

Leading Solution



LS Industrial Systems

New Name of  LG Industrial Systems

The Challenges and Growth achieved by LG
will continue with New Will of LS Industrial Systems.

**New Name for LG Industrial Systems,
New Take-off for LS Industrial Systems**

LS Industrial Systems

To advance to the next level,
LG Industrial Systems is reborn as LS Industrial Systems.
LS Industrial Systems will continue to lead the future
of industrial electrics and automation by providing
Total Solution, a core essential
for competition in the 21st century industrial era.



At LS Industrial Systems, we are “Always with Our Customers.”

Thanks to your continued support over the past 30 years, LS Industrial Systems has been able to reach its current position and then start afresh with a new CI and a new name, LS, since March 14th, 2005.

The LS group, which includes 17 affiliates with total assets of US 4.86 billion dollars, was ranked 15th among Korean conglomerates.

Under the corporate philosophy of “Always with Our Customers,” LS industrial Systems ensures the highest value for its customers, contributes to social development, and provides a space where LS families can make their dreams come true.

With a new CI and name, LS Industrial Systems will become a Total Solutions Provider - the one you've always hoped for.

As in the past, so with the future: we hope that we can count on your continuous support and make LS Industrial Systems the No. 1 leader in the industrial electrics and automation markets, both at abroad and home.

Many thanks,

Chung-Man Kim
President and C.E.O.



The Corporation that constantly progresses into the future

Leading Solution! Limitless Satisfaction!

LS Industrial Systems



LS is an abbreviation of "Leading Solution." It expresses the commitment of everyone at LS Industrial Systems to grow as a Total Solution Provider with IT and break away from the individual components manufacturing business.



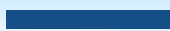
Arrow Point

Arrow Point symbolizes our strong drive to constantly move toward the future as a corporation that is opening up a new paradigm of unlimited expansion



Red Color

Red symbolizes the mindset of entrepreneurs ready to face a challenge



Blue Color

Blue symbolizes transparency and soundness

Shape

Round Gothic Type

Round Gothic Type symbolizes courtesy and consideration of the LS family towards its customers

“Prepared Independence” to be specialized and reinforce competitiveness

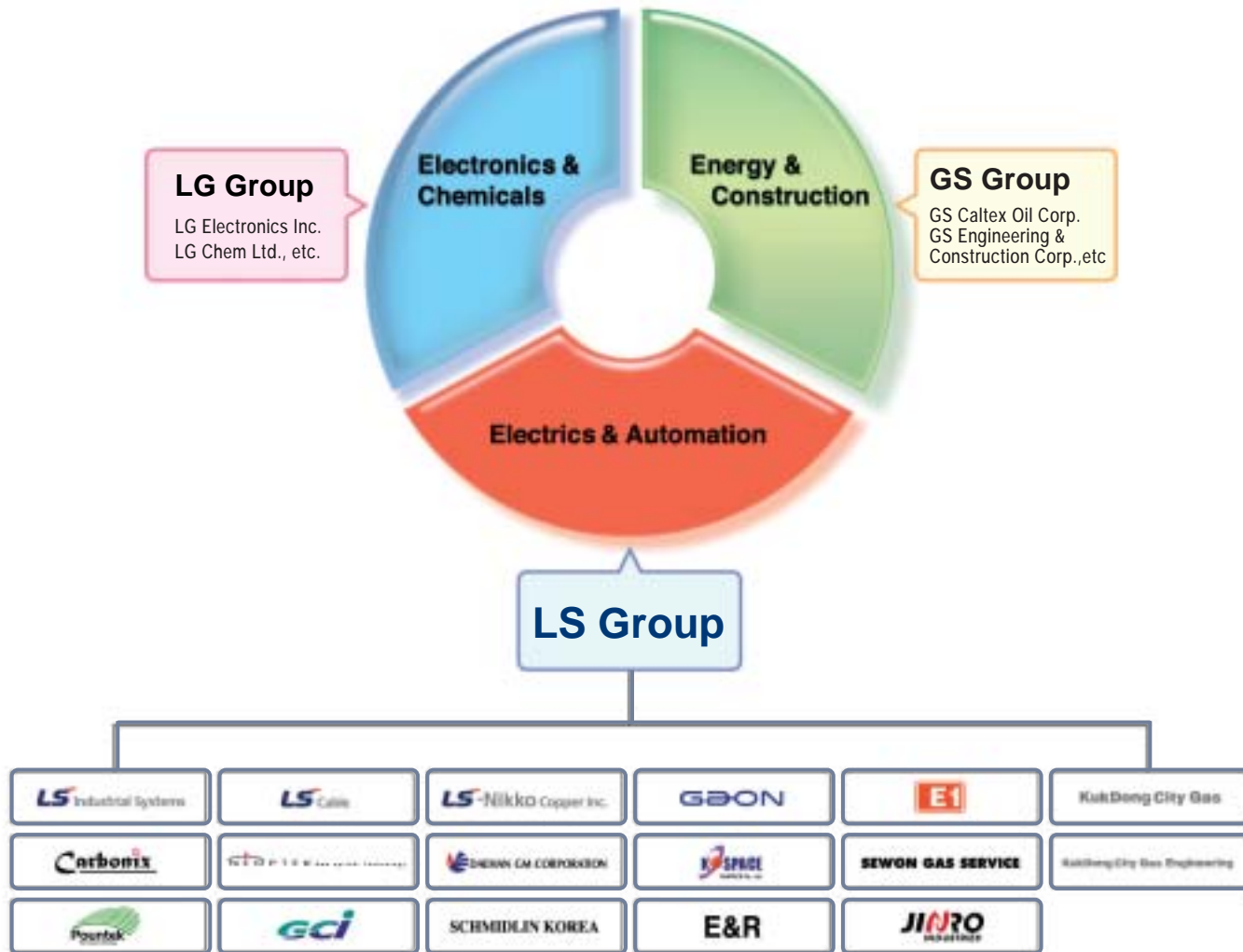
In order to strengthen its global competitiveness through the specialization of its business divisions, the LG group has divided into three groups: LG for electronics and chemicals; LS for industrial electrics and automation; and GS for energy, distribution, and retail services.

The No.1 market leader in industrial electrics and automation in Korea, LS Industrial Systems has set itself mid and long-term goals to become “a corporation of outstanding quality and product development.” We intend to focus on system businesses with advanced IT rather than on producing simple devices. Through this new focus, we will become the No. 1 Corporation and lead the global market into the future.

Under the corporate philosophy of “Always with Our Customers,” LS Industrial Systems will continue to provide the-state-of-the-art technology and differentiated solutions to maintain its status as one of the most recognized brands in overseas and domestic markets.



Since 2005, the LG group has divided itself into three groups: LG for electronics and chemicals; LS for industrial electrics and automation; and GS for energy and distribution & retail services.



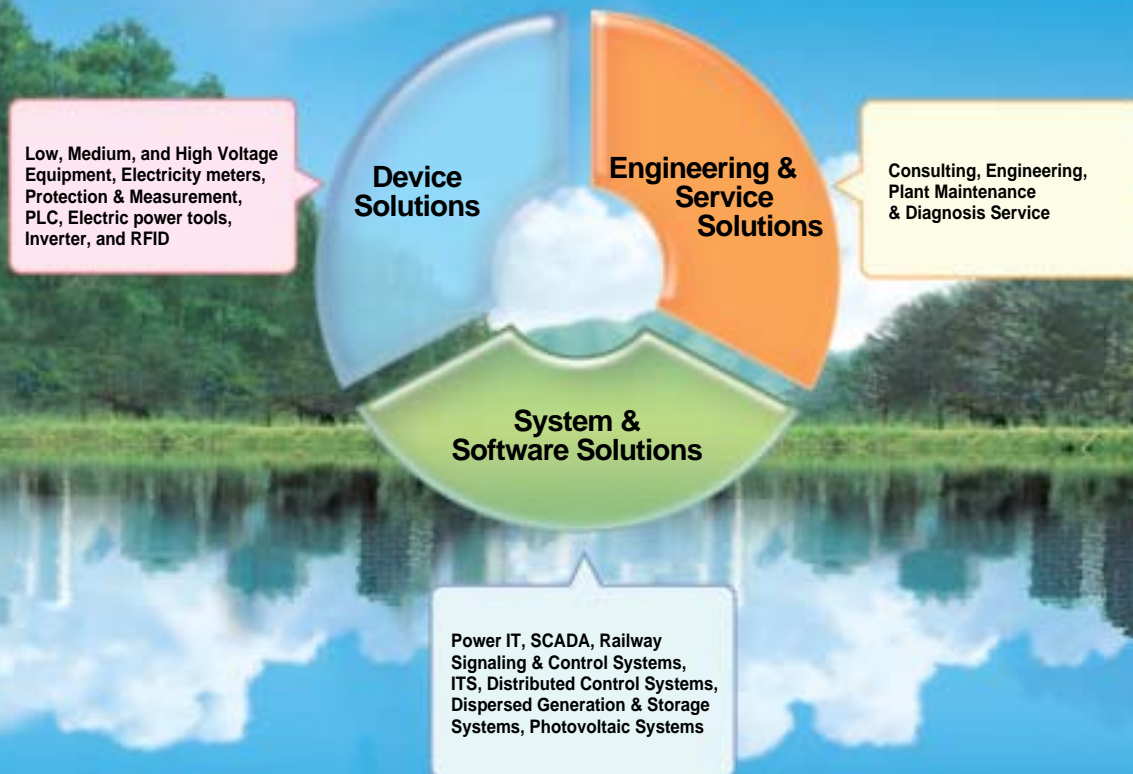
Total Solution Provider - LS Industrial Systems

LS Industrial Systems has retained business divisions that provide Total Solutions for its customers.

Since its establishment in 1974, LS Industrial Systems has been leading the electrics and automation industries with its advanced technologies.

With 30 years of accumulated experience and know-how, LS Industrial Systems will set a standard for digitalization that could transform the future of the electrics and automation businesses.

Value Creation & Customer's Success



30 Years of LS Industrial Systems



With policies of “Selection & Concentration,” LS Industrial Systems will advance to the next level to become one of the global players.

Listing of the corporation for renewed dynamism and growth

Goldstar Instrument and Electric Corp., Ltd. found in 1974
 Goldstar Industrial Systems Corp., Ltd. found in 1987
 Listed at KRX in 1994

Leader in electrics and automation! Takeoff and innovation!

Changed company name to LG Industrial Systems Ltd. in 1995
 Obtained ISO 9001 for an inverter for the first time in Korea in 1996
 Exceeded accumulated low voltage equipment production of 100 million units in 1998

Second takeoff through selection and concentration

Merged with LG Metal Corp., Ltd. in 1999
 Sold off copper smelting business and vending machine business in 1999
 Separated from affiliates and incorporated into the LG cable group in 2003
 CI changed to LS Industrial Systems in 2005

Through continuous innovative activities, LS Industrial Systems has built the organizational capabilities that can overcome any business obstacles.



The logo features a stylized green 'T' with a white lightning bolt striking its top bar. To the right of the 'T' is the word '-solution' in a red, lowercase, sans-serif font. Below this, the text 'Leader in Electrics & Automation' is written in a black, sans-serif font.

T-solution
Leader in Electrics & Automation



Our corporate philosophy is “Always with Our Customers.”

A manufacturer of outstanding quality and product development

LS Industrial Systems has set mid and long-term goals to become "a corporation of outstanding quality and product development," and is planning to focus on systems business with advanced IT rather than on producing simple devices. Through this new focus, we will become the No. 1 Corporation and lead the global market into the future.

A corporation that is always with its customers

Under the corporate philosophy of "Always with Our Customers," LS Industrial Systems will continue to provide the-state-of-the-art technology and differentiated solutions to maintain its status as one of the most loved brands in the overseas and domestic markets.



We provide differentiated values.

The world-class Power Testing & Technology Institute guarantees certified products and global brands.

The PT&TI is an accredited testing laboratory that provides a worldwide testing service with a 1500MVA-capacity High Power Laboratory, a High Voltage Laboratory, and a Reliability Testing Laboratory. Its testing has been fully acknowledged and recognized by overseas testing certification bodies, such as KEMA of Netherlands, UL of America, and CE of the EU for its low voltage testing.

Quality Testing at the PT&TI



High Voltage Test / Impulse Test



Characteristics Test /
VCB Characteristics Test



Short-Circuit Test / ACB Breaker Test



Environmental Test /
Non-stop High Temperature Test



**Packaged engineering services for customers
LS Industrial Systems provides Total Solutions that far exceed the expectations of its customers.**

LS Industrial Systems has transformed itself into a Global Leader in electrics and automation to create an ideal and productive industrial society based on the highly profitable Engineering Device Business.

Contents of Business Sectors

Devices	IT, Intelligence & Complexity, High Performance & Features, Exclusivity
Systems	Finding Exclusive Markets, Differentiation, Killer Application Development
Solutions	High Added Value, Packaging/Visualization
Proportion of Overseas Sales : 40%	

Mid & long-term strategic directions distinguish ourselves from our competitors in rapidly changing circumstances.



Advanced Technologies & Up-to-date Production Capabilities

To accomplish its goal of becoming a global supplier, LS Industrial Systems has employed greater human resources and materials efficiently for rapid and flexible operational capacity.

Searching for New Business Opportunities

LS Industrial Systems continuously seeks new business opportunities that will shape the future.

Power Quality Business	Development of Electronic Product Quality Improvement and business launching based on high-quality monitoring and diagnosis systems, and Customs Power Devices (CPD) including a Power Quality Meter (PQM) to solve the quality problems of electric products
RFID Business	Contactless reorganization devices using radio frequency, Automation Identification and Data Capture (AIDC) business
u-City (Ubiquitous City)	Finding and establishing u-power, u-Transportation, and Telemetric business in connection with u-City, the next artificial modern city, by applying the technology of the ubiquitous computing network and the concept of convergence to objects, spaces, people, and activities.
Electric Management Solution	Localization of the Energy Management System (EMS)-essential infrastructure of the electric system based on advanced domestic IT technology and accumulated operational skills
Decentralized Power Supply	Development of a Power Conditioning Unit (PCU) that converts the electricity from Decentralized Power Supply (DPS) into an AC source required for loading or systems
Demand & Load Management	Development of solution and Load Aggregator (LA) business that is tagged to solve electricity shortages through Negative Power supply and make savings in energy costs for customers



Introduction of Leading Global Products

Based on the procedures of its Top-LSIS product development, LS Industrial Systems has developed and launched leading products.

As a part of the LSIS product development activities, all of our business divisions are engaged in Top-LSIS from the beginning of the product planning stage through to the launch of the product onto the market. In other words, a cross checking process involving every department helps to upgrade the level of the finished product before introducing it to the market.



New Concept Product PLC (XGT)

Fast, Compact, Open Network Solution

- Fast CPU processing
- Smallest size
- Integrated programming & engineering
- System integration of an open network
- Program modulation and tasking



New Generation MCCB/ELCB

The new generation circuit breakers, equipped with multi-function and protection discrimination, cascading, and type 2 coordination.

- Ampere Frame: 100/160/250/400/630/800AF
- Ultimate breaking capacity (kA rms): 150kA @ 415Vac (Ics=100%Icu)
- Various interchangeable trip units
- Electronic Trip Unit: communication, monitoring, and local indications
- Modular system for a wider range of adaptable modules: AX, AL, SHT, UVT, Plug-in versions, Motor operator etc.



Global MC/TOR

New global MC/TOR, with tightly covered structure for minimal exposure of arc, possesses various terminals made from materials guaranteeing protection of the environment and enhanced convenience.

- Ampere Frame: 32/63/95AF
- Direct connection with MMS
- Minimization of arc exposure
- Lug, Screw Terminal
- Environmental protection
- Various accessories

We are moving towards the global market.

We will build our name as a global brand that is recognized throughout the world for its high-quality products and services, and the efficiency of its human resources. We will reach our goal of becoming a global corporation in tune with the global economy.



A corporation that is embracing the world

LS Industrial Systems has been expanding its global production bases and rapidly complying with the demands of its customers.

LS Industrial Systems pursues continuous growth through regional differentiation by expanding its overseas business from the growing markets in China and Southeast Asia to those in the Middle-East, Central & South America, and Europe.

Main Strategic Business

- Entering the Top 5 Players of the major countries
- Marketing activities based on ACE, PMS, & PM
- Securing the competitiveness of its technical support and services

● Production bases	Cheongju, Chonan, Janghang (Korea) Dalian, and Wuxi (China), Hanoi (Vietnam)
● Overseas Branches	Shanghai, Beijing, Guangzhou, Chengdu, and Qingdao (China), Dubai (UAE), Tokyo (Japan), Germany (Expected)
● Service Centers	Shanghai, Beijing, and Guangzhou (China)



You can count on us.

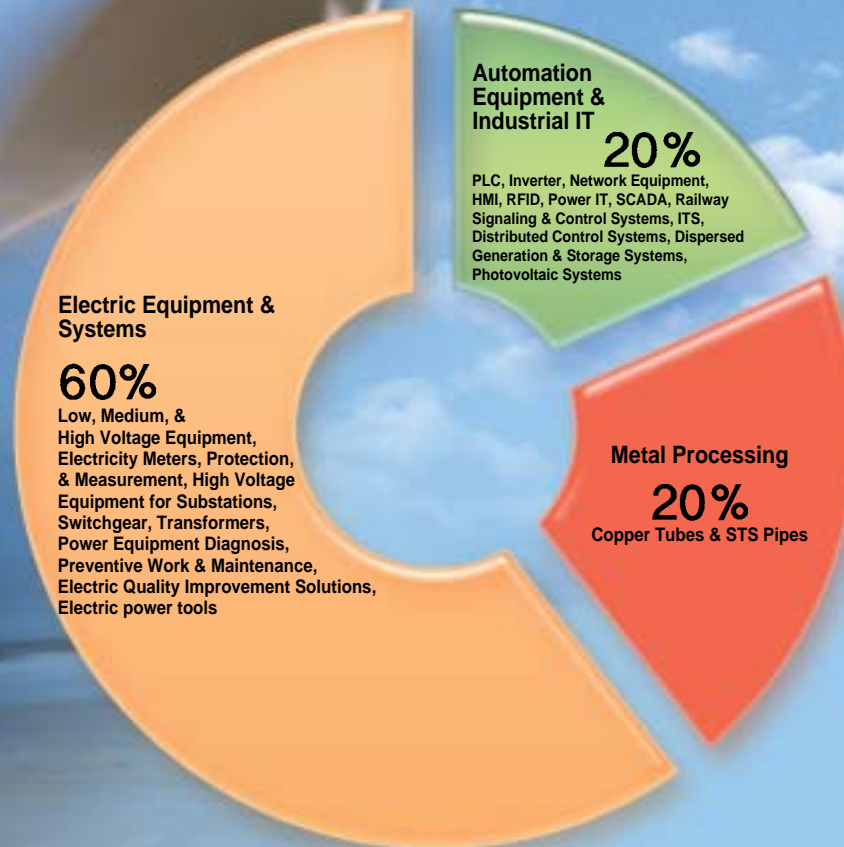
New Face & New Resolution

To become a global leader that gives top priority to customer values

We promise you that LSIS will be reborn as a corporation that returns the best values to its customers.

We are committed to global product development, driving future growth, and expanding the overseas market share, as well as consolidating existing business.

Join us in a future where LS Industrial Systems will become a genuine global leader.



Customer satisfaction with world-class products and services: LS Industrial Systems is committed to excellence!



Cheongju Plant (Korea)



Dalian Plant (China)



Hanoi Plant (Vietnam)



Wuxi Plant (China)

Electric Power Industry | Electric Equipment & Systems

The electric equipment and systems of LS Industrial Systems, ranging from low to high voltage products, have not only acquired ISO 9001 and 14001 certification for their efficient design and excellent quality, but many other certificates, including KEMA, TUV, CESI, ASTA, and KERI. The outstanding quality of the products that we are manufacturing conforms to international standards such as IEC, UL, ANSI, CCC, JIS, and KS.

We also provide Total Solutions that encompass customized designs and more advanced technology, as well as efficient production and installation, and highly accurate testing and analysis of power equipment.



Chonan Plant (Korea)



Wuxi Plant (China)

Automation Industry | Automation Equipment, Industrial IT & RFID

LS Industrial Systems, a leading pioneer of the domestic automation business, developed the first ever PLC, Inverter (AC Drive), and DCS in Korean automation history. We now provide Total Solutions through the diverse application of our own products, ranging from controllers to control systems that are based on sophisticated technology and proven experience, to bring innovative change to distribution systems and logistics.



Janghang Plant (Korea)



Chonan Plant (Korea)

Industrial Equipment Industry | Metal Processing & Electric Power Tools

In addition to supplying basic industrial material, such as copper tubes and STS pipes to the electronics and chemical industries, LS Industrial Systems also manufactures and supplies electric power tools that have been recognized for their excellent performance capabilities in over 38 countries.

Electric Equipment



MCCB / ELCB



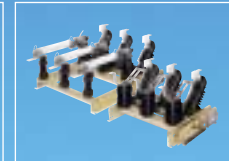
ACB



MC & TOR



DMPR



LBS / ASS



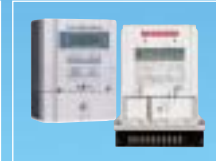
VCB



RMU



GIPAM



LGRW



AMRS

Electric Systems



Power Equipment Diagnosis, Preventive, & Maintenance / Mold Tr / 24kV MCSG / Compact Type switchgear



145kV GIS

Automation Equipment



PLC Series

Smart I/O

HMI

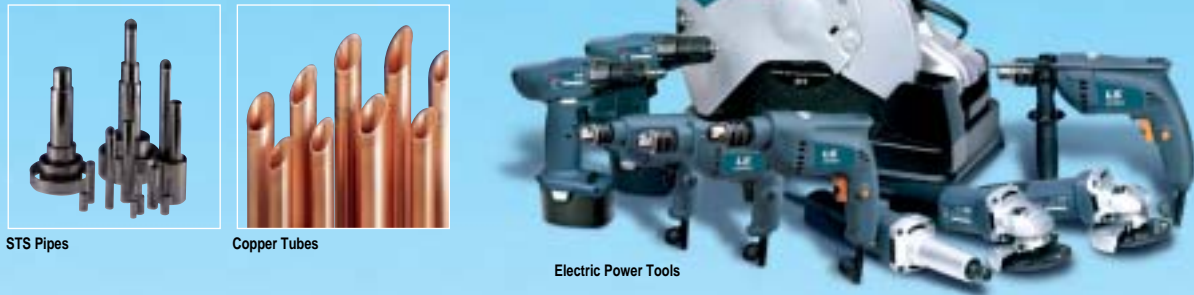


Inverter Series

Industrial IT



Metal Processing & Electric Power Tools



RFID



LS Industrial System's global network provides the highest quality of products and services



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Project List

Electric Power Industry | Electric Equipment & Systems

- 2005** | Supplied 12kV switchgear and low voltage switchgear to General Electric Company/Daewoo E&G, Libya
Supplied Switchgear and Electric Equipment to Desalination facilities, Oman
Supplied Ultra voltage GIS to Power Distribution Company, Iran
Supplied Ultra voltage GIS, switchgear, electric equipment, and transformers to LG Phillips LCD in Paju, Korea
Supplied Phynex switchgear and electric equipment for POSCO, Korea
Supplied 13.8kV and 4.16kV switchgear, LV & MCC to Hansol EME, Korea
Supplied SCADA system 25.8kV GIS-43 Bay to Incheon International Airport, Korea
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- 2004** | Supplied GIPAM-2000 and other metering equipment to Daejeon, Daegu, and Busan subways, Korea
Supplied 145kV GIS, switchgear, transformers, & SCADA to Taekwang/Sangsuk Plant, China
Supplied Ultra GIS, switchgear, transformers, and diagnosis system to LG electronics PDP plants, Korea
Supplied Ultra GIS, switchgear, electric equipment, and transformer to POSCO, Korea
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- 2003** | Supplied DPR to Samsung electronics Souju plant, China
Supplied 11kV switchgear to Al Mabani Contracting Co., Bahrain
Supplied 138kV control panel and Relay Panel, Battery & Battery Charger, AC/DC panel to Hyundai Engineering, Nicaragua
Supplied 6.6kV switchgear to Kubota/Ariake Engineering company, Japan
Supplied 6kV switchgear, low voltage switchgear, MCC, Main Distribution panel, Fault alarm panel to TOYO engineering company, Russia
Supplied low voltage switchgear, battery & battery panel, and MCC to Samsung corporation, Russia
Supplied IAT (Inter Airport Transit) to Incheon International Airport, Korea
Supplied 13.8 & 4.1 kV switchgear, LV & MCC, Capacitor bank, Battery & Battery charger, 132kV Relay protection & Control, fault recorder & etc. to Hansol EME, Korea
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Automation Industry | Automation Equipment & Industrial IT

- 2005** | Supplied XGT PLC to Hyundai motors Namyang plant, Korea
Supplied main boiler control system to Pyeongtaek Thermal Power Plant #1~#4, Korea
Supplied signaling & telecommunication double track railway system to the State Railway of Thailand, Thailand
Supplied modernization of signaling & interlocking system to Bangladesh Railway, Bangladesh
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- 2004** | Supplied ATC/ATS to Korea National Railroad, Korea
Supplied CAL line Inverter systems to POSCO, Korea
Supplied GLOFA PLC systems to LG electronics, Korea
Supplied GLOFA PLC systems to Ssangyong Motors, Korea
Supplied GLOFA View to Hankook Tire, Korea
Supplied GLOFA PLC systems to Kumho Tire in Namkyung, China
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- 2003** | Supplied Smart I/O to Hyundai Motors in Beijing, China
Supplied Inverter to Hyundai Motors in Alabama, USA
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Leader in Electrics & Automation