CYBERLINKS.AI | AETHERMIND.AI

COMPANY PROFILE · 2026

AI for the core of industrial production

We build industrial AI that works inside the process — sensing, predicting and controlling plants in water, energy, palm oil and manufacturing.

Headquarters
Jiaxing, Zhejiang, China

Presence
China · Singapore · Malaysia · Vietnam · Canada

Focus
Water · Energy · Palm Oil · Manufacturing

01 · WHO WE ARE

Industrial AI that runs the plant, not just the dashboard

Cyberlinks.AI is an industrial AI company serving the water, industrial and energy sectors. Across Southeast Asia we operate as **Aethermind AI**. We combine our own AI technology stack with deep process know-how to rebuild how plants are controlled and managed: safer production, lower cost, higher efficiency.

14
wastewater treatment plants running our AI

420k t/d
wastewater treated under AI control

4
integrated energy stations in operation

60
palm oil mills signed in Southeast Asia

20+
software copyrights and patents, granted and pending

16+ yrs
average industry experience of the core team

What makes us different

- **Inside the process.** Our models write set-points back to PLC/DCS in seconds. They do more than display data.
- **Process experts and AI engineers in one team.** Wastewater, chemical, palm oil and energy engineers work alongside AI veterans from Huawei, Baidu and Tencent.
- **Built to replicate.** Standard platform + configurable "atomic capabilities", so a solution proven in one plant scales to a group or an industrial park.
- **Paid for by results.** Where it fits, we invest under energy-performance contracts and share the savings.

Global footprint

Jiaxing, China
Group headquarters · R&D center

Shanghai, China
Market center · business development

Hong Kong
International office

Singapore
Asia-Pacific headquarters

Kuala Lumpur, Malaysia
Southeast Asia delivery hub

Vietnam
Local subsidiary · manufacturing services

Toronto, Canada
North America office

Two brands, one group. Cyberlinks.AI leads R&D and projects in China and globally. Aethermind AI is the group's brand for Southeast Asia, delivering the same technology stack with local engineering teams.

02 · TECHNOLOGY

From data to decisions to control

Most factories have connected their equipment and built dashboards. The step most of them have not taken is letting AI act on the data. Our stack is designed for that step.

Unified data foundation

We connect six types of data: process, equipment, quality, production, energy and environment, and management data. Sources range from PLC/DCS and IoT sensors to lab results, ERP and KPIs. The result is data that is governable, connected and computable.

Lingxi MoE industrial model

Our mixture-of-experts industrial model combines mechanism models with data-driven learning, a domain knowledge base and expert experience. It solves multi-objective problems: best quality, lowest energy, lowest cost, highest safety.

AI agents

AI Process Agent for process industries: water, chemicals, palm oil, energy. **AI Factory Agent** for discrete manufacturing: scheduling, capacity balancing, defect root-cause analysis, maintenance and inventory planning.

Closed-loop control

Decisions go straight to actuators (variable-frequency drives, valves, pumps, heating and cooling) through PLC/DCS. The system learns from every result and corrects its own parameters as conditions change.

HOW THE AI PROCESS AGENT RUNS A PLANT

Sense — Soft sensors estimate variables you cannot measure directly

›

Predict — Load, quality, energy and equipment trends 2–4 hours ahead

›

Decide — Optimal parameter set across quality, energy, cost and safety

›

Control — Second-level execution through PLC/DCS

›

Learn — Feedback refines models and strategy continuously

Small models see

Millisecond detection of people, PPE, objects, defects and equipment states.

Large models understand

Reasoning in context: is the step correct, is the permit valid, is the operation in scope?

Knowledge graphs make it precise

SOPs, regulations and expert know-how become one machine-executable standard.

03 · PRODUCTS & SOLUTIONS

One platform, configurable for every plant

We deliver standard products, configure them to each site, and maintain them over their lifetime. Every module can be deployed alone or as part of the full stack, on-premise or at the edge, and it reuses existing cameras, sensors and control systems where possible.

ITS Industrial Total Solution

The industrial data hub. It unifies equipment, sensor and enterprise data with real-time monitoring, workflows, permits and analytics in one platform.

Lingxi MoE Engine

Our own industrial model engine. It runs the prediction, optimization and natural-language Q&A, explanations and reports behind every agent.

AI Process Agent

Closed-loop optimization for aeration, dosing, flow, sterilization, pressing and other unit operations.

AI Factory Agent

Production decisions for discrete plants: optimal schedules, capacity balance, quality root cause, safety stock and replenishment, cost levers.

Industrial Safety OS

AI CCTV and AI SOP compliance: PPE, step sequence, timing, danger zones, fire and smoke, with automatic evidence capture and closed-loop follow-up.

IoT Predictive Maintenance

Vibration, temperature, current and acoustic sensing with AI fault diagnosis for pumps, blowers, motors and energy equipment.

Digital Twin & Control Rooms

Real-time digital replicas of plants and sites, used for unified dispatch, simulation and visual operations.

Smart Energy Management

Load forecasting, multi-energy coordination and storage dispatch for parks and factories, plus carbon accounting.

Private AI Knowledge Base & Agents

On-premise assistants trained on your procedures, process manuals and maintenance logs. They support Q&A, training and work-order support.

04 · INDUSTRIES

Where we deliver

Six sectors share one technology stack. We have taken three of them, wastewater, integrated energy and palm oil processing, from first pilot to replicated deployment.

Palm Oil & Agribusiness

AI fruit-bunch grading and robotic sorting, sterilization and digester optimization, digital-twin control rooms, unmanned weighbridges, predictive maintenance.

- A global integrated palm oil group
- A leading palm oil refining group (4 mills, Indonesia)
- A major Malaysian plantation group
- A long-established Malaysian plantation company
- A palm oil producer in West Kalimantan, Indonesia

Water & Utilities

AI process control for municipal and industrial wastewater, plus unified monitoring and predictive maintenance for distributed treatment networks.

- Jiaxing Port Industrial Wastewater Plant, China
- A 200,000 t/d wastewater plant, Zhejiang, China
- A Southeast Asian national wastewater operator (8,000+ stations)

Energy

Coordinated optimization of generation, grid, load and storage for industrial parks, with load forecasting and an energy cockpit.

- 4 integrated energy stations, China

Manufacturing & Industrial Safety

SOP compliance vision, PPE and behavior monitoring, forklift collision prevention, IoT predictive maintenance, production decision agents.

- A state-owned food processing group
- A coking plant, Inner Mongolia, China
- Advisory work with multinational manufacturers

Infrastructure & Transport

Large-scale AI CCTV analytics, vehicle recognition and IoT predictive maintenance for transport hubs and rail systems.

- A major integrated transport terminal, Kuala Lumpur
- A metropolitan rail operator, Malaysia
- An international motorsport event, Malaysia

Smart Parks & Logistics

Visitor and vehicle management with face recognition and OCR, smart-park operations, energy and environment monitoring.

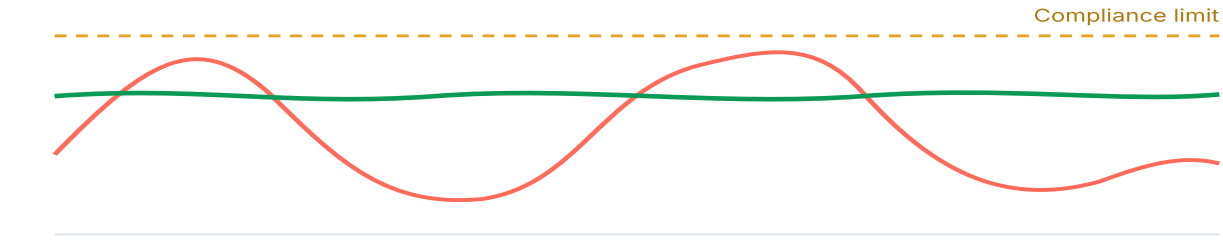
- A multinational high-tech park, Kuala Lumpur

Client names are withheld under confidentiality agreements. Publicly recognized projects are named.

05 · PROVEN IMPACT

Results we can measure

AI predictive control flattens process swings, so a plant can run safely closer to its optimum. That is where the savings in energy, chemicals and labor come from.



Manual control: react after the alarm, keep a wide margin — AI predictive control: stable, closer to the optimum

Wastewater treatment · 14 plants in operation

−17%	−20%	+35%	74k+ t
electricity consumption	chemical dosing	labor productivity	CO_2 avoided per year

420,000 t/day treated · about RMB 58 million of economic benefit per year

Integrated energy · 4 stations in operation

−32%	15.8 GWh	12M RMB	11k+ t
overall operating cost	electricity saved	direct benefit per year	CO_2 avoided per year

Selected as an AI application demonstration project of China's G60 Science & Technology Innovation Corridor

Palm oil processing · 60 mills signed (projected)

17%+	+0.5%	~13 mo	600k t
lower steam and power use	oil extraction rate (OER)	average payback period	CO_2 reduction per year

Palm oil figures are projections across signed mills. They will be replaced by measured results as deployments go live.

06 · PEOPLE & CREDENTIALS

Leadership team

Yong XiaoRan
Founder & CEO

AI R&D veteran since 2010 in NLP, LLM architectures and AIGC productization. Enterprise deployments in finance, manufacturing and education. Computer Science (AI), University of California, Santa Barbara.

Dr. Kuan-Yeow Show
Chief Scientist

Professor, ASEAN Academy of Engineering and Technology (AAET), and tenured faculty at NTU Singapore. Authority on industrial wastewater, sludge granulation and carbon credits. Chinese Government Friendship Award.

Hu Jiong
Head of Industrial Technology

Designed an EV brushless-motor controller reproduced in 200M+ units. Led process design and commissioning of a large North American industrial processing plant. AI strategy advisor to a Southeast Asian national water utility.

Wang Xichao
Chief Algorithm Engineer

Former algorithm scientist at the Chinese Academy of Sciences and senior algorithm engineer in aviation. MSc Computer Science, University of Adelaide.

Dr. Lu Xing
R&D Director, Engineering

PhD Chemical Engineering, UCLA. Combines fine-chemical production, bio-manufacturing scale-up and factory digital architecture.

Wang Dan
Project Director

Former senior researcher, Nomura Research Institute. BSc/MSc Tokyo Institute of Technology. PMP, NPDP and PMI-ACP certified.

Hong Wei Der
Business Development

16+ years in enterprise IT strategy and product enablement. Connects technical R&D with sales operations and market expansion in Southeast Asia.

Log Ling Lee
Customer Success AI Engineer

BSc Financial Mathematics & Statistics, London School of Economics. BSc Mathematics, University of Hong Kong.

Certifications

- ISO 9001 Quality Management
- ISO 14001 Environmental Management
- ISO 45001 Occupational Health & Safety
- ISO/IEC 27001 Information Security
- Software product certification
- Zhejiang Provincial Science & Technology SME

20+ software copyrights and patents, granted and pending.

Recognition

- Jiaxing Port AI project highlighted by China's Ministry of Ecology and Environment as a model case for industrial-park water management (2024)
- Award winner, 2025 national “Data Elements ×” competition
- AI application demonstration project, G60 Science & Technology Innovation Corridor
- Certified high-quality industrial dataset, Jiaxing
- Nominee, Yangtze River Delta AI + Robotics Industry Alliance

07 · HOW WE WORK

Flexible ways to start

Our model combines three revenue streams. We build the data foundation and AI agents, invest through energy performance contracts where savings are clear, and earn recurring income from operation services. Partners can engage in whichever way fits.

AI & digital consulting

Forward-deployed engineers diagnose the site, map processes and design the roadmap before any system is built. We also support feasibility studies and grant applications.

Turnkey delivery

Platform, algorithms, integration and commissioning from one team, followed by long-term operations and maintenance.

Energy performance contracting

We invest in the upgrade and share the verified savings. The client needs no upfront capital.

OEM & white-label

Partners license our full product range under their own brand. We provide technology, upgrades, after-sales support and training.

Government & park co-development

We work with local governments and industrial parks to build demonstration sites for smart water, green energy and digital parks.

Joint ventures

For strategic regions we form a joint project company that combines our technology with the partner's local market access.

TYPICAL ENGAGEMENT PATH

Assess
Site survey, data audit, value case

›

Pilot
One line or one plant, measurable KPIs

›

Scale
Roll out across the group or park

›

Operate
O&M service, continuous model improvement

CYBERLINKS.AI | AETHERMIND.AI

AI is not here to replace manufacturing. It makes sure every standard is followed and every kilowatt-hour is put to good use.

LET'S TALK

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