Shanghai Zenitek Intelligent Technology Co., Ltd. was founded in 1994 and is one of the earliest companies in China engaged in the R&D and manufacturing of power automation products. The company focuses on the R&D and production of hardware and software for power system automation, power quality management & energy saving, and power engineering services. Its business covers intelligent terminal equipment for power systems, automation systems for power plants and substations, urban distribution network automation systems, on-line monitoring of power transmission and transformation equipment, power transmission and transformation relay protection equipment, electric energy metering and billing systems, and power quality monitoring and management.

From 1997, the company has established a solid market presence in power transmission, transformation, distribution, nuclear power, and industrial markets.

The company has been repeatedly awarded as a **National High-Tech Enterprise** and a **Key Software Enterprise**. It has obtained the following three ISO management system certifications:

- GB/T19001-2016 idt ISO9001:2015 Quality Management System Certificate
- GB/T24001-2016 idt ISO14001:2015 Environmental Management System Certificate
- GB/T45001-2020 idt ISO45001:2018 Occupational Health and Safety Management System Certificate

In response to the national call for green energy and green production, the company has also obtained the **ISO50001:2018 Energy Management System Certificate** and Green Power Certificate trading credentials.

After more than 30 years of development, the company owns a number of products with independent intellectual property rights, with more than 50 patents and over 60 software copyrights. It has won the Shanghai Key New Product Award and Science and Technology Progress Award. Its products are widely used in power, nuclear power, rail transit, large-scale infrastructure, petrochemical, chemical, cement, tobacco and other industries, with an annual sales volume of nearly **200 million yuan**.

Major Project Achievements

- The company has completed integrated automation systems for more than **150 substations of 35kV and above** under State Grid and dozens of substations under China Southern Power Grid.
- In the nuclear power market, it has won bids and signed contracts for microcomputer relay protection for **14 generating units** at projects including CNNC Zhejiang Sanmen Nuclear Power, SPIC Shandong Haiyang Nuclear Power, and SPIC Guangdong Lianjiang Nuclear Power, with a market share of approximately 12%.
- In the UHV gateway electric energy metering system market, it has delivered more than 10 500kV substations in East China, including the Baihetan ±800kV DC Transmission Project, Zhejiang- Anhui DC Transmission Project, and Zhejiang Changlongshan Pumped Storage Power Plant.
- In municipal projects, it has completed substation automation systems for 110kV substations of Rail Transit Lines 1 to 18, Shanghai Tower 110kV Substation, and Shanghai Mobile Lingang International Data Center.
- In the industrial and chemical market, it has completed multiple substation automation and microcomputer relay protection projects for INVISTA Nylon Chemical, Chenming Paper, Quzhou Juhua and other enterprises.

Corporate Purpose

To provide users with safe, intelligent, energy-saving and green power engineering and energy service solutions.

The company consistently aligns its professional products with market demand, and continuously strengthens R&D and technical iteration of products and software for the power automation market to keep pace with industry demand and technological upgrading.

Core Product & Solution Portfolio

- Integrated automation systems for substations / power plants
- On-line monitoring of power transmission and transformation equipment
- Urban distribution network automation systems
- Relay protection devices and supporting measurement & control devices
- AC/DC power supply systems
- Dynamic reactive power compensation devices
- Low-voltage active power filters (APF)
- Intelligent three-phase unbalance management devices
- Voltage management devices
- Electric energy metering and billing systems
- Distributed photovoltaic power stations
- Energy consumption management systems for buildings and industrial enterprises
- Energy management cloud platform

Four Core Strategies of Specialization, Refinement, Differentiation and Innovation

1. Professional Technical Service Team

With professional teams in relay protection and integrated automation, the company has participated in national demonstration projects and received high recognition. The independently developed **ZD-1000 Substation Integrated Automation System** won the **Second Prize of Shanghai Science and Technology Progress Award in 2001** and was recognized as a High-Tech Achievement Transformation Project by Shanghai High-Tech Achievement Transformation Center. To date, the company has accumulated reliable experience in integrated automation and relay protection for more than 150 State Grid substations (220kV, 110kV, 35kV) and dozens of 35kV China Southern Power Grid substations.

2. Refined Management System

Adhering to the philosophy that **"Talents are the greatest wealth of an enterprise"**, the company has recruited and cultivated a highly educated, efficient, high-quality and young workforce. Zenitek Intelligent and its wholly-owned subsidiary Deyuan Power employ a total of **130 employees**, more than 70% of whom hold university degrees or above, with a high proportion of senior technical professionals.

The company has a clear internal functional division and has established an effective management system in strict accordance with quality certification standards and actual operation. All products and services are strictly controlled to ensure quality and efficiency. For projects, all departments coordinate closely; project managers take overall responsibility to ensure orderly execution. The company continuously improves service efficiency and responsiveness to solve customer issues quickly and effectively, ensuring safe and stable power operation.

3. Customized Products Tailored to User Needs

The company develops and improves products to meet user requirements for different scenarios

and regions. It owns a series of distribution automation products with independent intellectual property rights, which have won Shanghai Key New Product Award and Shanghai Science and Technology Progress Award. Zenitek Intelligent is among the first batch of Shanghai Little Giant Cultivation Enterprises, a National High-Tech Enterprise, and a Shanghai Key Software Enterprise.

To meet special user demands, the company has cooperated extensively with world-renowned enterprises including ABB, GE, SEL, Schneider Electric and Eaton. By introducing advanced foreign technologies and combining them with China's practical conditions, it continuously develops proprietary hardware and software products that meet the needs of Chinese power users.

4. Innovative Distributed New Energy Investment and Management System

Responding to the national call for new energy development, the company has invested in multiple distributed photovoltaic power stations in East China. All projects are connected to the **PV Cloud Platform** independently developed by the company. Service personnel can manage the operation of all PV stations in one stop on the backend, monitoring power generation status and maintenance information in real time. Users can also log in via mobile phones to view station operation, submit fault reports and perform other operations.