

Wasion Company Profile

Striving to Be A Global Expert in
Energy Metering and Energy Efficiency Management

en.wasion.com



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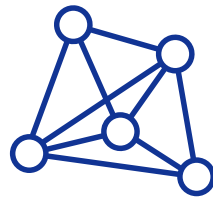
About Us

- Who We Are
- Story of Wasion
- Business Orientation
- Global Presence

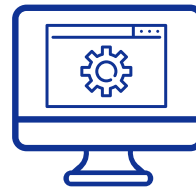
Wasion Holdings Limited (HK3393) is a leading Chinese IoT solution and operation service provider in **Smart Energy Metering, Intelligent Power Distribution and Energy Efficiency Management, and Smart Utilities**. The company's portfolio covers various energy metering products, including electricity, water, gas, heat meters, smart energy, innovative energy storage devices, and system solutions.



Electricity/Water/Gas
Meters



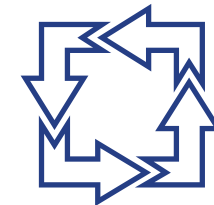
Communication
Products



System
Software



Renewable
Energy



End to End
Solutions

Wasion International, as an **Overseas Trade and Marketing Platform** company, relies on the efficient comprehensive energy solutions of Wasion Holdings Limited, serving the global energy supply industries.

Who We Are?



Willfar Information

An IoT Solution Provider Focusing on the Digital Grid and Smart Cities



Wasion Group

A Leading Domestic and International Expert in Smart Meters

Wasion International

An Overseas Trade and Marketing Platform Company

Wasion Energy

An Expert focusing on the Transformation of Clean, Digital and Smart Energy

20 +

Years of History

5 Factories
Worldwide

6000 +

Employees
Worldwide

2 Listed
Companies

5000 +

Large
Corporate Clients

4 Business
Segments

3000 +

Patents & Software
Copyrights

60 +

Regional Offices

1 2000

Wasion Group
was founded



3 2009

Wasion Science and
Technology Park opened



5 2015

Wasion Energy Industrial
Park opened



2 2005

Wasion was listed on the
Main Board of the Hong
Kong Stock Exchange



4 2012

Established a joint venture
with Siemens



6 2020

Willfar Information was
listed on the Science and
Technology Innovation
Board



Our products and services are widely used in Energy Data Collection and Smart Cities



Electricity



Water



Gas



Heat



Municipalities
(Fire Fighting, Street Lights)



Residential
Users



Public
Utilities



Enterprise
Users

Key Markets: Asia, EMEA(Europe, Middle East, Africa), America

Asia

Indonesia, Bangladesh, Pakistan,
Vietnam, Philippines, etc.

EMEA

Austria, Germany, Egypt, Saudi Arabia,
Tanzanian, Nigeria, Cote d'Ivoire, etc.

America

United States, Mexico, Brazil, Argentina,
Colombia, Ecuador, Chile, etc.

Cooperation Channels

SIEMENS




iskraemeco
BY ELSEWEDY ELECTRIC

Itron


Trilliant

Tencent 腾讯

Business in Key Markets

-  Wasion Group
(Smart meter & electric energy metering)
-  Willfar Information
(Smart Grid & Smart City)
-  Wasion Electric
(Energy storage & intelligent power distribution)

Manufacturing Facilities

-  China, Mexico, Brazil, Tanzania, Hungary

Country & Regional Offices

	Mainland China		Indonesia		Hungary
	Hongkong China		Egypt		Austria
	Macau China		Tanzania		South Africa
	Mexico		Bangladesh		
	Brazil		Nigeria		
	Ecuador		Saudi Arabia		





Technology & Capability

- R&D and Technological Innovation
- Certificates
- Manufacturing Facilities
- Manufacturing Capability
- Quality Management

Wasion possesses a strong R&D team in energy metering and energy efficiency management technologies, comprising over **1,200** R&D personnel, including several members actively participating in national and industry standards committees. Wasion invests over **7%** of its annual revenue into R&D and technological innovation to ensure leading-edge technologies and products. As of the end of 2022, Wasion holds **3,765** valid intellectual property rights, including **242** domestic invention patents, **1,628** software copyrights.



1,200 +

Research & Development
Personnel



7% +

of its Annual Revenue
into R&D



3,765

Valid Intellectual
Property Rights



242

Domestic Invention
Patents



1,628

Software Copyrights

- Developed the first three-phase multifunctional energy meter in China with completely independent intellectual property rights.
- Developed the first 0.2S class high-precision gateway energy meter in China with completely independent intellectual property rights.
- Wasion holds a top global market share in electric metering, with our three-phase multifunctional energy meter ranking first in the worldwide market in 2019. The independently developed three-phase energy meter has been recognized as the champion in its category within the manufacturing industry.

Certificates



Manufacturing Facilities



Wasion Science and Technology Park
Changsha, China



Wasion Energy Industrial Park
Xiangtan, China



Wasion S de RL de CV
Guanajuato, Mexico



Wasion Amazonia
Manaus, Brazil



Wasion Group (Tanzania) Limited
Mkuranga District, Tanzania

As one of the advanced R&D and manufacturing bases for Energy Metering & Energy Efficiency Management products in China, our automated production line has **increased the per capita efficiency by more than 60%** compared with the traditional production method, **shortened the product production cycle by 50%**, reduced the production operation cost by more than **20%**, and increased the quality sampling qualification rate to **99.7%**.



The production capacity of **single-phase smart energy meters** reaches **29 million units per year**; the production capacity of **three-phase smart energy meters** reaches **6 million units per year**.



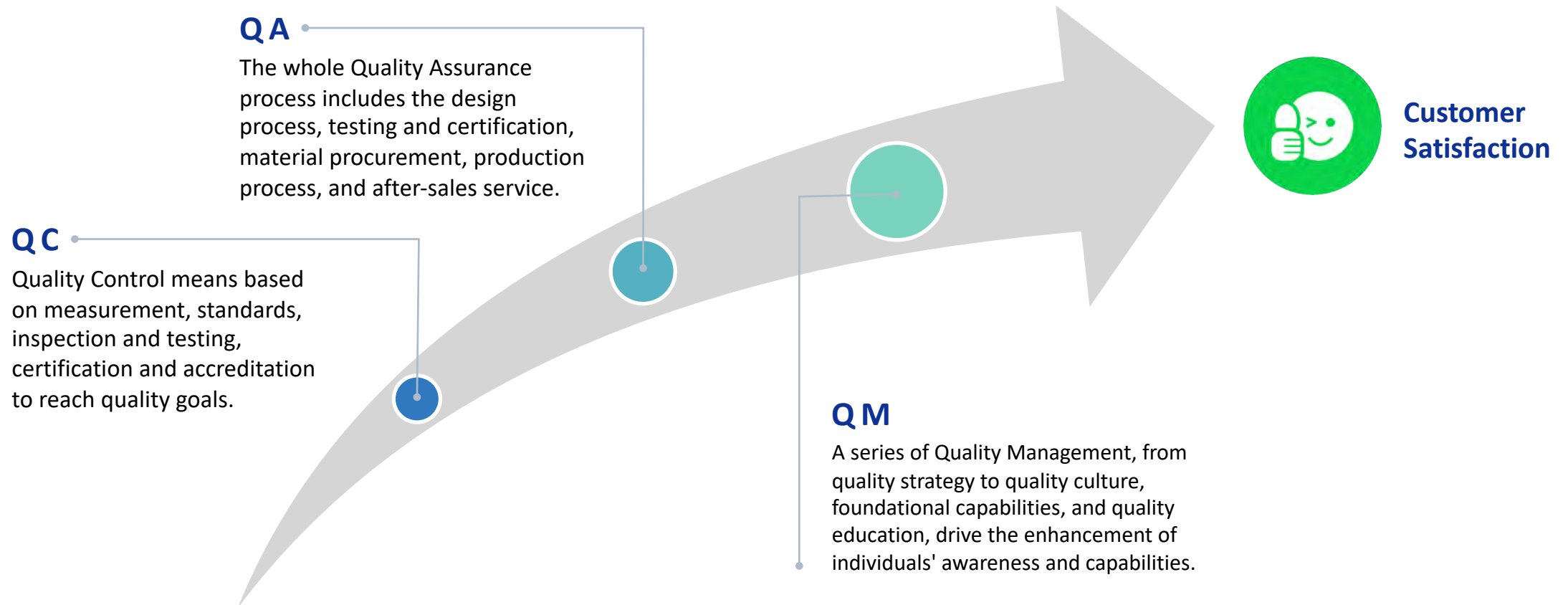
The Energy Storage Facility boasts an annual production capacity of **5GWh**.

The facility has invested **USD 45 million** in state-of-the-art equipment to support its operations which includes:

- Battery-integrated Production Line
- 1500V Battery Test System
- BMS Test System
- Withstand Voltage Test System
- Welding Workpiece Grinder
- Welding Reliability Tensile Testing System
- Welding Metallographic System
- Laser Welding Robot.

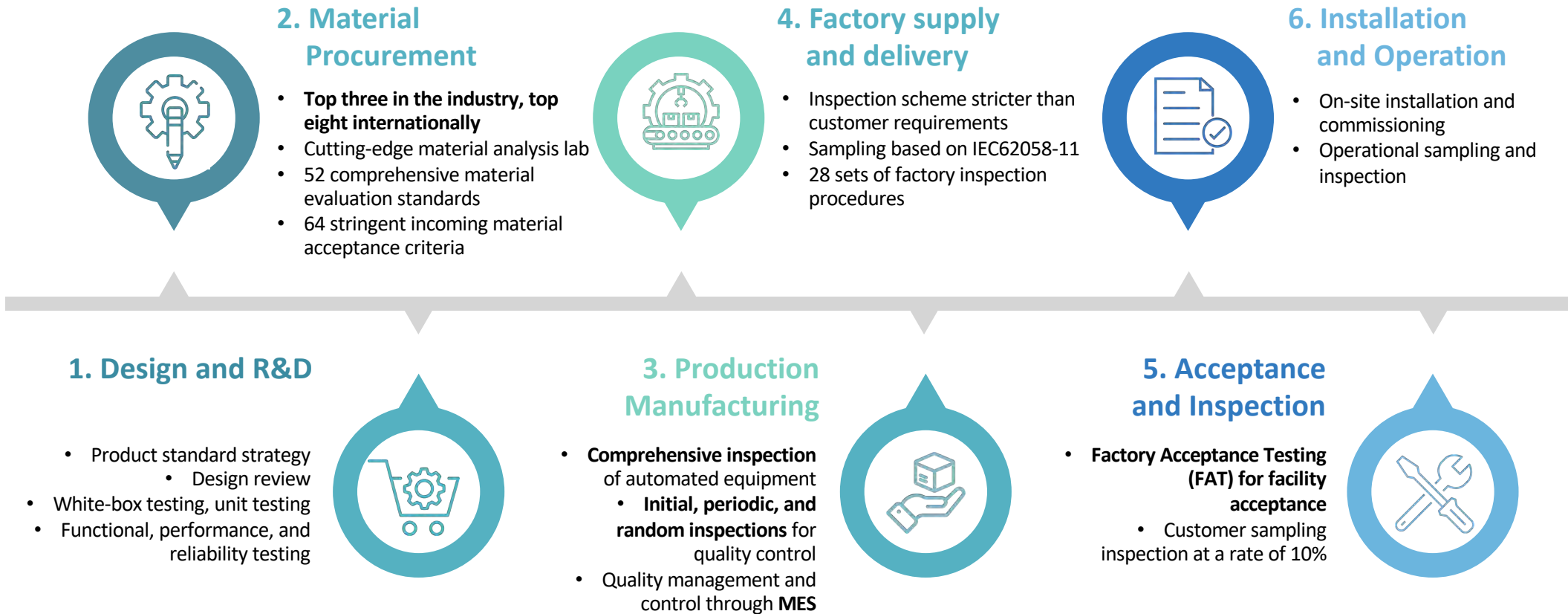


With the support of information management platforms and **Quality Control(QC)** as the basis, we have established **Quality Assurance(QA)** processes from R&D and manufacturing to after-sales and practiced **Quality Management(QM)** activities to create a **Comprehensive Quality Management System**.



Six information management platforms (PLM, ERP, MES, SRM, CRM, OA) ensure Quality Management System is working well.

The complete Inspection and **Testing Management System** process with “Whole Product Life Cycle” as the core.





Our Products

- Electricity Meters
- Communications Products
- System Software
- Water/Gas Meters
- Renewable Energy
- Intelligent Power Distribution

Electricity Meters

A complete range of electricity meters with **comprehensive functions** and **outstanding features**, simplifying and automating energy metering and management systems.

Follow the link to learn more:

<https://en.wasion.com/proEle.html>





Communications Products

Supplying a wide range of telecommunication devices to built-up **end-to-end communication networks** optimized for cost, performance and reliability.

Follow the link to learn more:

<https://en.wasion.com/proTele.html>

System Software

Offering **Interoperable system software** to run on-premises and on the public and private cloud. Scalable from small-scale to national-level networks with ease of managing the whole network.

Follow the link to learn more:

<https://en.wasion.com/proSoft.html>





Renewable Energy

All-scenario renewable **energy storage application** products and complete life cycle **new energy services** enable green energy to be better used.

Follow the link to learn more:

<https://en.wasion.com/proNewe.html>

Water/Gas Meters

Based on accurate Water and Gas usage measurement, we **provide customized solutions** that deliver **long-term benefits** to End-customers, Utilities and our sustainable future.

Follow the link to learn more:

<https://en.wasion.com/proWate.html>





Intelligent Power Distribution

The **key components** and **complete sets of equipment** for the primary and secondary integration of the distribution network make the power grid more intelligent and stronger.

Follow the link to learn more:

<https://en.wasion.com/proInt.html>

A circular graphic on the left side of the slide showing a futuristic cityscape at night. The city is illuminated with blue and white lights, and there are glowing blue arcs and dots representing a digital network or data flow over the city buildings.

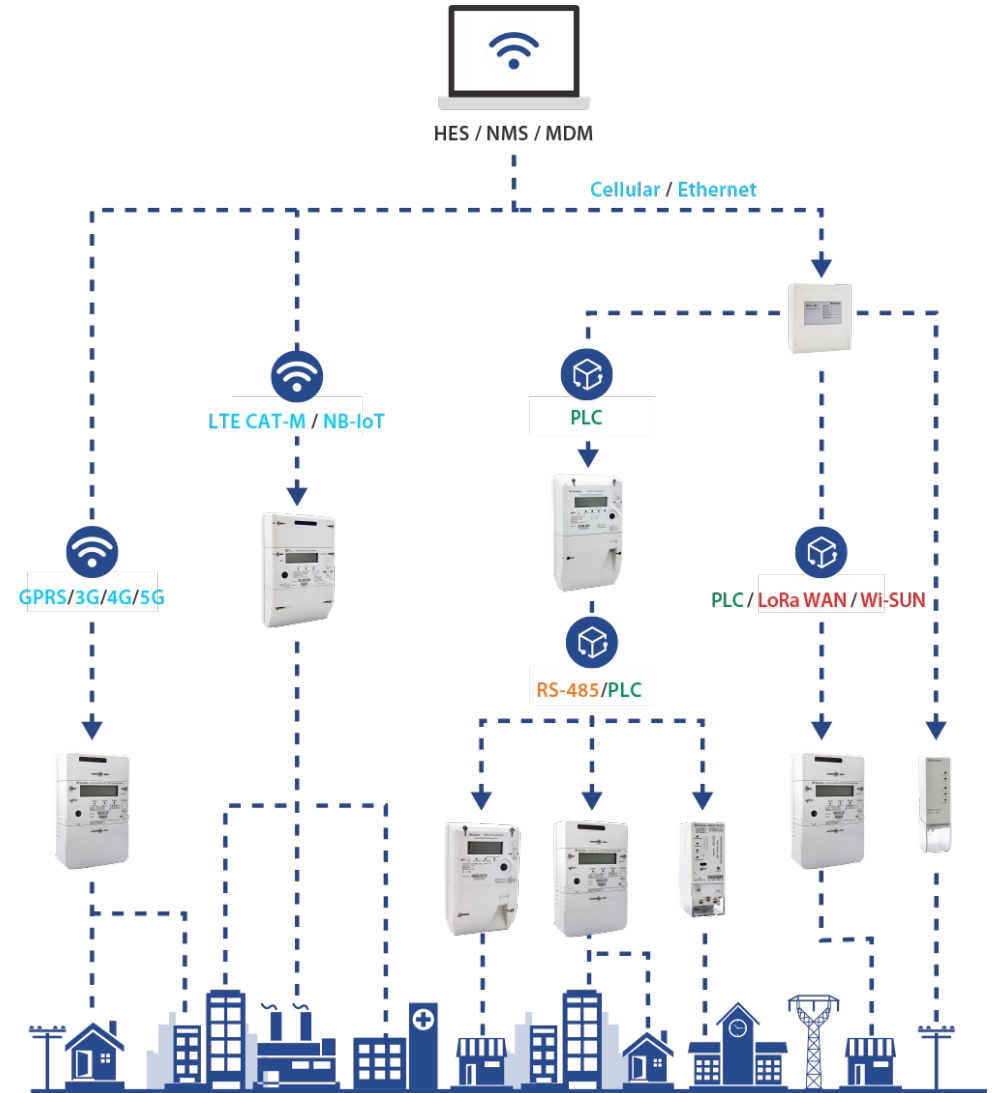
Our Solutions

- AMI Solutions
- Smart Water Metering Solutions
- Digital Grid Solutions
- Comprehensive System Solutions
for Smart Grid
- Smart Low-Voltage Distribution
Network Solutions
- Energy Storage Multi-Scenario
Applications

Wasion AMI solution is a complete power network processing system designed for the measurement, data collection, storage, analysis, and utilization of user energy information. It comprises **smart meters**, **application systems** located in data centers, and connected **communication networks**.

Key Features & Benefits:

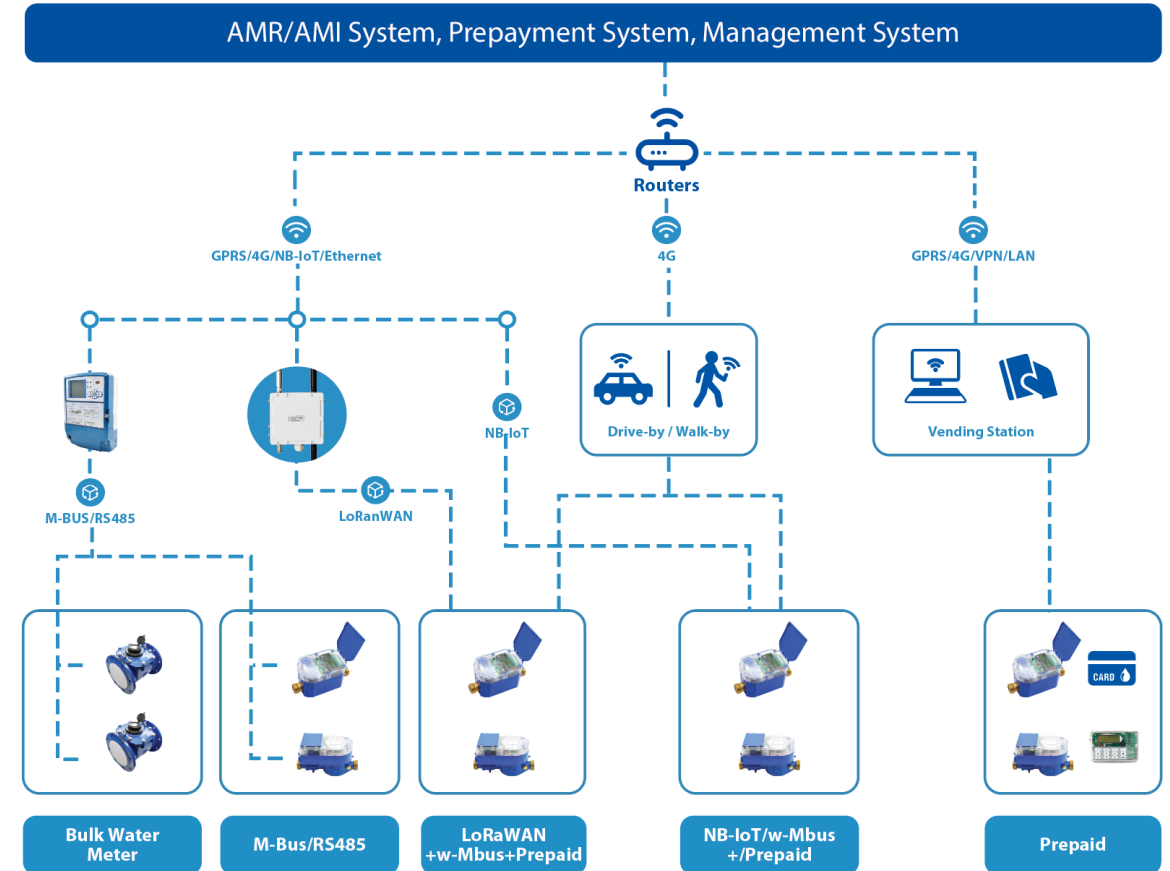
- More accurate meter reading and improved billing accuracy
- Integrate water, gas, and electricity meters into one intelligent, bi-directional smart network
- Support for multiple applications
- Low cost of management and maintenance
- Remote support and help desk for 7 days*24 hours
- Proven Reliability & Security



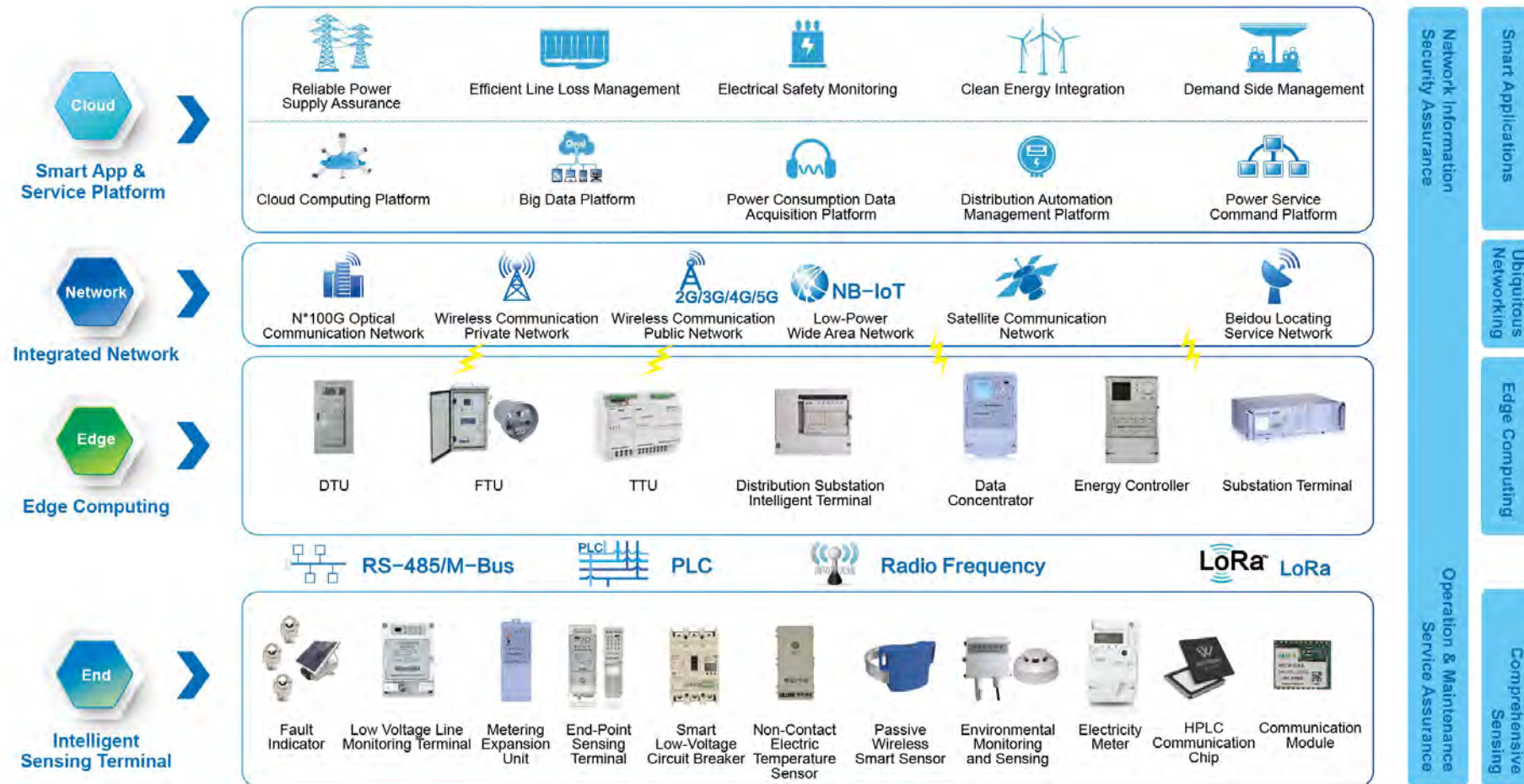
Our **Smart Water Metering Solutions** have been proven in practice. By deploying the solution, utilities have much greater visibility and control of their assets and business, allowing them to deliver a **better, more efficient service**.

Key Features & Benefits:

- Suitable for diverse water metering and management situations
- Meets water consumption habits in different countries with prepaid/postpaid options
- Offers various meter reading interfaces, solving reading problems in different environments, and increasing economic benefits through analysis, management, and monitoring functions
- Internationalized functional system design enhances user experience in water consumption
- Includes leakage analysis and utilizes Big Data applications for improved water use services



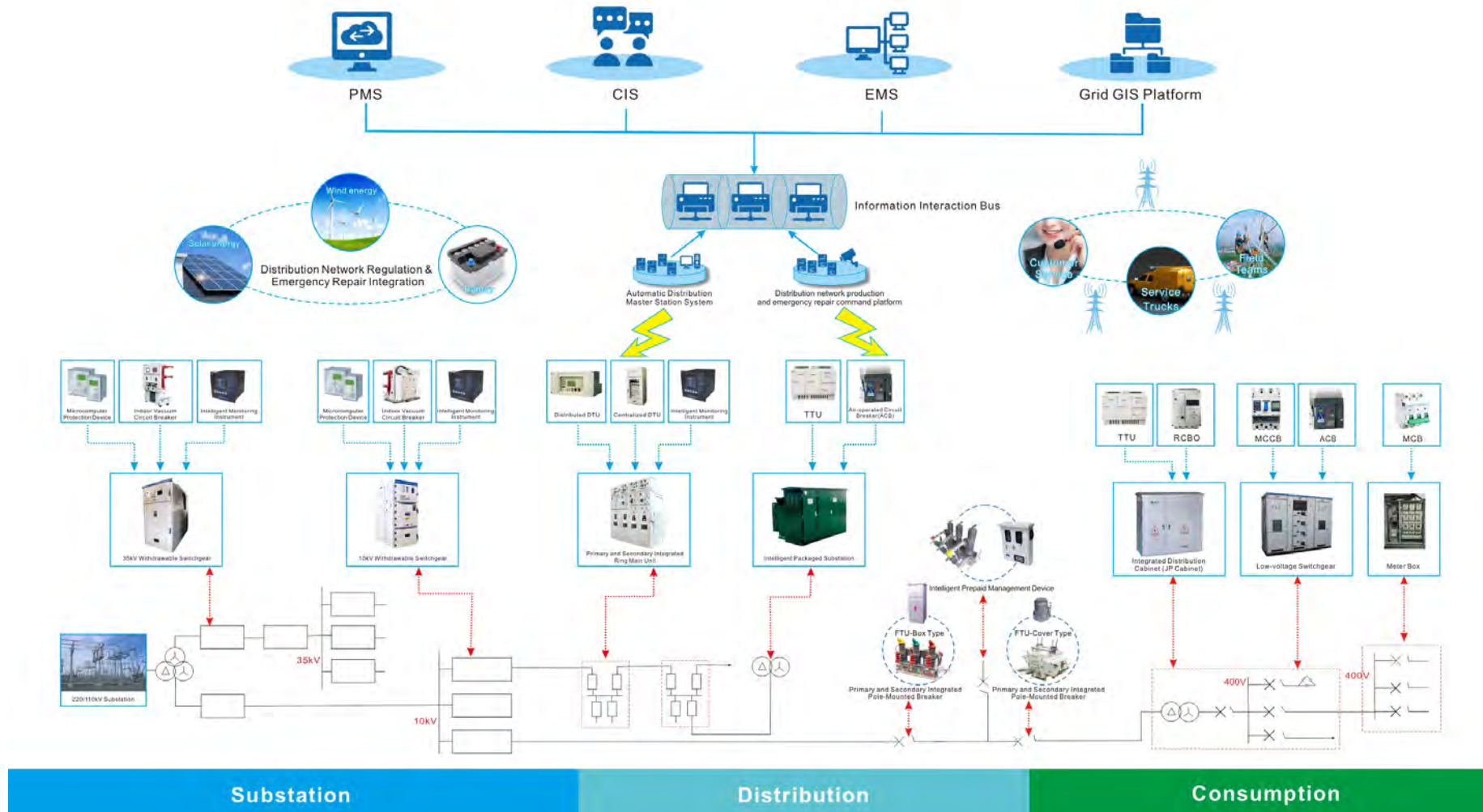
The **Digital Grid** enables comprehensive interconnection, interoperability, and data integration across digital power product Generation, Transmission, Distribution, and Utilization, which allows the Digital Grid to **achieve Complete Sensing, Data Fusion, and Intelligent Applications**, meeting the requirements of **Lean Management** in the power grid and **supporting the rapid development of Digitalized Grids**.



Comprehensive System Solutions for Smart Grid



High Reliability (Robust Equipment, Reliable Power Supply, Fault Self-healing), **Interactive Friendliness** (Distributed Generation Interconnection, Grid Informatization), and **Flexible and Cost-effective Operation** (Energy and Efficiency Management)

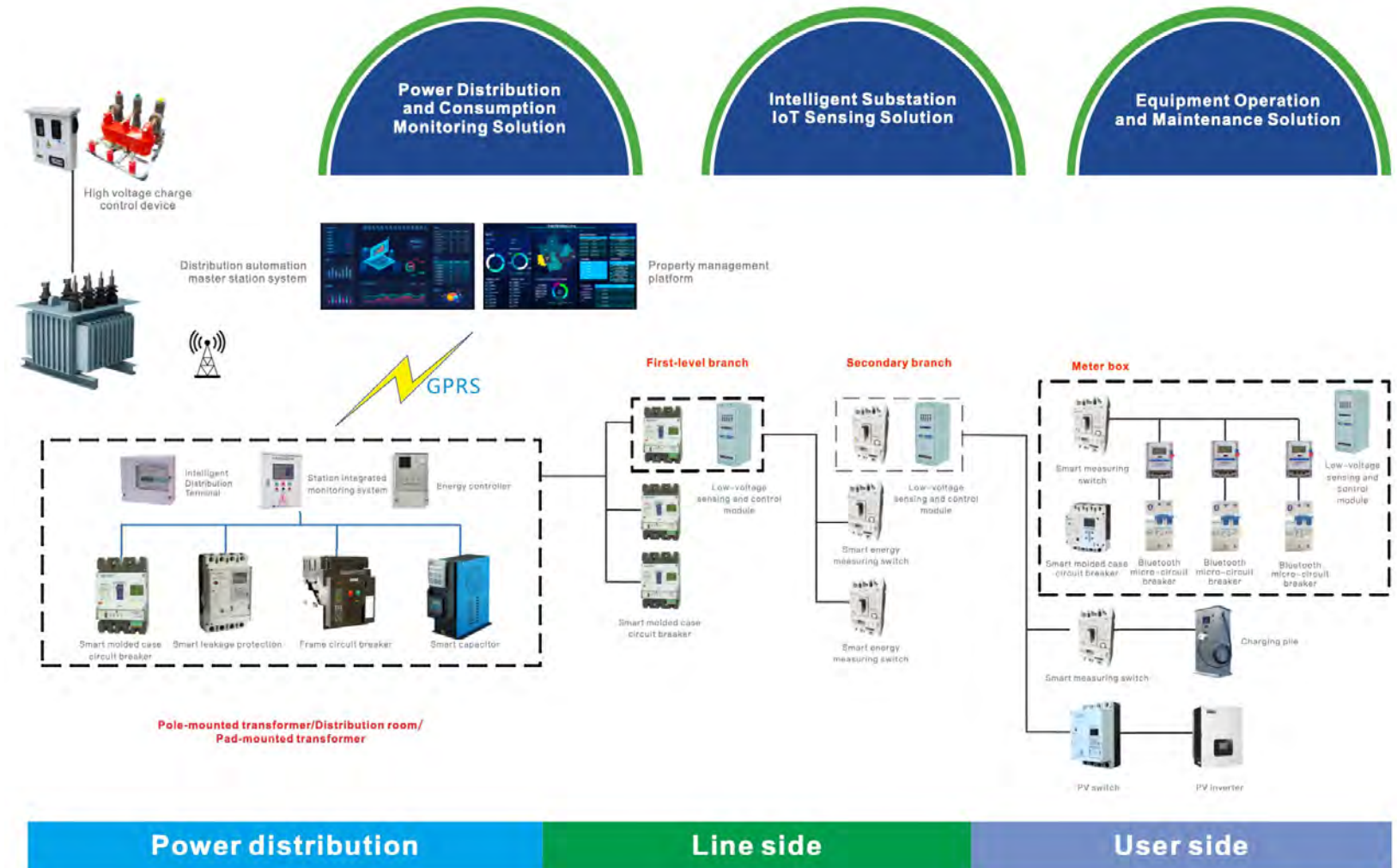


Smart Low-Voltage Distribution Network Solutions

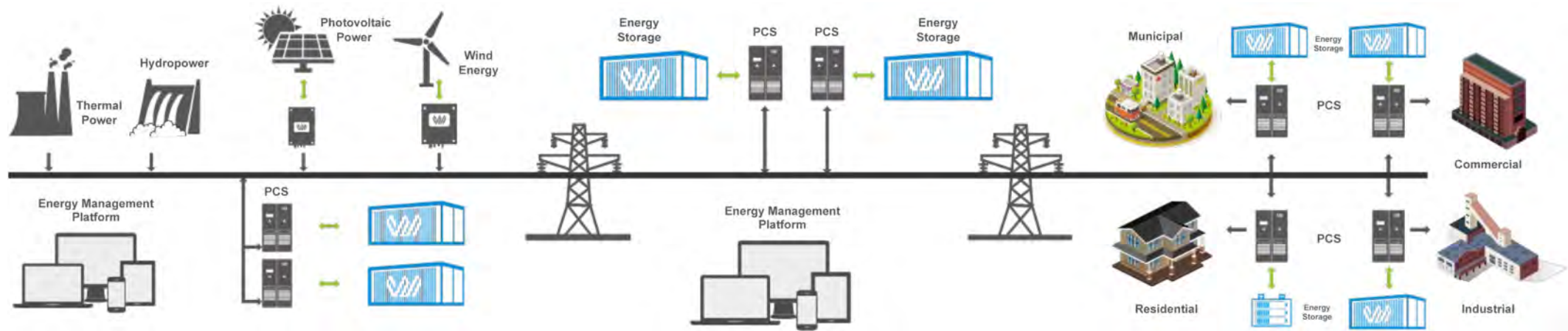


The Smart Low-Voltage Distribution Network Solution integrates **Advanced Communication Technology** and **Intelligent Low-voltage Switchgear** as the core equipment.

It incorporates user experience and on-site environmental factors, enabling **Automatic Substation Topology Identification, Fault Detection and Outage Analysis**, and **Efficient Line Loss Management**, which can be flexibly deployed in different substation scenarios, including pad-mounted transformers, distribution rooms, and pole-mounted transformers.



Energy Storage Multi-Scenario Applications





Success Stories

- Energy Storage Projects in China
- AMI Solutions in South Asia
- AMI Solutions in the Middle East
- AMI Solutions in Europe
- AMI Solutions in Africa
- Metering Solutions in Latin America



2022, Guangdong Hydropower, China

Agricultural Photovoltaic and Energy Storage Complementary Demonstration Project for Guangdong No.2 Hydropower Engineering Company in Hainan

Client: Guangdong No.2 Hydropower Engineering Company

Country or Region: China

Description: The total solar photovoltaic generation over 25 years is estimated at approximately 2.236 billion kWh, with an average annual generation of 89.45 million kWh. The installed photovoltaic capacity is 60 MW, and the new energy storage capacity is 15 MW/30 MWh. The total investment in the project is approximately 350 million CNY.

BREB (Bangladesh Rural Electrification Board) EPC for AMI Project

Client: BREB

Country or Region: Bangladesh

Description: Wasion supplied 500,000 Single-phase and Three-phase Smart Prepaid Meters and provided comprehensive engineering, procurement, and construction services. Through the Smart Metering System provided by Wasion, BREB has achieved its goal of intelligent electricity management.



2018-2022, BREB, Bangladesh



CET (China Electric Power Equipment and Technology Co., Ltd.) AMI Project for SEC (Saudi Electricity Company)

Client: CET and SEC

Country or Region: Saudi Arabia

Description: Wasion helped CET of State Grid of China supply **200,000** Three-phase **Smart Meters** for SEC to implement the largest smart meter project in the region. Wasion provided SEC with a modern power management solution, enabling accurate power consumption and remote management monitoring.

2020, CET and SEC, Saudi Arabia

AMI Projects for Three Power Utilities in Austria

Client: Kärnten Netz GmbH, Wiener Netze GmbH and Wels Strom GmbH

Country or Region: Austria

Description: Wasion, in collaboration with strategic partner **Siemens**, supplied over **500,000** Single-phase and Three-phase **Smart Meters** to three power utilities in Austria. In addition, **comprehensive solutions** were provided to ensure the stable operation and optimization of the smart metering system.



2018-2023, Three Power Utilities of Austria, Austria



2020-2022, CIE, Côte d'Ivoire



CIE (Compagnie Ivoirienne d'Electricité) AMI Project in Côte d'Ivoire

Client: CIE

Country or Region: Côte d'Ivoire

Description: Wasion has supplied over **500,000** Single-phase and Three-phase **Smart Prepaid Meters** to CIE in Côte d'Ivoire, significantly changing the country's power management. Through the smart prepaid functionality, CIE can accurately calculate bills, manage users, and provide flexible recharge options, improving electricity consumption and user experience.

Metering Solutions for CFE (Comisión Federal de Electricidad) in Mexico

Client: CFE

Country or Region: Mexico

Description: Wasion has supplied over **1.2 million** Single-phase and Three-phase **Smart Meters** to CFE in Mexico, bringing positive transformation in the country's power industry. Wasion has established advanced production facilities in Mexico, employing efficient manufacturing technologies and stringent quality control standards to ensure a high-quality and stable supply of products.



2021- Present, CFE, Mexico

Our Commitment

Each city, each community, each enterprise and each household will enjoy the lasting benefits from utilizing Wasion's products, technologies and services.

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