



The best services for creative development

SINCE. 2021

LINESOLUTION CO., LTD.

Company Overview

Corporate Information



Company Name
LINESOLUTION CO., LTD.



CEO
Daesung Jang



Established
February 22, 2021



Business Registration No.
190-86-02213



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5F, 68-1 Jungang-ro, Suncheon-si,
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Business Areas
AI Technology, LED Display, Immersive Content

🏆 Key Milestones



2021

Company Founded
Immersive Content MVP Project



2022

VR·AR MVP
Production Project



2023

Startup Growth Tech Dev
Revenue: 530M KRW



2024-25

AI Tech Commercialization
Target: 1,100M KRW

About Us

Vision & Mission



Vision

A digital solutions leader merging technology and art to create new user experiences.



Mission



Best Services

Deliver the best services for creative development



Continuous Challenge

Pursue continuous challenge and research



Effective Solutions

Provide effective marketing solutions



Core Values



Innovation

We embrace creative thinking and new technologies.



Trust

We build lasting relationships through transparency.



Collaboration

We achieve excellence through teamwork.



Customer Value

We prioritize customer needs and meaningful impact.

Core Business Areas

Our Specialized Fields

LINESOLUTION specializes in four core business areas, focusing on AI technology and LED display content technologies to create innovative digital solutions that merge art with cutting-edge technology.



AI/Development & R&D

Advanced AI Solutions & Backend Systems

Development of AI-powered solutions and robust backend systems. From generative AI models to prediction algorithms, we build customized solutions that enhance business operations.

Key Technologies:

Generative AI Prediction Systems Data Analysis
Platform Development



Immersive Content (VR/AR/MR)

Interactive Experiences & Simulations

Creation of immersive, interactive content using VR, AR, and MR technologies. We design engaging experiences for education, tourism, healthcare, and industrial applications.

Applications:

Training Simulations Interactive Tours
Educational Content Maintenance Support



2D/3D Modeling

Digital Asset Creation & Animation

Production of high-quality 2D and 3D digital assets. Our team creates everything from detailed high-poly models to optimized low-poly assets for real-time applications.

Specializations:

High/Low-poly Models Character Animation
Real-time Rendering Digital Twins



Media Art

Digital Displays & Interactive Exhibitions

Creation of stunning visual experiences through digital media art installations. We combine technology and artistic vision for media walls and interactive exhibitions.

Projects:

Media Walls Interactive Exhibitions Spatial Design
Digital Signage Art

Key Technologies & Products

Innovative Solutions

LINESOLUTION offers innovative technological solutions combining AI technology with interactive content experiences:



Modul Fold

Generative AI-based digital signage platform
Dynamic content generation for digital displays



AI Irrigation Automation

Data-driven irrigation decision system
Remote monitoring and control capabilities



VR Dental Hygiene Education

Simulation-based training modules
Interactive assessment and practice platform



3D Digital Media Wall

Real-time interactive content system
3D engine-based visualization platform



Unmanned Mail Delivery

Autonomous mail identification and delivery
Secure authentication and monitoring system



Web AR Tourism Platform

Browser-based augmented reality experiences
No-installation regional tourism content

Projects & Government Support

Track Record (2021-2025)

Since its establishment, LINESOLUTION has continuously strengthened its AI technology and LED display content capabilities through government support programs and corporate projects.

■ Government Programs ■ Corporate Projects

2025

 **Startup Leap Package** Government

Modul Fold (Generative AI-based digital signage) development

2024

 **AI Tech Commercialization** Government

AI-based open-field irrigation automation system advancement

 **Metaverse Prototype** Government

VR-based dental hygiene education content development

 **JCEP Content Production** Government

Interactive/immersive content production

2023

 **Initial Startup Package**

Government

3D engine-based digital media wall development

 **Growth Technology Dev.**

Government

Unmanned mail delivery system implementation

 **LED Display** Corporate

Interactive LED media wall for commercial facilities

2022

 **VR·AR Production Center**

Government

Digital art fusion AR+media art exhibition content

 **Public Digital Signage** Corporate

Information LED display system for public institutions

2021

 **Immersive Content MVP**

Government

Web AR-based regional tourism platform

 **Company Establishment**

Corporate

LINESOLUTION CO., LTD. founded (Feb. 22, 2021)

Technical Capabilities

Core Technologies

LINESOLUTION has built expertise in 5 core technology areas that form the foundation of our innovative digital solutions:



AI/Machine Learning

Development of generative AI systems, predictive analytics, and classification algorithms with data pipelines and APIs for seamless integration.

Examples: NLP, computer vision, recommendation systems



VR/AR/MR

Creation of immersive experiences with real-time interactive environments for training, simulation, and experiential applications.

Examples: Educational simulations, industrial training, tourism



3D Modeling & Rendering

Expert creation of high/low-poly 3D models, animations, and efficient rendering pipelines for Unreal Engine and Unity environments.

Examples: Digital twins, architectural visualization



IoT & Automation

Integration of sensors, gateways, and monitoring systems for comprehensive IoT solutions with intuitive data visualization dashboards.

Examples: Smart irrigation, remote monitoring and control



Media Art Fusion

Blending technology with artistic expression to create captivating interactive exhibitions, digital media walls, and immersive spatial installations.

Examples: Interactive exhibitions, media walls, projection mapping

Core Technology Ecosystem

AI × LED Display Technologies

LINESOLUTION creates innovative business value through our core competencies in **AI Technology** and **LED Display Content Technology**.



AI Technology

Artificial Intelligence Solutions



Generative AI

Automated content creation



Prediction/Optimization

Data-driven decision making



Machine Learning

Custom AI model training



Data Processing

Pipeline development



LED Display Content Technology

Digital Visualization Solutions



Digital Signage

Customized information displays



Interactive Media Wall

User-engaging experiences



Media Art

Spatial design & exhibitions



3D Visualization

Real-time rendering



Business Applications



Modul Fold

AI-based digital signage



Smart Agriculture

AI-powered irrigation



Commercial/Public

Customized displays



Exhibition/Media Art

Interactive experiences



Education/Training

Immersive learning

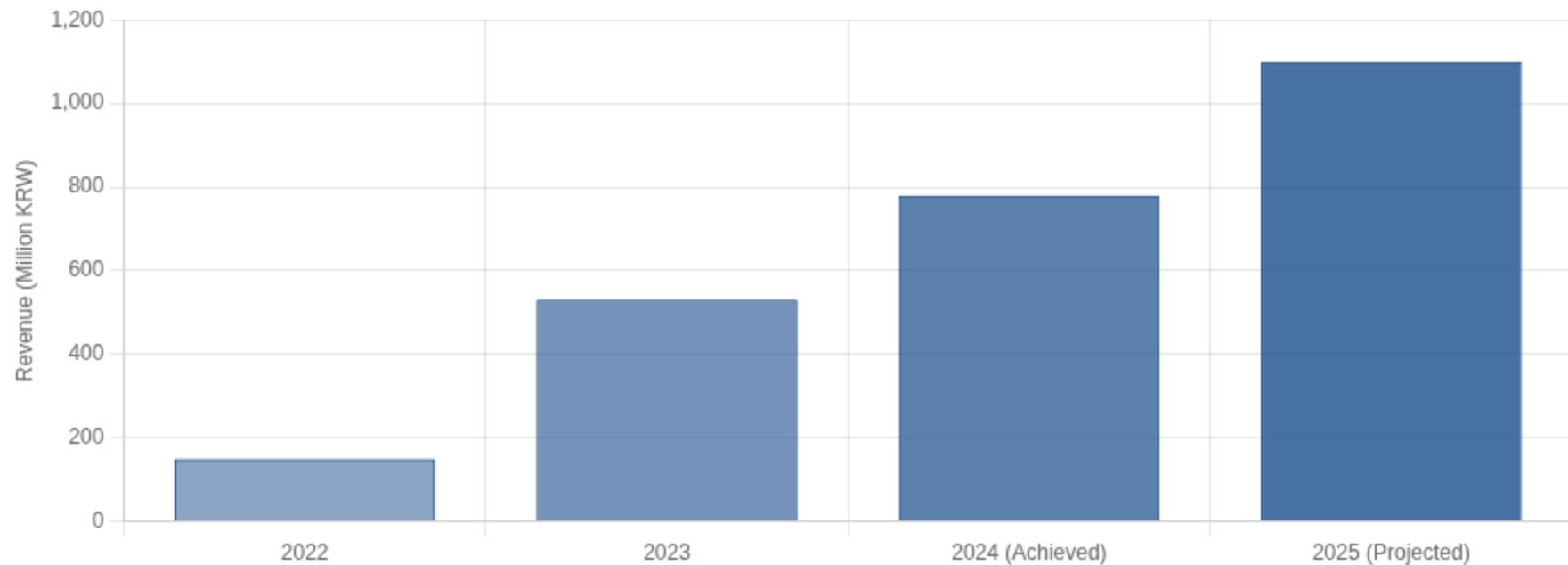
■ AI Technology Related

■ LED Display Related

Growth Metrics

Revenue Growth & Business Expansion

Since its establishment in 2021, LINESOLUTION has shown **steady revenue growth** while expanding its business areas and developing a stable growth trajectory.



↳ Business Expansion Indicators

- ✓ Continuous acquisition and successful execution of government projects
- ✓ Strategic filing and registration of intellectual property rights
- ✓ Enhancement of core technological capabilities and business diversification

Business Models

Our market approach strategies



B2B

We provide tailored solutions to enterprises and public sector organizations, helping them leverage cutting-edge technology to improve operational efficiency and create immersive experiences.

● AI Irrigation System

● Digital Media Walls

● Unmanned Delivery Systems



B2C

We deliver immersive content and educational experiences directly to consumers, transforming how they interact with digital media, learn new skills, and experience digital art.

● VR Educational Content

● AR Tourism Experiences

● Interactive Media Art



Platform

Our platform solutions offer scalable, AI-powered infrastructure for digital signage and immersive content operations, with automated optimization, analytics, and content generation.

● Modul Fold (GenAI Signage)

● Immersive Content Management

● Analytics Dashboards

Key Competitiveness

Competitive Advantages

LINESOLUTION's competitive advantages in AI technology and LED display content solutions.



Proven Government Project Track Record

Successful completion of multiple government initiatives since 2021, including AI Tech Commercialization and R&D programs with high success rate.



Specialized Immersive Content Expertise

Deep specialization in VR/AR/MR content with proven implementation across education, tourism, and industrial applications.



AI + IoT Convergence

Integration of AI with IoT systems creating intelligent automation solutions that outperform traditional approaches.



Regional Network & Rapid Response

Strong local presence in Jeollanam-do with quick on-site support capabilities that national competitors cannot match.



End-to-End Delivery

Comprehensive service from planning through development to operations, ensuring seamless execution and long-term sustainability.

Project Portfolio

Key Projects



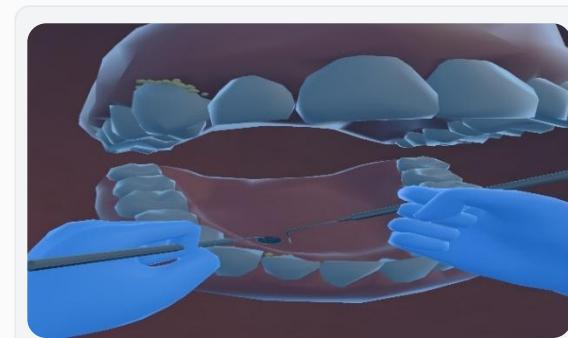
AI Technology

Modul Fold



AI Technology

AI Irrigation Automation



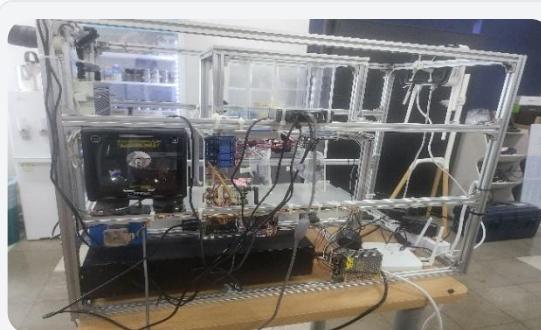
VR Content

VR Dental Hygiene Education



LED Display

Digital Media Wall



IoT Solution

Unmanned Mail Delivery System



AR Content

Web AR Tourism Platform

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Thank you for your interest in LINESOLUTION.

We deliver the optimal solution for your needs.