



FOCUS ON IMPROVING
PROFESSIONAL SERVICES

YIMAN 艺迈®

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微信关注

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With the development of products, we reserve the right to alter the data. Please understand.

YIMAI DIRECT DRINKING WATER



COMPANY PROFILE

Shanghai Yimai Industrial Co., Ltd. is a high-tech enterprise integrating R&D, production, sales and service. Main products of the company: manufacturing of special machinery and equipment for water resources, intelligent water affairs integration series products, complete water supply integration series products, sewage discharge series products, kitchen (organic) waste treatment series products, direct drinking water, integrated water plants, motors and pumps, etc. The production base is located in Shanghai Jinshan Industrial Economic Development Zone

The company has excellent production and processing equipment, and has established a "Tongji Environment Yimai Joint Laboratory" in conjunction with the School of Environmental Science and Engineering of Tongji University to carry out a series of technical discussions and in-depth cooperation on technology transfer, achievement transformation, technology breakthrough, etc. At the same time, the college also cooperated with our company to establish "Tongji University - Shanghai Yimai Practical Education Base", and awarded our company the title of "Tongji University 'Excellence Program' University Enterprise Alliance Unit".

Yimai edited three group standards for on-site kitchen waste treatment equipment and participated in the compilation of a number of national standards, group standards and technical manuals. In 2020, it won the honor of "Small Giant in Jinshan District", was approved as the "Jinshan District Enterprise Technology Center", and became an important bearing demonstration for Jinshan District to launch the "Made in Shanghai" brand. In 2022, it won the honorary title of national "specialized, special and new" small giant enterprise.

COMPANY PROFILE

Yimai is committed to providing users with intelligent water system solutions, including scheme design, equipment manufacturing and professional technical consulting and maintenance services; The company has branches in all provinces and cities across the country, and has won a good reputation in the industry.

Yimai adheres to the business philosophy of "focus on improvement and professional service", implements the pragmatic work style and the values of integrity and responsibility, and provides you with high-quality products and high-quality solutions to achieve development and win-win results.





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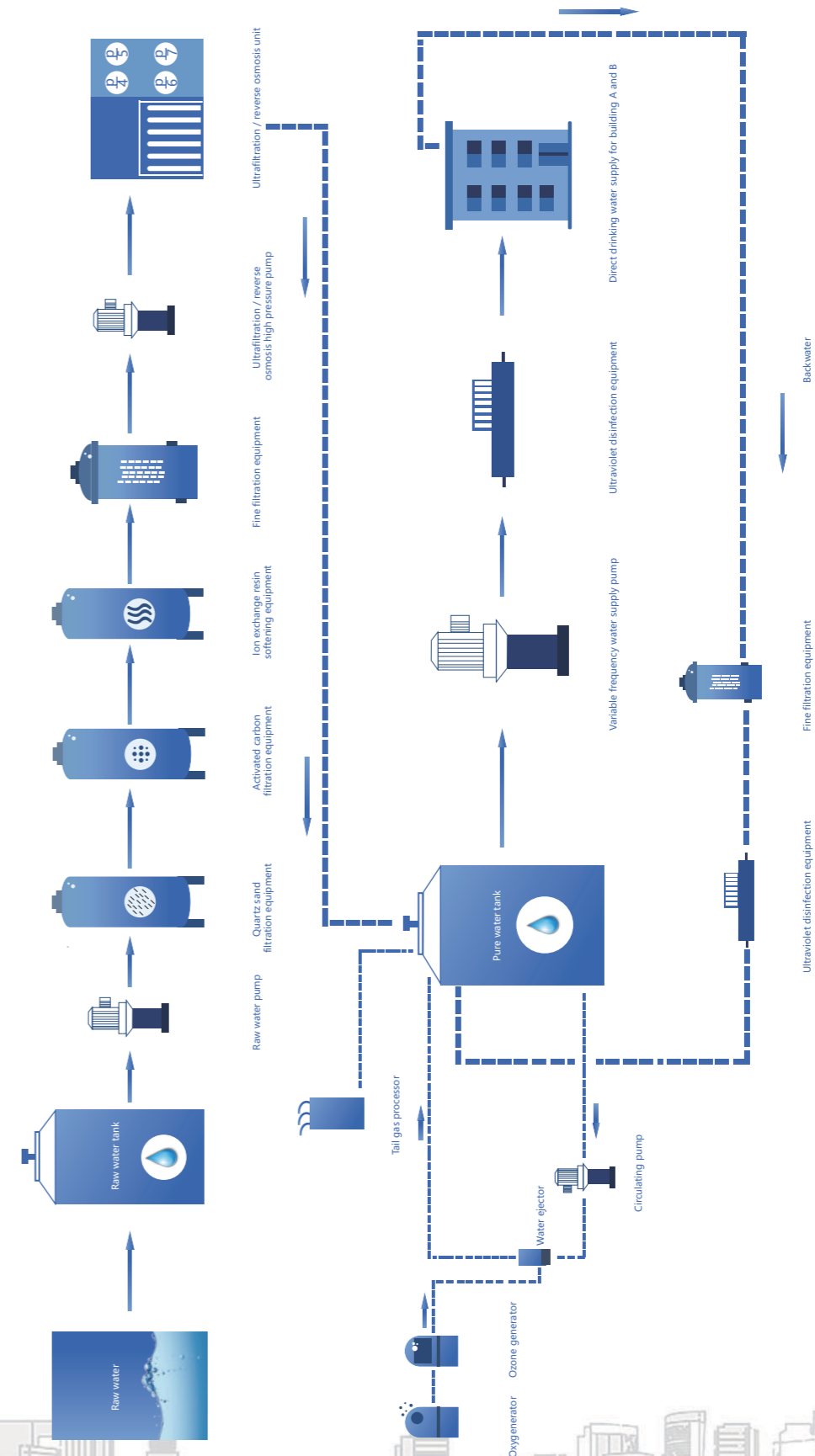
YIMAI DIRECT DRINKING WATER

Piped high-quality direct drinking water is supplied by means of water supply with different quality. Water purification stations are set up in residential quarters, hotels, office buildings, hospitals, etc. modern high-tech biochemical and physicochemical technologies are used to deeply purify tap water, remove organic matter, bacteria, viruses and other harmful substances in the water, and retain trace elements and minerals beneficial to human body; At the same time, high-quality pipes are used to set up an independent circulating pipe network to send purified high-quality water to users home (or guest room, office), for people to drink directly.



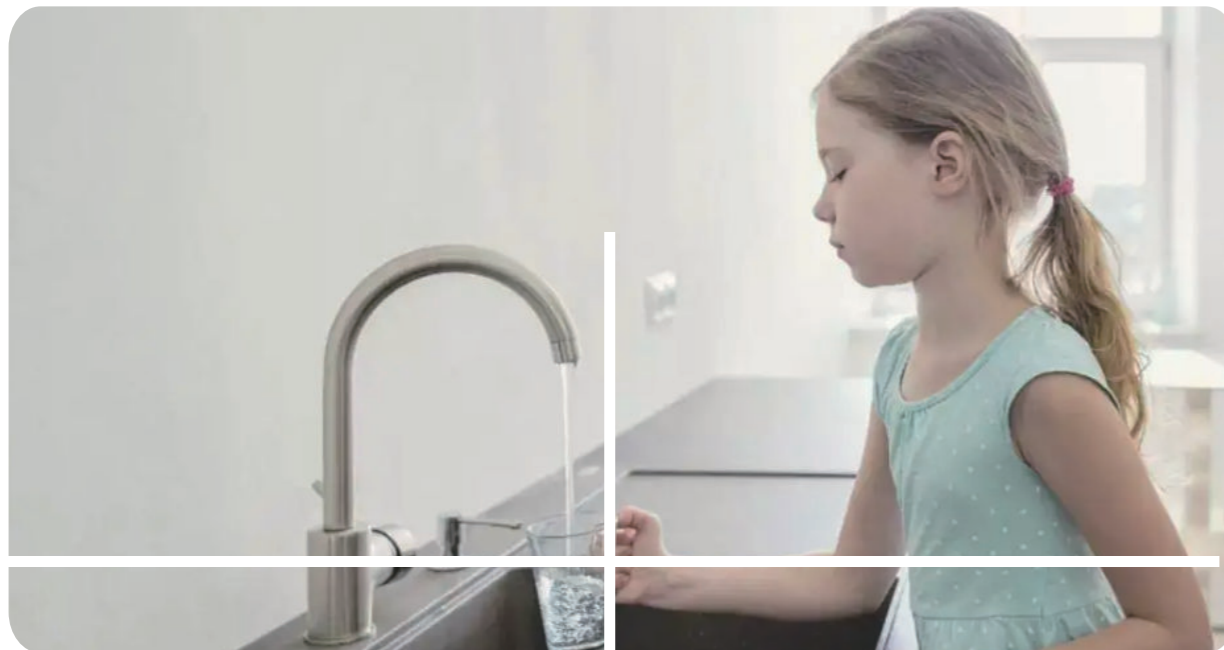
- HEALTHY
- SAFETY
- EASY
- INTELLIGENCE

TECHNOLOGICAL PROCESS



PROCESS DESCRIPTION

After the municipal tap water passes through the time-controlled full-automatic regenerated water filter designed by Yimai specialty, the food grade broad-spectrum filtering adsorption material is used to adsorb and filter the particulate matter and macromolecular organic micro pollutants in the water, and then the scaling substances such as calcium and magnesium that are easy to cause membrane pollution are removed through the full-automatic regenerated resin softener, and then they are transported into the reverse osmosis / ultrafiltration membrane group system through the high-pressure pump. All pollutants harmful to human health are removed, and high-quality direct drinking water is produced to enter the water supply tank. Through the intelligent variable frequency stabilized pressure water supply system and UV sterilization system developed by Yimai, it is transported to the user's residence, office and other places for direct drinking.



- **Mechanical Filtration:** It can remove large particle impurities, suspended solids, iron and manganese in water. Quartz sand and manganese sand are generally used as filter materials.
- **Activated carbon filtration:** Food grade coconut shell activated carbon is used to remove organic impurities such as odor, residual chlorine, suspended solids colloid, pesticides, endocrine disruptors, etc. in water through filtration and adsorption. Under specific conditions, silver loaded activated carbon can also be selected, which not only removes organics, but also plays a role in sterilization.
- **Softening:** Remove the calcium and magnesium plasma in the water, reduce the fouling of the membrane, prolong the service life of the membrane, and improve the effluent capacity of the membrane.
- **Precision filtration:** Also known as security filtration, it often adopts wire wound filter element or melt sprayed polypropylene fiber filter element, with a filter aperture of 5 μ m. It is often used to remove trace suspended solids or fine impurity particles.
- **Membrane separation technology:** Reverse osmosis (RO): the filtration accuracy is about 0.0001 microns, which can filter almost all impurities in the water, and can only allow water molecules to pass through. It can effectively remove all kinds of impurities and ultra-fine bacteria, and produce higher quality direct drinking water.
- **Water supply equipment:** Yimai water supply equipment can separate the water pump from the municipal pipe network during the peak water use period, truly protect the municipal pipe network and eliminate excessive water intake during the instantaneous peak time can maximize the use of municipal water inflow, while not affecting the municipal pipe network, so as to achieve the real sense of water free shutdown.

TECHNOLOGICAL FEATURES

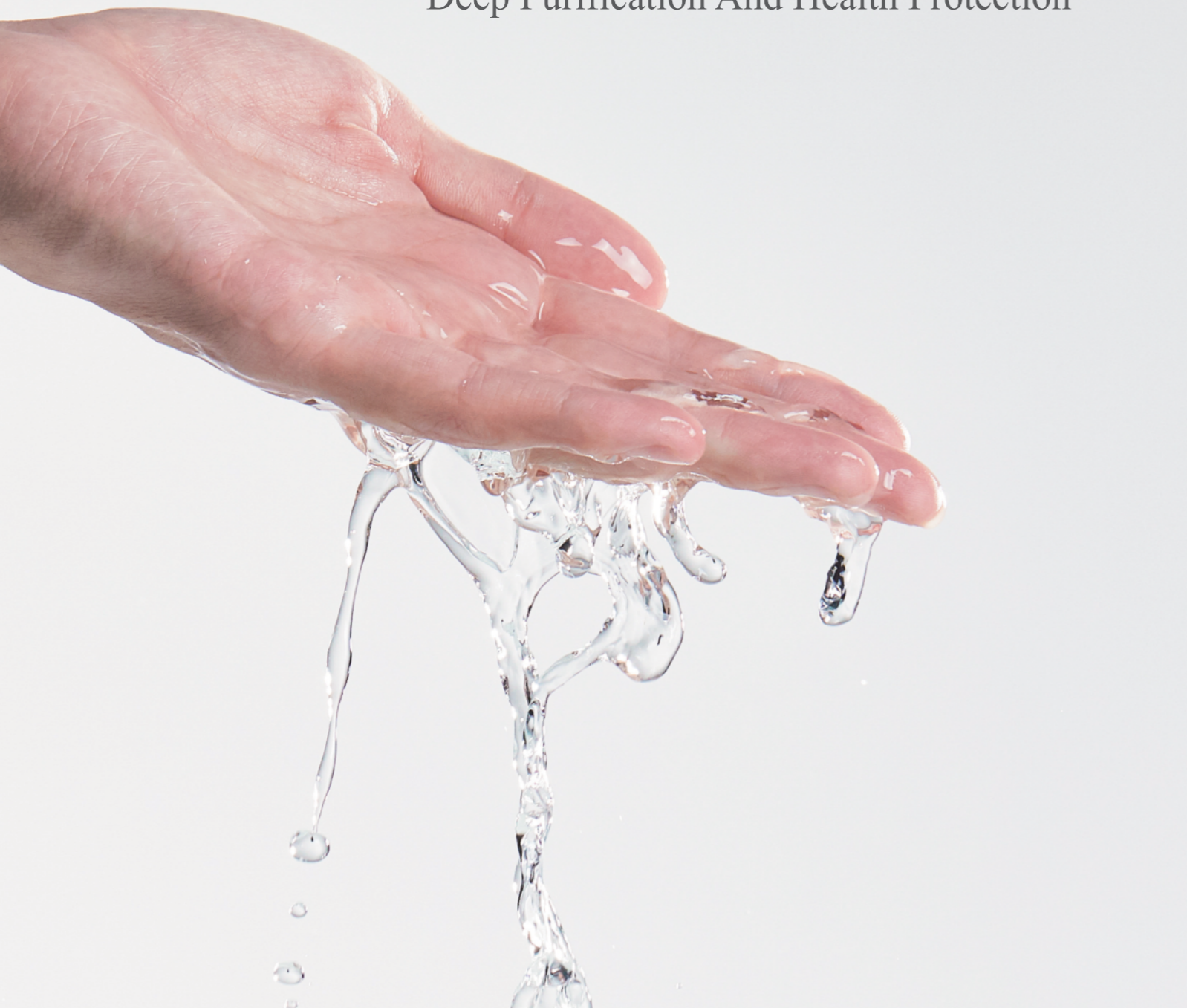
Yimai direct drinking water uses the national patented whole process direct drinking water production technology to purify municipal tap water through multi-media filtration, broad-spectrum adsorption, ultrafiltration or RO membrane reverse osmosis components, UV disinfection, ozone circulation disinfection and other multi-process purification treatment, effectively removing organic matter, heavy metals, bacteria, viruses and other harmful substances in the water, and checking at all levels to ensure that users drink safe, healthy, clean, fresh and pure high-quality direct drinking water.

- » The whole system adopts 304 food grade stainless steel to prevent secondary pollution;
- » Direct drinking water supply pipe network 2-4 hours for a cycle of reflux, water inlet and outlet respectively set uV-LED UV sterilization device, 24 hours of automatic circulation, sterilization efficiency can reach 99.99%, eliminate pipe network microbes and bacteria breeding;
- » Multi-media filter system and carbon filter system adopt automatic multi-way control valve to realize automatic operation and backwash;
- » The multi-media filtration system and activated carbon filtration system adopt fully automatic multi-channel control valves to realize automatic operation and backwashing. The backwashing is set at 2:00 a.m. and the backwashing is not interrupted;
- » It adopts food grade ion exchange resin, which is safe and reliable, and realizes automatic regeneration without manual management;
- » The low-pressure reverse osmosis membrane is adopted, with a desalination rate of more than 99.5%, filtering and intercepting most of the pollutants, including all kinds of organic micro pollutants, heavy metals, pesticides, etc., to absolutely ensure the safety and health of direct drinking water;

- » It is hygienic, safe, convenient and can be opened and used at any time; 24-hour automatic circulating water supply, fresh water quality, good taste;
- » The water supply machine room is made of stainless steel, with compact structure and beautiful appearance. The control area is separated from the treatment and operation area to ensure the safety of operation
- » The whole system pressure, flow, water quality data monitoring, automatic operation, intelligent identification, alarm, operation and maintenance ensure the safety of the system and improve the service life of the direct drinking water system;
- » The direct drinking water system realizes remote data transmission, real-time uploading of water quality data and real-time monitoring of operation status. The mobile app realizes overview, environmental monitoring, unit monitoring, remote control, maintenance tasks, etc. You can directly view the operation data and alarm information between each device on the mobile terminal.



Deep Purification And Health Protection



SPECIFICATION AND MODEL

S/N	SCALE OF WATER SUPPLY	TYPE	EQUIPMENT BOX SIZE
1	1m ³ /h	YZYS-1	2300*3700*2200
2	3m ³ /h	YZYS-3	2300*3700*2200
3	5m ³ /h	YZYS-5	2300*3700*2200
4	10m ³ /h	YZYS-10	2300*3700*2200
5	15m ³ /h	YZYS-15	2300*3700*2200
6	18m ³ /h	YZYS-18	2500*4000*2200
7	20m ³ /h	YZYS-20	2500*4000*2200



AI INTELLIGENT DIRECT DRINKING WATER



SAFETY PROTECTION SYSTEM



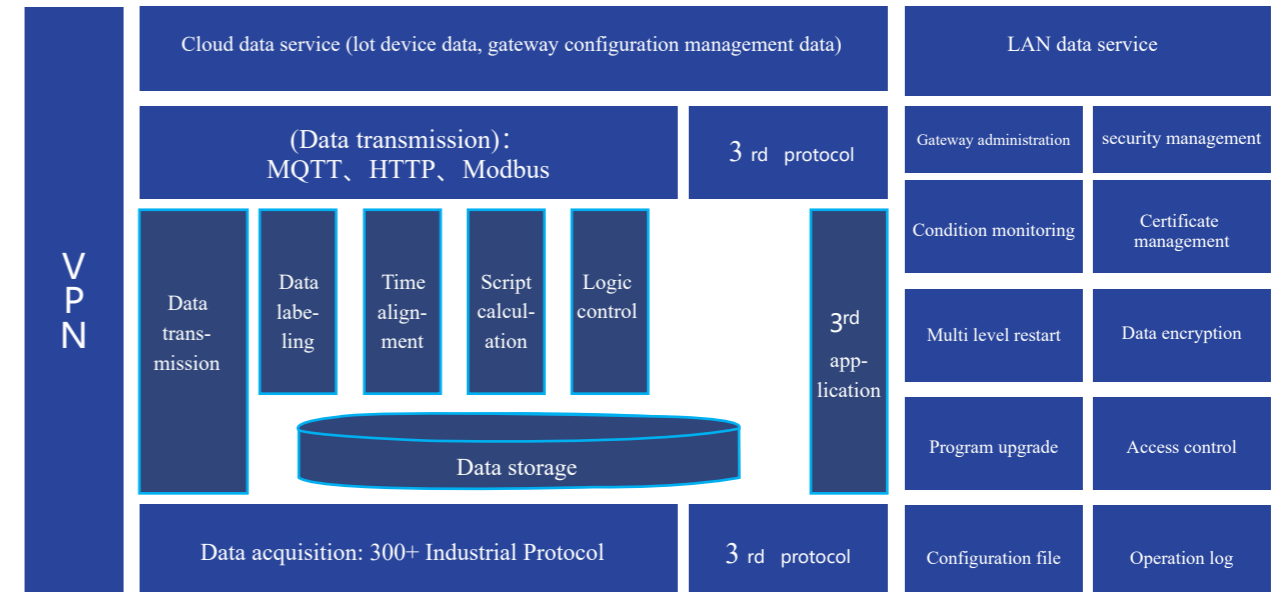
DATA ACQUISITION AND TRANSMISSION SYSTEM



ENVIRONMENTAL PERCEPTION REGULATION SYSTEM

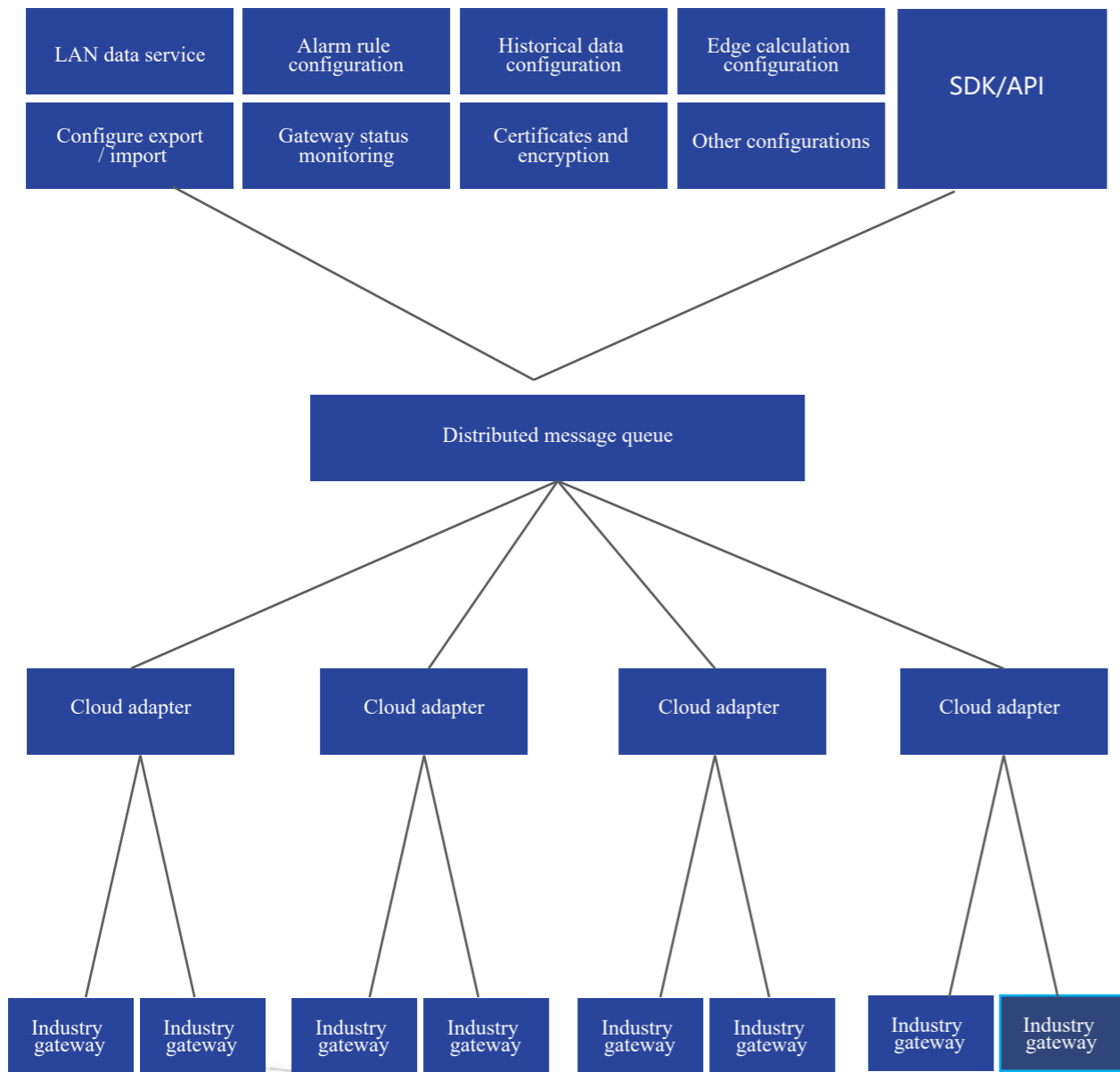


MANAGEMENT AND MAINTENANCE SYSTEM



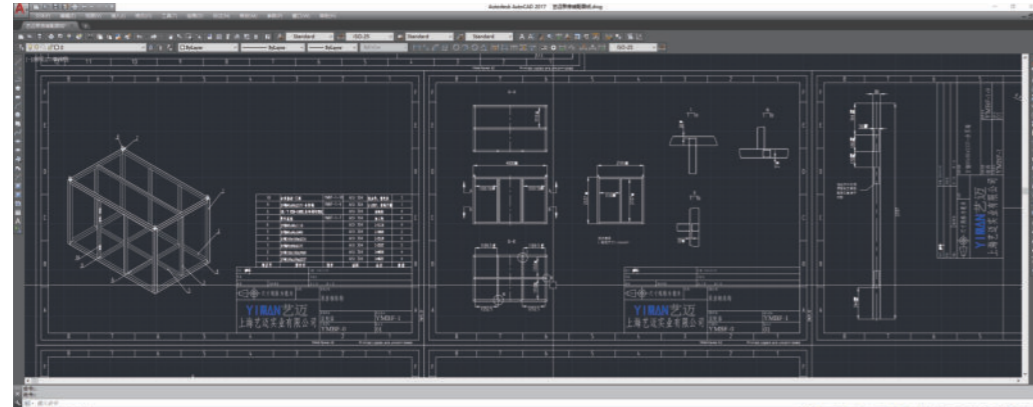
Yimai AI intelligent direct drinking water integrates more than 1000 environmental protection projects based on the optimal configuration and construction of various environmental protection facilities and equipment Experience, combined with current Internet of things technology. (13 systems, built around one central goal -- AI intelligent direct drinking water, and refined 4 construction systems) Yimai AI intelligent direct drinking water effectively integrates advanced technologies such as user perception, intelligent identification, human-computer interaction, AI water supply, intelligent operation and maintenance, The service life of the direct drinking water equipment is improved, the risk of water pollution is avoided, the energy conservation and environmental protection of the equipment are realized, and the convenience of water use for residents is ensured And safety.

AI INTELLIGENT DIRECT DRINKING WATER—Mobile APP



TECHNOLOGY RESEARCH AND DEVELOPMENT

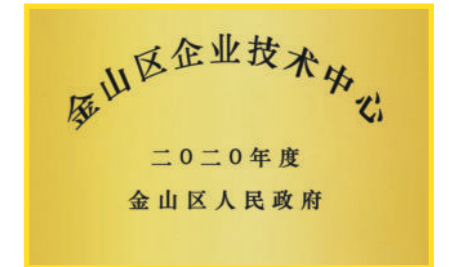
- Dozens of professional design and R & D teams of direct drinking water products, specializing in water treatment technology, mechanical design, fluid analysis, automatic control, electronic technology, product design, etc.



- Establish "Yimai Tongji Joint Laboratory" with Tongji University to focus on the development of water treatment technology and provide safer and healthier direct drinking water technology and solutions.



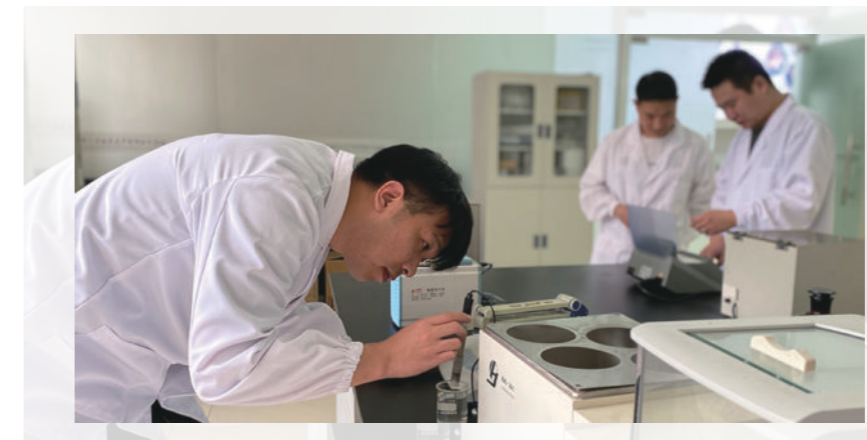
- It was approved as "Jinshan enterprise technology center", reflecting the team's R & D and innovation ability.



- Establish a direct drinking water analysis, commissioning and testing center, and the commissioning and testing of each equipment is completely qualified and put into the market.

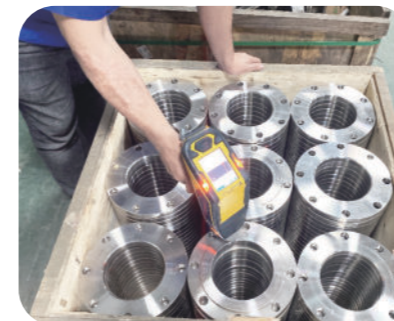
- It has sophisticated machinery manufacturing equipment to provide reliable guarantee for product R & D and engineering prototype manufacturing.

- Under the guidance of the requirements of direct drinking water sanitation approval documents and the technical regulations for direct drinking water through pipelines, the safety and quality of direct drinking water are comprehensively guaranteed and improved.



PRODUCTION PROCESS

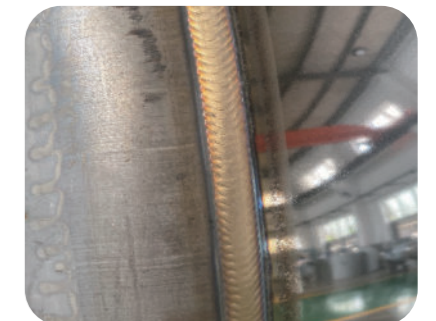
Our company has maintained a high degree of input and attention to equipment and technology in the production practice for many years, truly interpreting the industrial enterprises in the Age of Internet information Adhering to the "craftsman spirit". With the best technology for customers to produce high-performance products, with rigorous and even demanding standards to do our production Products and services.



Raw material testing



Precision laser cutting technology



Fully automatic precision welding technology



Creative introduction of cold drawing process



Standardized parts



Creative introduction of cold drawing process

Our factory and office are set up spare parts warehouse, to ensure timely and reliable after-sales service, all the parts are standardized production, to achieve common and interchangeable, to provide users with the most convenient service experience.

SOME PROJECT CASES



Anhui Fuyang Hengda Linxi
Direct drinking water supply system project

- Jiangsu Nantong rongyuehuating direct drinking water supply system project

- Hebei Baoding Qingyuan wenzeyuan community direct drinking water supply system project

- Anhui Hefei Jinhui Yuefu District B direct drinking water supply system project

- Anhui Hefei Jinhui Yuefu District B direct drinking water supply system project

- Shanxi Liulin residential direct drinking water supply system project

- Shanxi Liulin residential direct drinking water supply system project

- Shandong Haiyun • azure water bank direct drinking water supply system project

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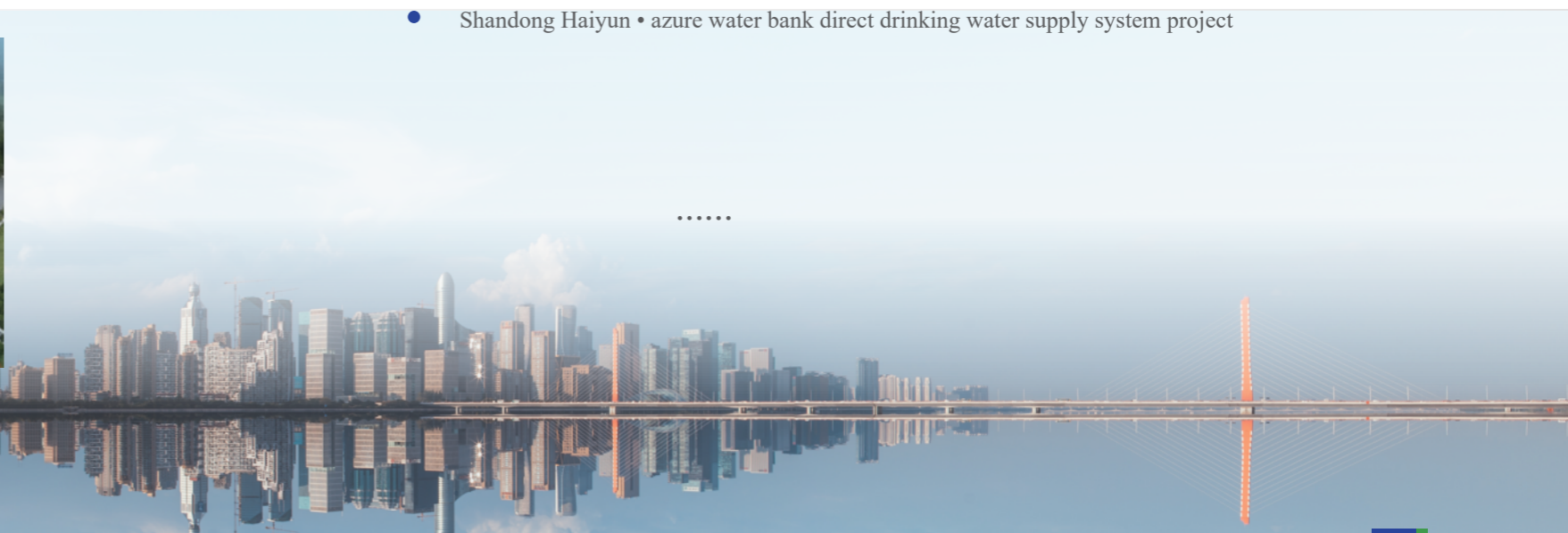
The 155th Central Hospital of the people's Liberation
Army in Zhengzhou, Henan Province
Direct drinking water supply system project



Hunan Changsha business college
Direct drinking water supply system project



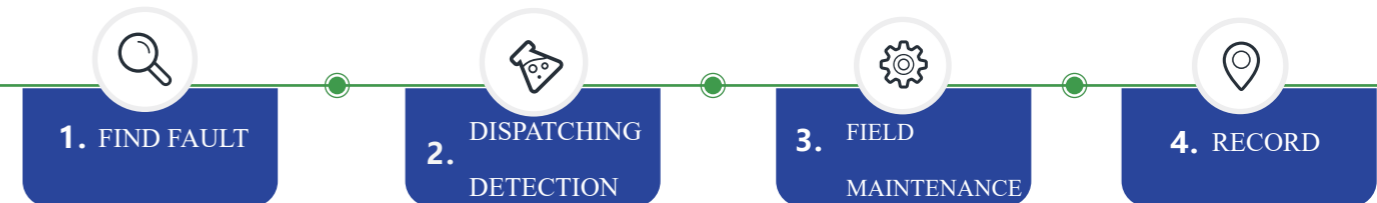
Jiangsu Sheyang Wuzhou square
Direct drinking water supply system project



YIMAI SERVICE

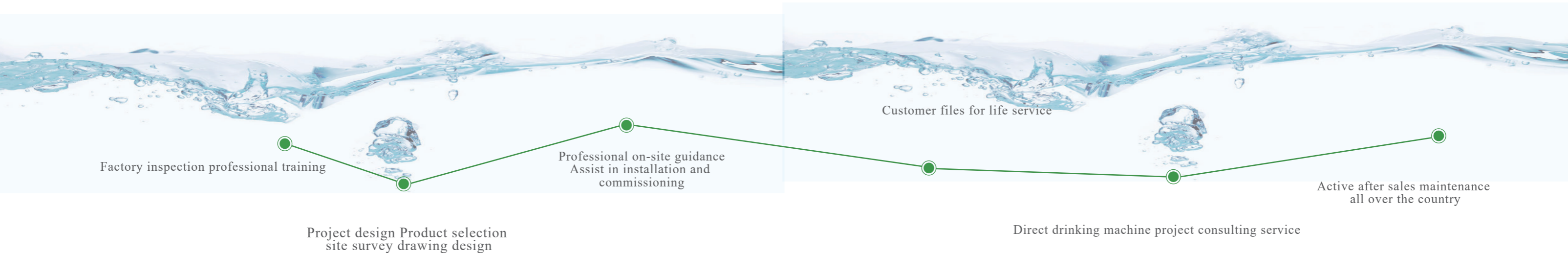


MULTIVARIATE-SALES-RADIATION ACROSS THE COUNTRY



Yimai, committed to providing a full lifecycle service for our customers. From the moment we first meet, our service begins quietly yet effectively. In every interaction with you, our service is always present, ensuring your needs are met at every stage.

YIMAI FOCUSES ON PROVIDING CUSTOMERS WITH A FULL LIFE CYCLE SERVICE. THE MOMENT WE FIRST MEET YOU, OUR SERVICE HAS QUIETLY ARRIVED, AND EVERY MOMENT OF COMMUNICATION WITH YOU, OUR SERVICE IS EVERYWHERE.



PRODUCT LIFECYCLE MANAGEMENT

