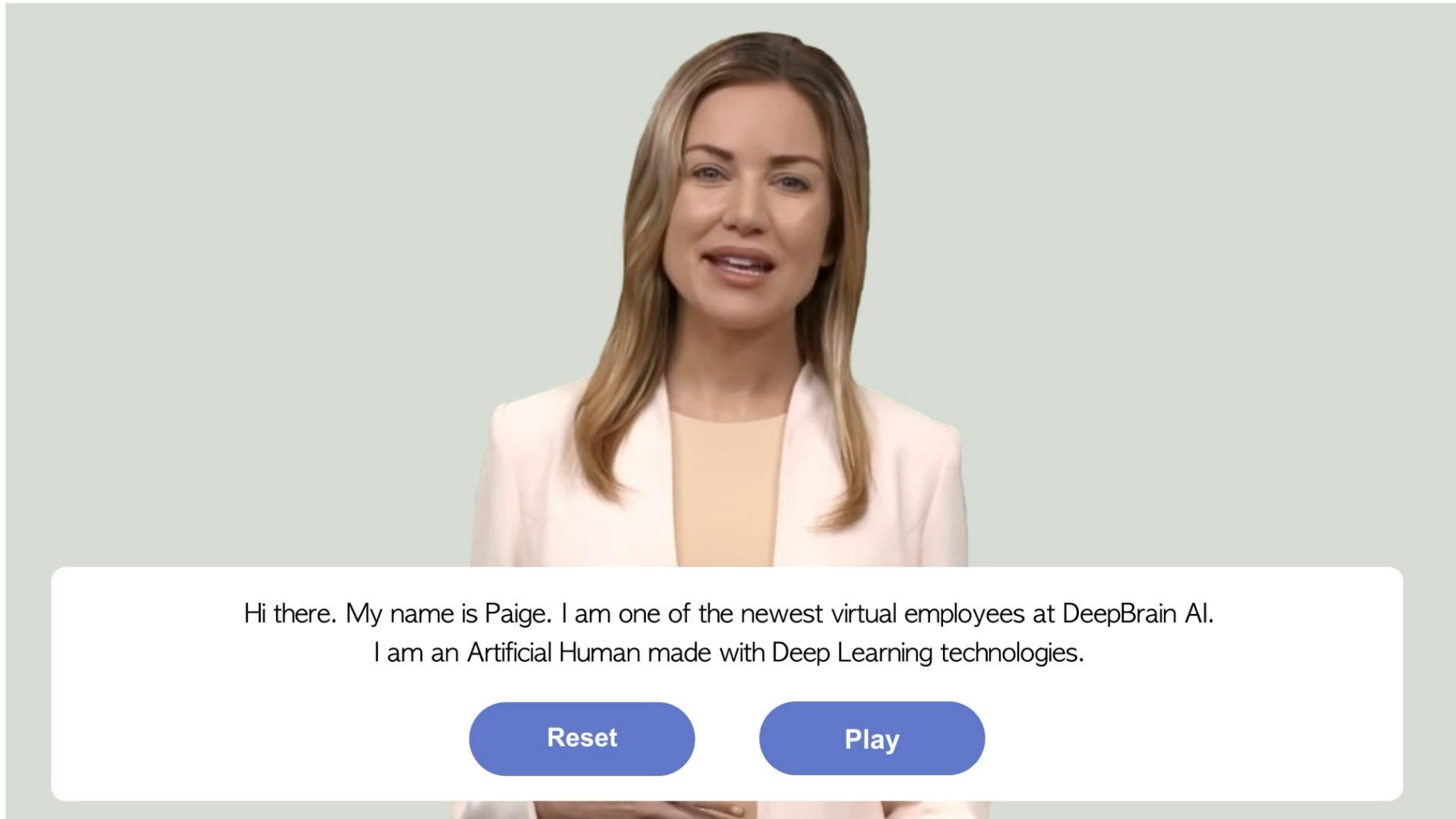
Deepfake Solutions



Web-based deepfake detection using an advanced Deepfake/DeepVoice model.



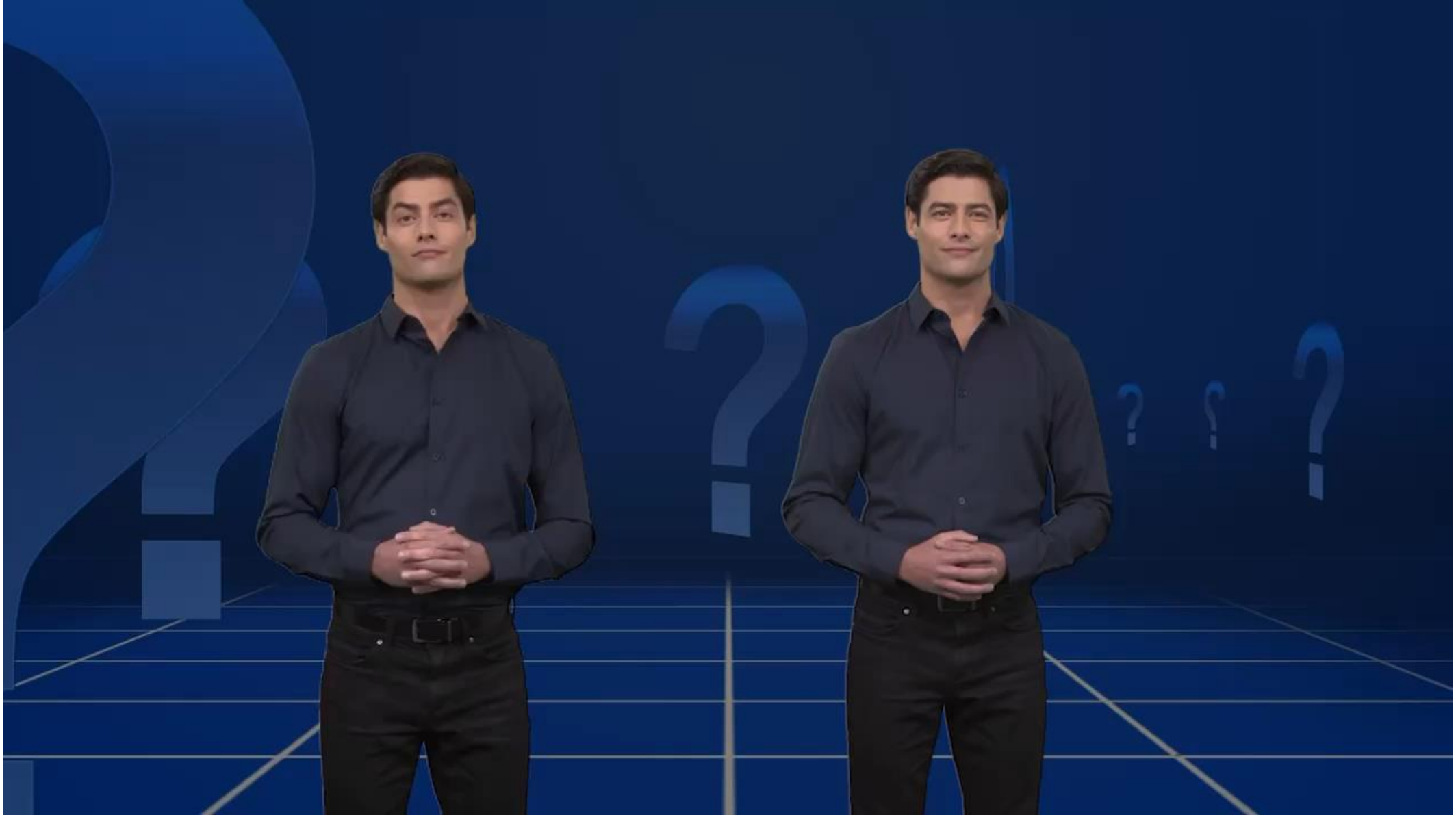
Text-to-Video synthesis technology that enables AI Avatars



Quiz

AI Avatar VS real person

Guess who do you think is the real person?



DeepBrain AI's solution is trusted in the deepfake detection industry. It has been delivered to and is actively used by **the Korean National Police Agency and the National Forensic Service**, where deepfake use is most frequent.

Deepfake Detection Solution



딥페이크 탐지 결과

종합 결과

FAKE

종합 탐지 모델

█ Fake (진위여부)
 █ Face Generation
 █ Lip Sync
 █ Face Swap

█ 탐지 상세
 █ 파일 정보

모델명	번호	진위여부	탐지유형	시간	해상도
종합 탐지	97.89%	Fake	Face Swap	10.026	1920 x 1080


탐지 의견
 종합 탐지 모델은 기존 얼굴 생성, 입술 교체, 딥싱크 등 기술을 적용한 이미지와 동영상의 변조 여부를 탐지하는 모델입니다. 해당 탐지 모델의 탐지율은 97.89% (기준치: 90%) 이상으로 종합 탐지 결과 Fake로 판명되며, 추후 되는 종합 탐지 결과 Face Swap 탐지된 전체 탐지 정확률이 90%에서 100% 임박해 해당 탐지 결과 판명될 수 있습니다.

In-house Deepfake Detection Dataset Development

- Improved detection accuracy for deepfake content synthesized on a **frame-by-frame (image) basis**
- Face Swap identification through facial boundary consistency analysis within images
- High-performance comprehensive detection model that **can support both deepfake images and video/voice**


Delivery and Application Examples

Police Agency




- Commercialized deepfake detection solution
- Actively responds to deepfake-driven crimes such as election manipulation, phishing, and synthetic sexual exploitation

National Institute of Forensic Sciences



- Advanced deepfake detection model
- Automatic Detection: Crawling platforms like YouTube and TikTok
- Single-file Detection: Manual uploads and detection of deepfake techniques

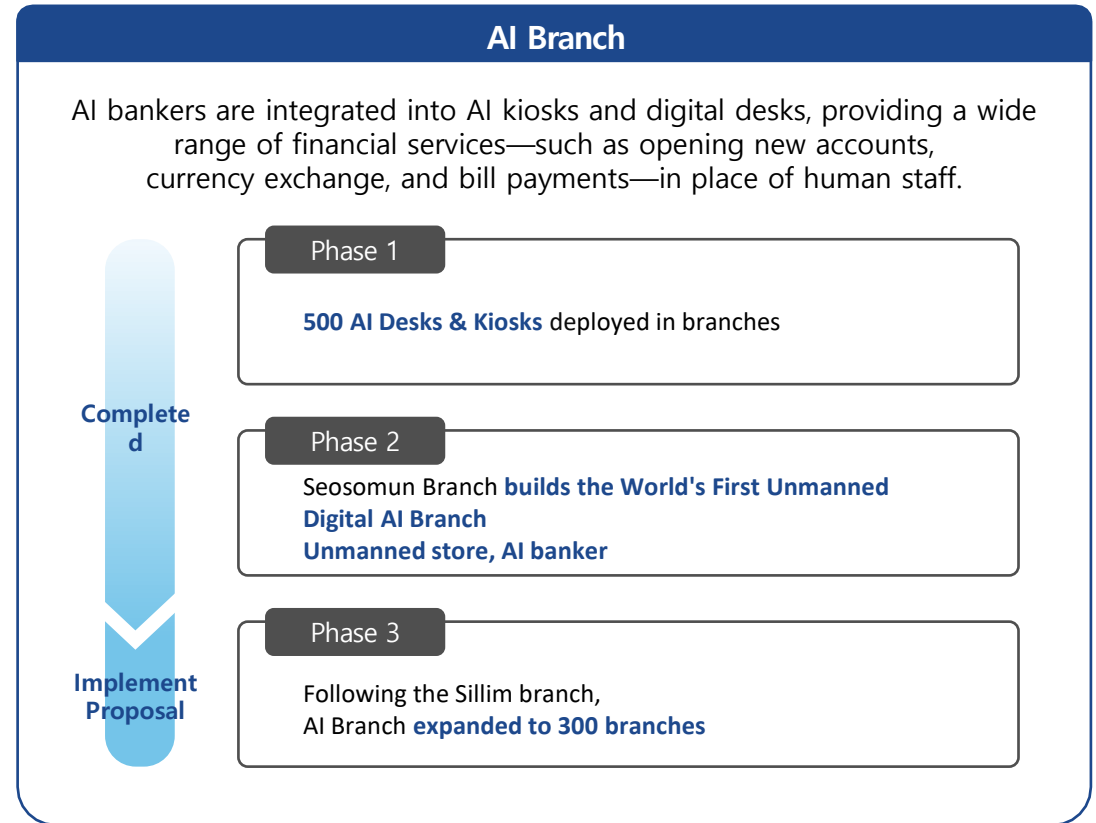
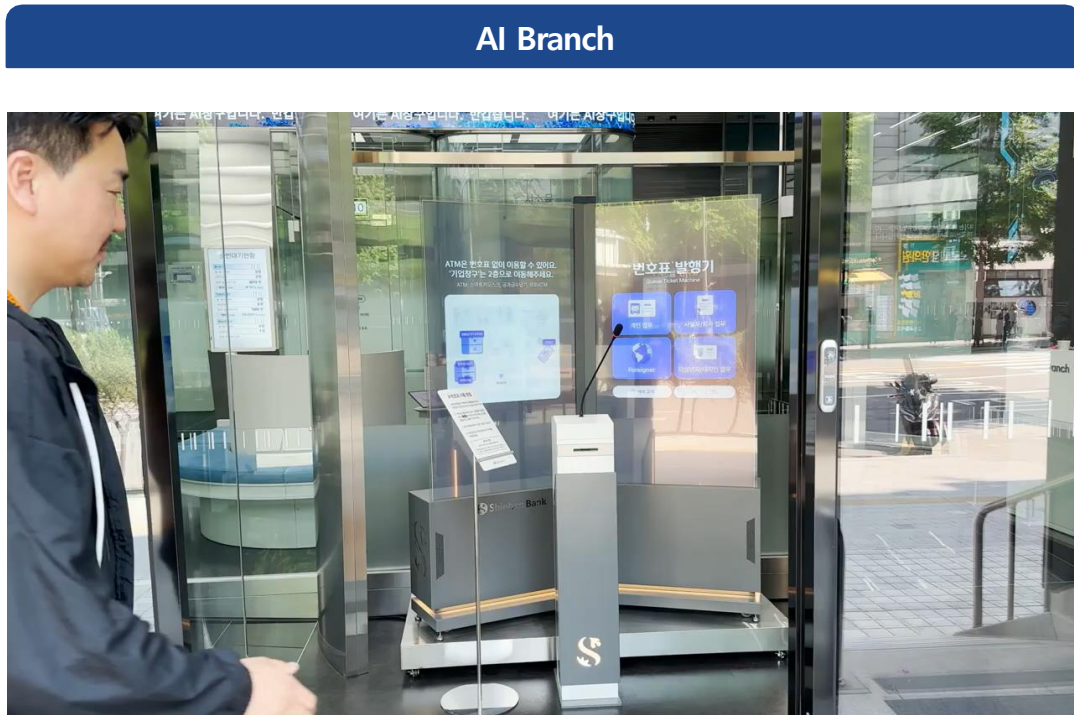
Naver



- Conducted 420,000 SaaS detection projects
- After activation, expected usage:
 - 500,000 cases per day
 - 15 million per month
 - 180 million per year

Shinhan Bank AI Banker

We established an **unmanned digital branch** powered by AI avatars, automating customer interactions and enabling **innovative financial services**.





AI STUDIOS 4.0

aistudios.com

AI Studios is an **all-in-one generative AI video platform** that **streamlines the entire content creation process.**



All-in-One AI Platform

avatar	Custom avatars, photo avatars, and 2,000+ avatars Full body gesture, polyphonic
Editor	7,000 video templates, 3 million images/videos, subtitles, scene addition, animation, etc.
Multilingual and dubbed	Over 110 languages available, over 1,000 voices, automatic translation of projects, AI dubbing
Automatic video generation	Automatic generation of YouTube videos, automatic generation of PPT/PDF-based videos, Automatic URL-based video generation
Generative AI	Cinematic video creation, generative images, and text generation capabilities

Media Sector



Broadcasting Using AI Anchors (Main Features: Studio Avatar, Editor)

Business Model

- AI news anchor creation
- Broadcasting of news and informational announcements
- Noon News delivered by AI anchors

Benefits

- Reduce burden on human anchors by handling urgent news alerts
- Enables 24/7 video production and broadcasting
- Lowers studio operation and production labor costs

Similar
Cases



AI Studios drives **content productivity and revenue growth** through **cost reduction and efficient time management**.

Traditional Video Production



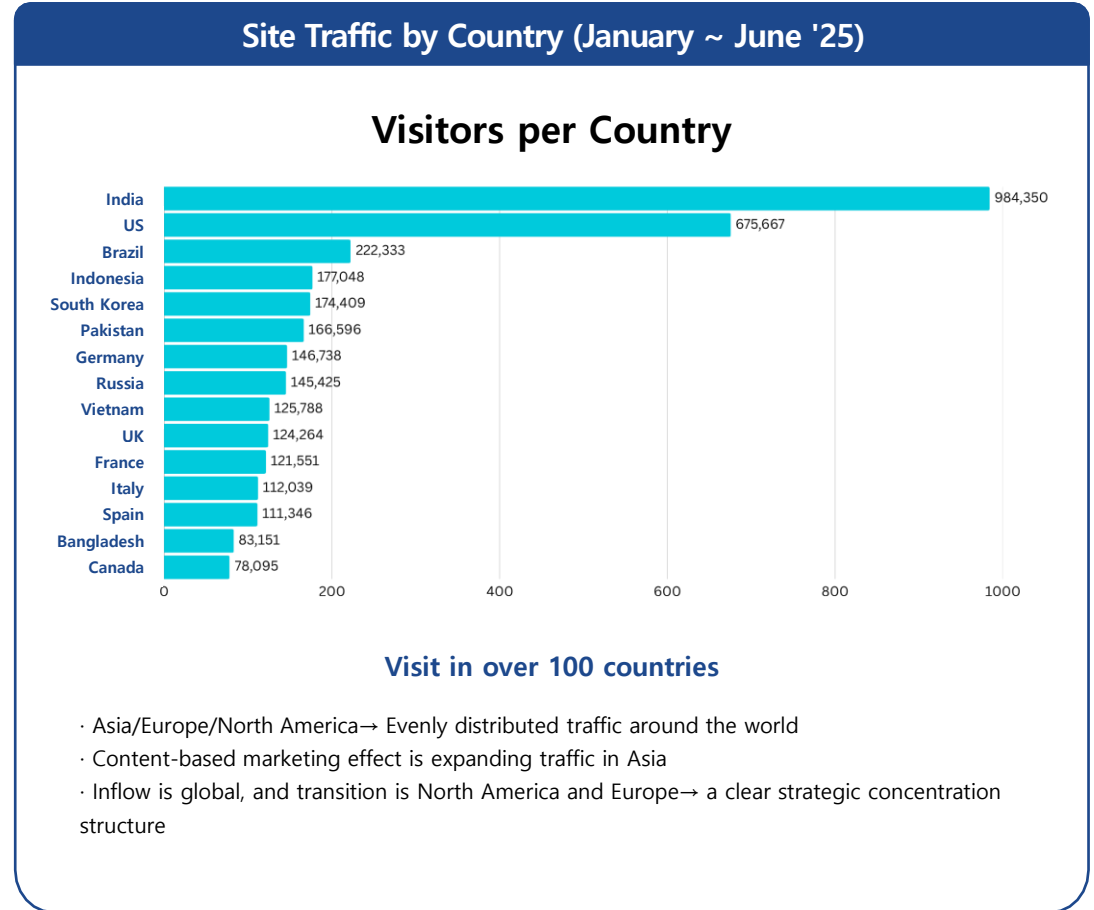
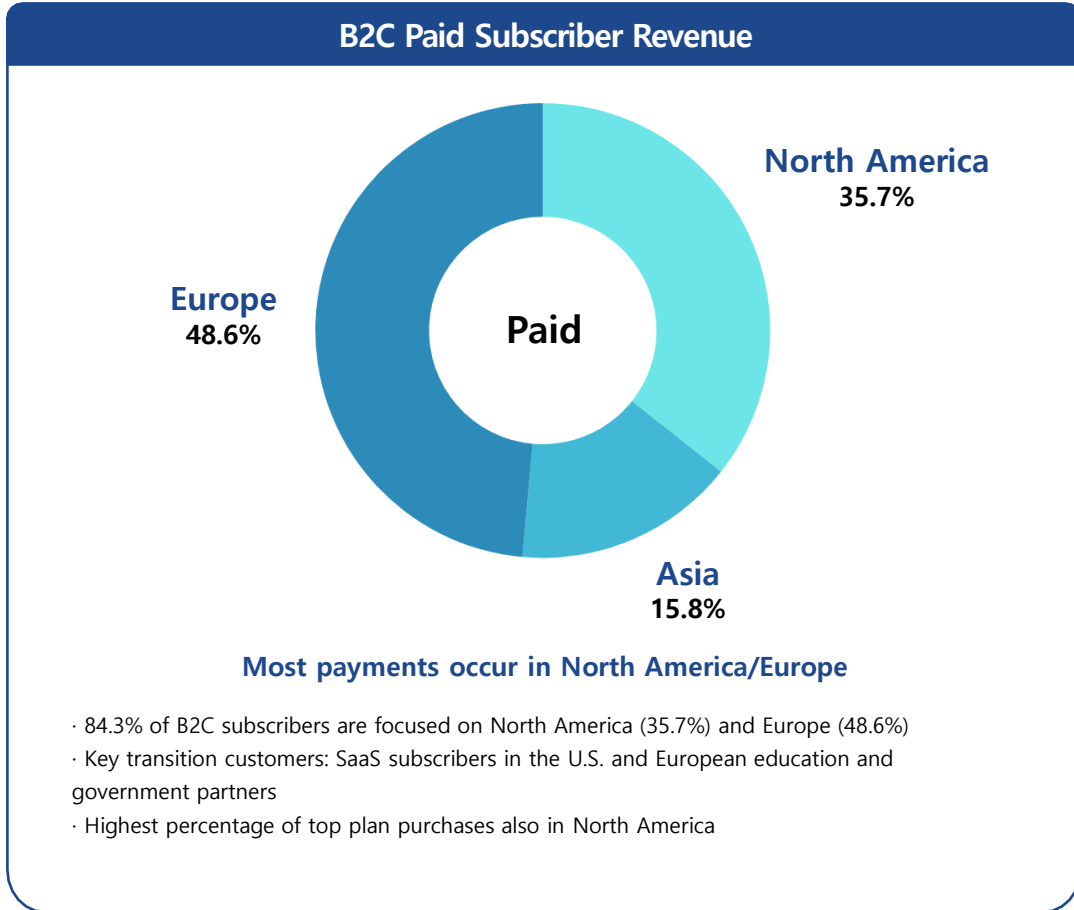
- Requires planners, models, filming staff, and video editors
- Involves high additional costs for model licensing and location rentals
- Needs expensive editing equipment and professional video editors
- Difficult to produce additional content or conduct reshoots

AI Studios Video Production



- No additional personell required beyond the video creator
- No extra payments for licenses or usage rights
- Works in a web browser with no installation; easy for beginners to use
- Smooth modification and reprocessing supported

Paid conversion is accelerating in the U.S., gaining strong traction in Europe, and growing steadily with balanced global traffic, including Asia.



Vision

Emotion-aware virtual humans with expressive lip-sync and actions

Versatile generative virtual humans that **adapt emotions, tone, and movement to any situation**



Utilizing our in-house LLM model, we deliver real-time answers to unstructured queries and are expanding our business beginning with financial sector adoption.



Pioneering new markets using digital humans

AI human services are gaining traction in finance, education, and media, while advancing **into new markets** like YouTube, OTT, entertainment, and on-device AI.

finance

- AI Banker
- AI Designer

education

- Cyber University
- In-house training

media

- station
- AI Announcer



YouTube Creator

OTT (Netflix...)

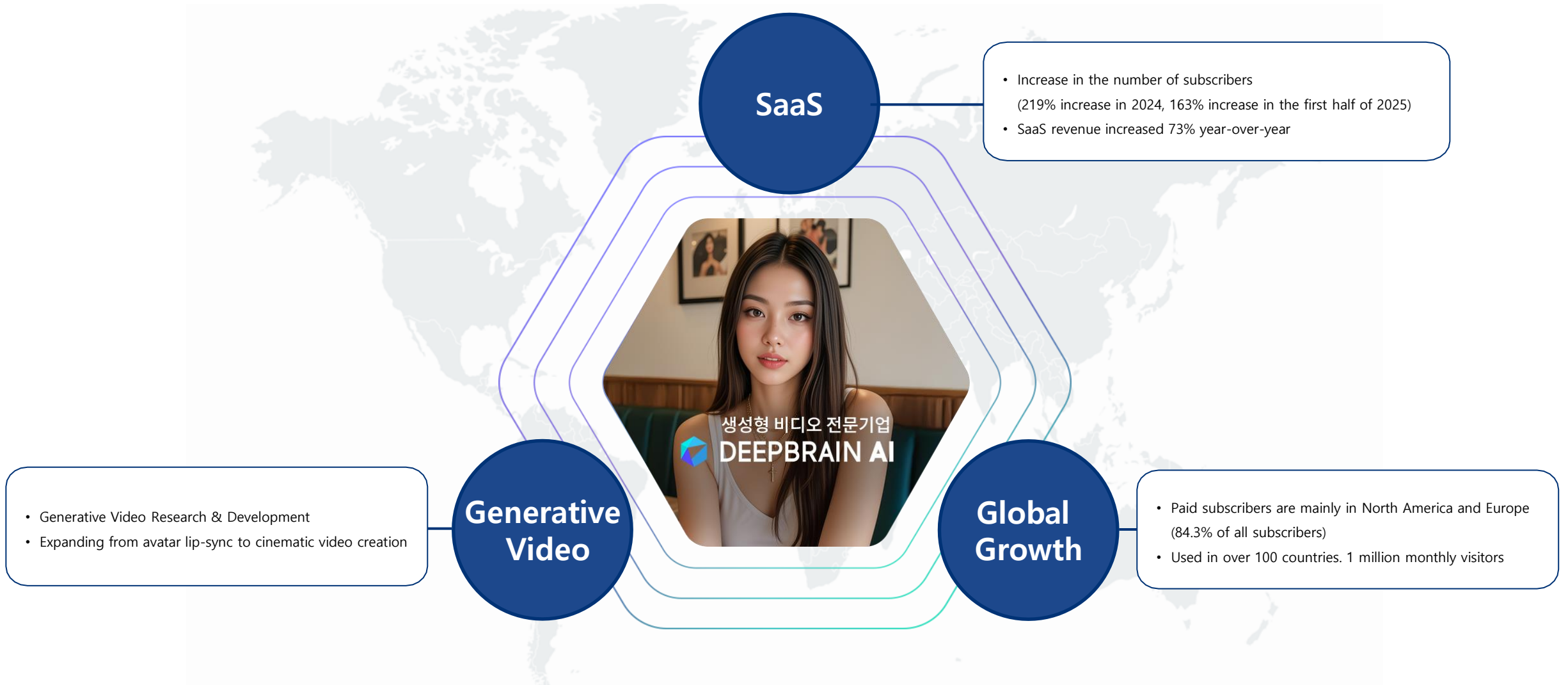
AR/Smart Glass

AI Commerce

Generative Video

On-Device AI

Accelerating SaaS-driven growth to lead the global generative video revolution.



AI for Human Life

We are shaping the future with AI

