2025

Hangzhou · Shenzhen

Leading AI Company

LongOS

Lifelike AI Coworker Terminal



An AI that operates computers and gets real work done.

ALIANGI

Digital Beings

Zhejiang University × Liangsheng Digital

Joint AI Digital Life Lab

Pioneering the Future of Digital Life



02 / THE SOLUTION

A First in China—

Human and AI Coworkers Working Side by Side



Longgang Deputy District Mayor Ding Jisong introduces the LongOS AI Hub

Shenzhen Debut · May 30, 2026

Not a chatbot or virtual receptionist. A lifelike coworker that talks, serves and completes real work.

Multimodal Interaction

Roles Across Functions

Expertise That Delivers

Three in One. Enterprise-Ready AI.

One terminal + one platform + one server. Autonomous PC operation, end-to-end delivery, private data.



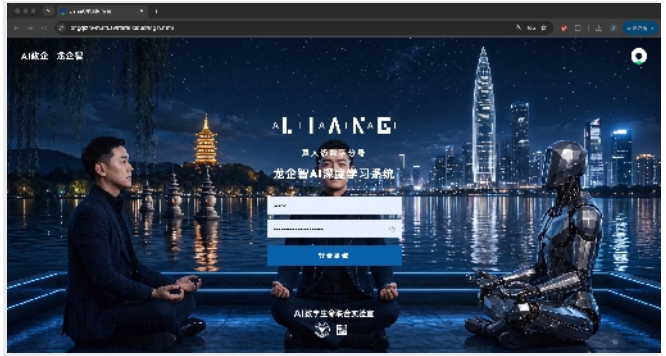
LongOS AI Terminal

Transparent OLED and directional microphones bring a lifelike coworker to the service desk.



LongOS AI Server

Preloaded LiangAI model, domestic compute and a closed private network.



LongOS

Avatar Creation Platform

- Persona Configuration
- Workflow Design
- Knowledge Base Upload

Delivered together: one terminal, one server and one private platform. On-premises deployment in as little as two weeks.

Proven in Shenzhen & Hangzhou

From public-service counters to joint innovation, AI coworkers are entering everyday operations.

CASE 01 · SHENZHEN



Global Smart Hardware Valley · AI Hub

THE CHALLENGE
High visitor volumes and multilingual inquiries strain the industrial park reception team.

THE SOLUTION
A transparent-OLED AI coworker handles policy questions and business wayfinding, 24/7.

CASE 02 · HANGZHOU



Hangzhou IP Protection Center · Service Desk

THE CHALLENGE
Patent filing and IP protection questions are complex. Specialists and counter capacity are limited.

THE SOLUTION
An expert-level AI coworker offers guidance, process assistance and a private domain knowledge base.

Also deployed: Qianhai Big Data Center and Longgang business-service parks.

21 Invention Patents

Digital Life Innovation



Cross-Platform. All Devices.

Patent Application:
202510432797.0

Breaking Compute Barriers
Secure GPU-Free Endpoints

Role Model

Adaptive Optimization

Patent No.: ZL202610245487.2

Personalized at Scale

Patent Application:
202510670640.1

20× Concurrency
Under Equivalent Compute
Benchmark: 5 vs. LiangAI 100+

05 / INSTITUTIONAL RECOGNITION

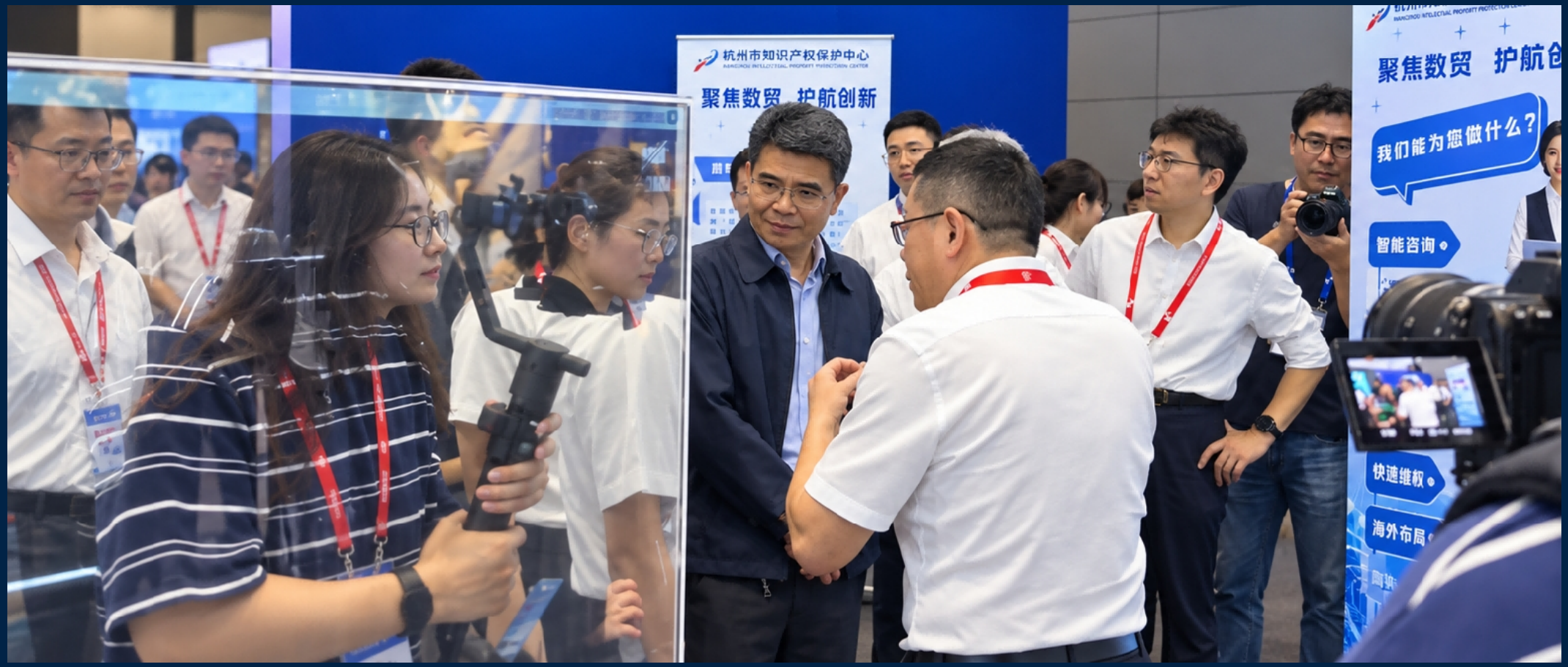
Recognized. Proven.

National and local agencies, alongside overseas delegations, have visited and reviewed LongOS.

Visits from Government & International Delegations

Recognition, Standards & Industry Participation

From Technology Innovation → Standards → Ecosystem Leadership



CNIPA Party Secretary Chen Fuli received a briefing on LongOS patents.

Featured patent-intensive product at the Global Digital Trade Expo



Zhejiang Vice Governor Hu Wei visits LongOS



Longgang Deputy District Mayor Ding Jisong launches the LongOS AI Hub Service Center.



Hangzhou IP Bureau Director Ma Chengrong visits LongOS



Shenzhen Public Security Deputy Director Jin Zhanyang visits



Robotics Bureau Director Zhao Bingbing visits LongOS



Kenyan Trade Counsellor Wahuru visits LongOS



South African Counsellor Mamadi visits LongOS



Bharti Telecom Managing Director Sharma visits LongOS



Shenzhen Bay Technology GM Deng Yingping visits LongOS



Qianhai Big Data Center GM Hou Fan visits LongOS



Wasu Group Chairman Lu Zhengpin visits LongOS



Longgang Science & Innovation Bureau Director Lin Yitao introduces LongOS



Shanghai Caohejing Development Zone representative Gu Lun visits



Hunan University of Technology & Business President Hou Junjun visits

01 / THE BUSINESS CHALLENGE

The Service Gap: Talking Is Not Doing

The market has plenty of AI that can talk. What is missing is an AI coworker that can operate systems and deliver results.

01
High Staffing Costs

Routine queries and guidance consume frontline time. Night shifts and peak periods are hard to staff consistently.

02
An Impersonal “AI Feel”

Text-only chatbots lack human presence. Interactions feel fragmented and customer confidence suffers.

03
Advice Without Action

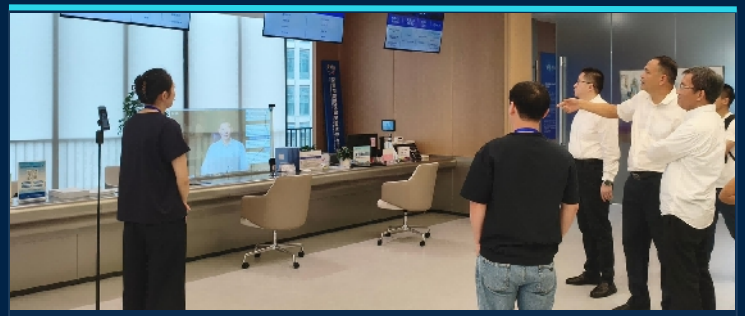
General-purpose models offer suggestions but cannot operate business systems to complete the task.

04
The LongOS Difference

Lifelike presence plus autonomous PC actions: AI coworkers that deliver outcomes alongside people.

One Platform. Every Frontline Service Scenario.

Public services · Transport · Education · Healthcare · Retail · Property management



Government Services

Service guidance and policy support at government counters and AI Hub centers.



Travel & Transport

Multilingual airport assistance, information and wayfinding.



Higher Education

Library reception, campus guidance and self-service assistance.



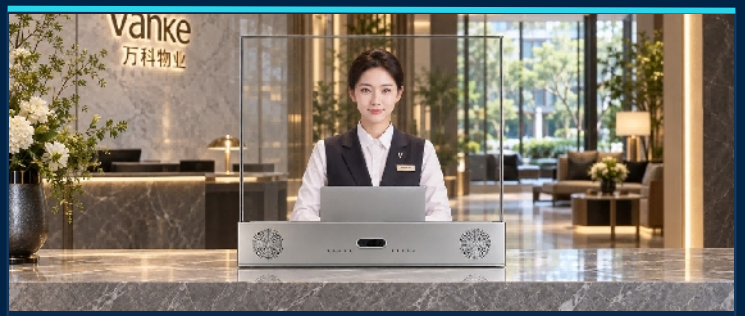
Healthcare

Hospital reception and triage guidance during busy hours.



Retail & Luxury

Lifelike digital store associates enhance premium customer service.



Corporate & Property

Always-available guest reception in offices and residential lobbies.

An AI Coworker at Every Service Desk.



Government Service Hall



University Library



Hospital Reception



Business Park Service Center



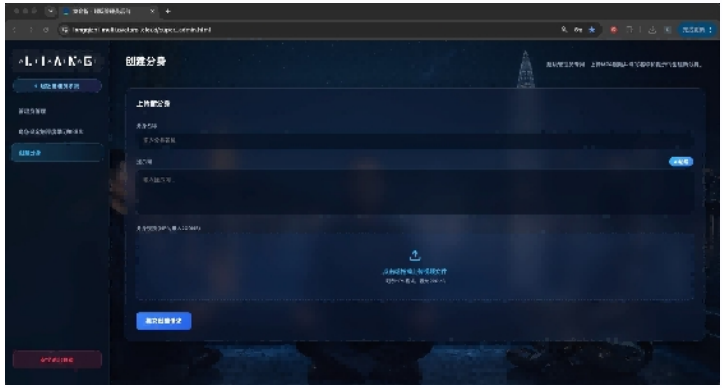
Senior Community Services

One platform, configured per role with its own persona and knowledge base: service, staff and expert levels.

PLATFORM

Create a LongOS AI Coworker in Three Steps

Create the persona, build the workflow and upload knowledge—supported by tiered administration and private deployment.



1

Persona Setup

Upload an MP4, add a name and instructions, and define the coworker's identity and work style.



2

Workflow Design

Configure end-to-end service processes with AI-assisted workflow authoring.



3

Knowledge Learning

Upload TXT, PDF, DOC or DOCX materials to build private, job-specific expertise.

DIFFERENTIATOR 03

Your Data Never Leaves Your Network.

An on-premises architecture with domestic compute, designed for secure enterprise and public-sector IT environments.

100%

Private Network

The LiangAI model, avatar rendering and knowledge base all run inside the customer’s infrastructure.

LOCAL

Domestic Compute

AI accelerators and servers use domestic chips for localized IT environments and supply chains.

9

Security Layers

Tiered admins, role authentication and activity audit logs support enterprise security requirements.

A core distinction from cloud-only AI: LongOS can be deployed where sensitive data must stay on-site.

09 / TECHNOLOGY ADVANTAGE

Our Technology in Four Numbers

Technical capabilities presented for enterprise due diligence and hands-on verification.

21

Invention Patents

Spanning avatar creation, directional capture, real-time rendering and concurrent scheduling.

1,000s

Personalized · 10K Concurrent

Personalized avatars and up to 10,000 concurrent API requests on one platform.

9

Security Layers

Authentication, audit trails and content controls for regulated environments.

4

Interaction Modes

Text, voice, video and images—accessible even without typing.

Built in China: LiangAI role model + real-time avatar engine + role scheduler. Developed in-house without relying on third-party LLM APIs.

Pioneering the Next Era of Digital Life AI



Zhejiang University × Liangsheng Digital · Joint AI Digital Life Lab

Beyond Products. Helping Shape Standards.

- Joint AI Digital Life research with Zhejiang University
- Contributor to embodied-AI industry group standards
- Proposals for national digital life governance guidance
- 21 invention patents across the digital-avatar stack
- Technology services and IP licensing for leading enterprises

From Innovation → Standards → Ecosystem Leadership

NVIDIA AI & Content Creation Forum

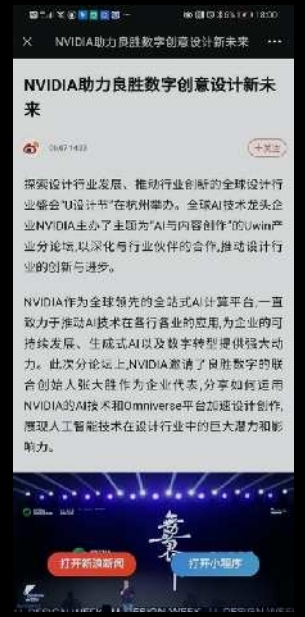
Invited Speaker

“By combining large language models and neural animation, digital humans began to learn, adapt and move beyond their virtual origins.”











AI MILESTONES

China Computer Congress Invited Speaker

Our vision: AI assistants for everyone within five years–and services reaching tens of millions.

AI digital life may eventually enter the physical world through robotics, working and living alongside us.
People may also spend more time in digital spaces alongside intelligent AI beings.











AI MILESTONES

Hurun Metaverse Summit
Invited Speaker

Hurun Future Star Award

On August 29, 2024, LiangAI received the “Future Star” recognition on the Hurun China Metaverse Potential Companies list for its work in digital life technology.

Earlier, it introduced personalized AI avatars at scale, designed for high-concurrency service and commercial applications.













AI MILESTONES

ByteDance Volcano Engine FORCE Conference Featured Speaker

Human + AI Coexistence

As LLMs advance, digital life could become a new kind of intelligence alongside biological life.

Digital beings may include original characters from games, animation and literature, with ever-growing capabilities.

Humans may evolve alongside the intelligent digital life they create, opening a new era of coexistence.

A vision of AI intelligence beyond IQ 120







AI MILESTONES

NDRC Policy Workshop Invited Presenter

From Tools to Coworkers



Super Agents

From tools to digital coworkers.
Enterprise super agents
Coordinate operations and innovation.
Personal super agents
Support personal growth and potential.





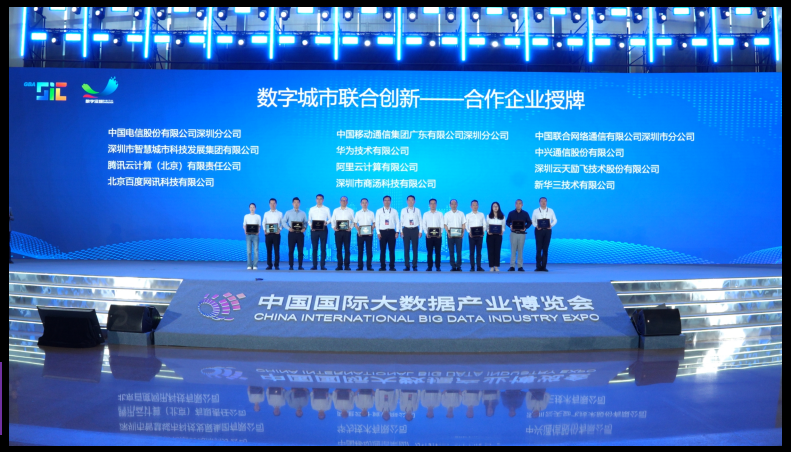
More Than a Digital Double

Empowering Your Best Self

AI MILESTONES

Digital Shenzhen Innovation Center Member Organization

Multimodal AI Avatars





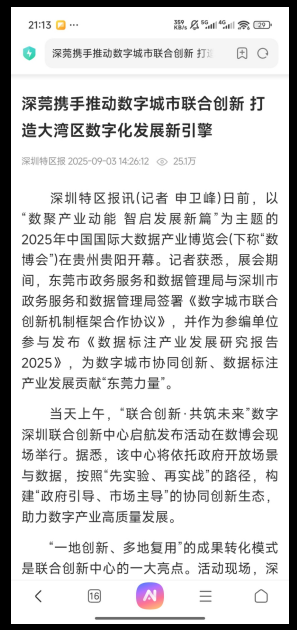
Public-Service AI

21 invention patents support personalized, high-concurrency service at scale, across service, staff and expert levels.
Text, voice, video and image interaction combines with lifelike digital presence.

More human-centered services.

Nine Layers of Security









THE CASE FOR LongOS

Why Choose LongOS?

From AI tools to AI coworkers—every organization deserves its own digital team.

01

Lifelike. Action-Oriented.

Operates computers autonomously and delivers real business outcomes.

02

Proven in Practice.

Demonstrated across government, transport, universities, hospitals and retail.

03

Deep Technology.

21 patents · high concurrency · 10% compute · GPU-free endpoints.

04

Private and Secure.

On-premises operation, domestic compute and nine security layers.

05

Research and Ecosystem.

Joint work with Zhejiang University, NVIDIA and innovation partners.

A Digital Coworker For Every Organization

Assist · Advise · Coordinate

Pioneering Digital Life

Digital Life Forerunner

良胜数字

LiangAI AI Technology Co., Ltd.

HANGZHOU

VISITOR CENTER
Room 302, Unit 1, Building 6
China Cloud Valley, No. 666 Zhenhua Rd.
Xihu District, Hangzhou
Zhejiang, China

SHENZHEN

OPERATIONS CENTER
24/F, Tower B4, Building 9
Shenzhen Bay Technology Eco-Park
No. 3609 Baishi Road
Nanshan District, Shenzhen, China

www.liangai.com.cn