

TAIHAN

THE POWER LIGHTING UP THE WORLD



taihan
CABLE & SOLUTION



taihan

THE POWER LIGHTING UP THE WORLD

Taihan, the global cable & solution company is lighting up the world.

The cables used as a backbone system delivering energy and information which moves the world. Taihan supplies the best quality cable system to the right places for the smooth operation of social infrastructure, for a wide range of purposes from everyday life to industrial sites. Taihan, through its accumulated technology and core abilities developed over 60 years, endeavors to provide the best services to its global customers. We will create a sustainable growth engine with our innovative spirit and passion that will never settle for the present. Taihan never stops going towards a prosperous future where we live together in abundance.

COMPANY PROFILE



Company Name

Taihan Electric Wire Co., Ltd.

Establishment

1955

Business Areas

Power Cables, Communication Cables, Base Metal, etc.

Products and Services

Design, Manufacturing and Installation in Electric and Communication Cable System



Business Sites

- | | |
|---------------|--|
| Korea | <ul style="list-style-type: none"> Head Office Dangjin Plant Dangjin Cable Accessory Plant Technology Research Center 2 Domestic Offices (Busan, Honam) |
| Global | <ul style="list-style-type: none"> 4 Subsidiaries 13 Branch Offices |



PHILOSOPHY

Taihan Leaps up for a Better Future.

Taihan has been growing based on daring innovation and endless efforts. Taihan has written the history of global industrial development and established itself as a global cable & solution company providing the best products and technologies. As we have done so far, we will deliver light and hope to the world with the mission of contributing to the prosperous life of human beings, as a total solution provider that provides the best value to customers. Taihan will make our future lives brighter and more abundant.

Vision

We Connect the Future To a Better Future



People

A People-centric Culture

A people-centric corporate culture, focusing on communications and mutual trust



Solution

Customer Value

Customer satisfaction through technology and quality



Future

Future-oriented

A brighter future through creative thinking and taking on challenges

HISTORY

Taihan, the first cable & solution company in Korea, has grown into a world-class company who is very competitive in power, communication and base metal business sector for over the 60 years since its establishment.

1950s

- 1955 Establishment of the company
- 1957 Mass-produced copper communication cable for the first time in Korea



1960s

- 1964 Acquisition of the KS Mark for the first time in Korea
- Exportation to Southeast Asia for the first time in Korea
- 1969 Development of 33kV XLPE cable for the first time in Korea



1970s

- 1976 Production of 154kV Oil Filled cable for the first time in Korea
- 1977 Development of fiber-optic cable for the first time in Korea
- 1979 Mass-produced short-wave multimode fiber optic cable



1980s

- 1983 Completion of the extra-high voltage cable plant; Development of foam-skin communication cable
- 1984 Completion of the optical communication cable plant; Production of 154kV XLPE cable
- 1987 Production of OPGW; Development of 345kV OF cable & cable accessory
- 1988 Developed submarine optic cable and leakage coaxial cable

1990s

- 1995 Development of 765kV ACSR
- 1997 First high-density optical cable development in collaboration with KT in Korea



2000s

- 2000 Merging the cable corporate <M-TEC> in South Africa
- 2004 Development of the 400kV XLPE cable & cable accessory; Development of FTTH solution
- 2007 Completion of Dangjin Cable Accessory Plant
- 2009 Development of 400kV Enamel Coated Conductor Cable and Composite Bushing for extra-high voltage

From 2010

- 2011 Construction of the Dangjin Plant & its completion
- Production of heating cable for the first time in Korea



- 2012 Development of 400km/h high-speed railway wire for the first time in Korea
- 2013 Pass the PQ test for 500kV high voltage cable for the first time in Korea
- 2014 Production of ACCC-type high temperature low sag conductor
- 2015 Supply of 500kV extra-high voltage cable in the United States, for the first time in North America
- Taken over by IMM PE
- Proclamation of vision for becoming the global TOP3 wire & cable company

- 2016 Merging with TEC&Co.
- Launching of the Vietnam sole investment corporation Taihan Vina
- 2017 Established Saudi Taihan, a joint venture in Saudi Arabia
- 2018 Obtained the offshore wind power distribution submarine cable in southwestern sea
- Declared the mind-to-long term management plan V2025
- 2020 Acquired CPR-CE(B2ca degree for flame retardant) for Europe with leakage coaxial cable

TAIHAN AROUND THE WORLD

Taihan's globally trusted products and technologies are already recognized by a lot of customers. We consistently challenge our limits to be a global leading company, based on know-how accumulated through decades of experience, trustworthy products and aggressive development of the overseas market.



Dangjin Plant

Dangjin plant was established in 2012. Dangjin plant possesses the world's largest wire & cable manufacturing facility which can maximize productivity through assembling various manufacturing facilities. It is the highest level facility equipped with the latest system of integrated control, danger detection and optimized energy effectiveness.



Dangjin Cable Accessory Plant

Dangjin Cable Accessory Plant is producing various kinds of cable accessories, such as EHV cables accessories and terminations, etc., including 500kV XLPE cable accessories. Moreover, this plant has produced link boxes, GIS insulators and composite hollow bushings depending on the requirements of each client.



Taihan Vina

Taihan Vina that was launched newly through the investment by Taihan solely in 2016 is a comprehensive wire & cable company providing various kinds of cables, such as, electrical and communication cables, etc. Taihan Vina is growing as a global production base with the investments of technology and equipment for highly profitable products such as EHV cables and ACCC, etc.



Saudi Taihan

Saudi Taihan that is the Saudi Arabia's first HV-class electric power generation company was established for strengthening the competitiveness of Taihan through the localization of the production. Saudi Taihan will expand its markets to Africa and Europe as well as the Middle East as its global electric power generation bases.



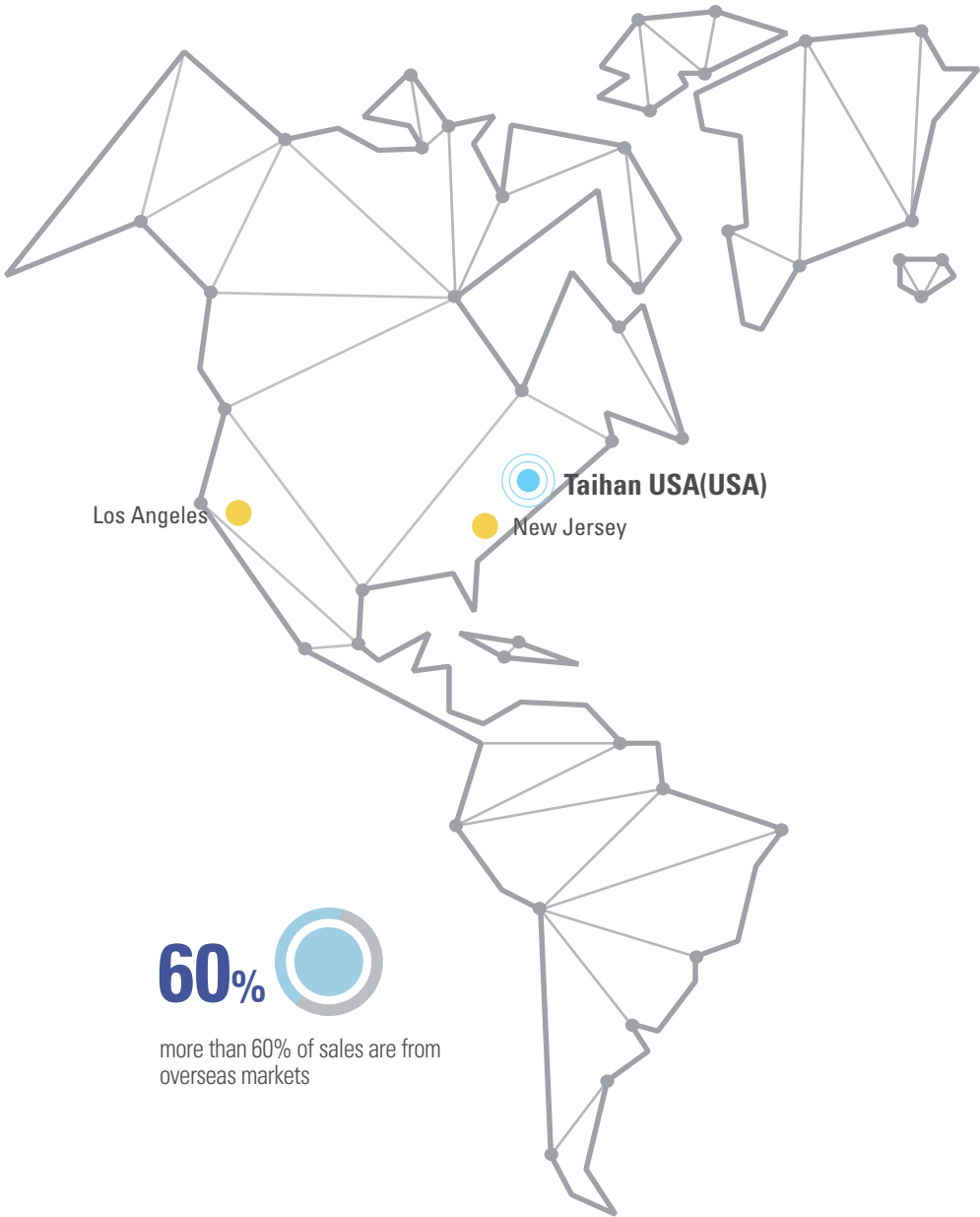
M-TEC

M-TEC, located in the Republic of South Africa, is an advanced base for expansion to the African mainland, and was established in 2000 as a joint corporate. It is an integrated cable company that produces optical communication cables and power cables, and is on the way to becoming the best cable company in Africa.



Taihan USA

Taihan USA was founded in 2000 for expanding the sales of Taihan in the Americas. We have strengthened our business bases for entering into the local markets while having expanded the taken orders for extra high voltage and middle & low voltage products from the electricity board of each region in the east and west regions of the USA and are planning to expand the sales of electric power and new information & communication products in the future in the Americas.



TAIHAN, THE GLOBAL NO. 1 WILL ALWAYS BE WITH YOU

Taihan consistently offers the best values in the cable & solution industry, leads the development of technology for the future of human race, and lights up an abundant future with cutting-edge technology.

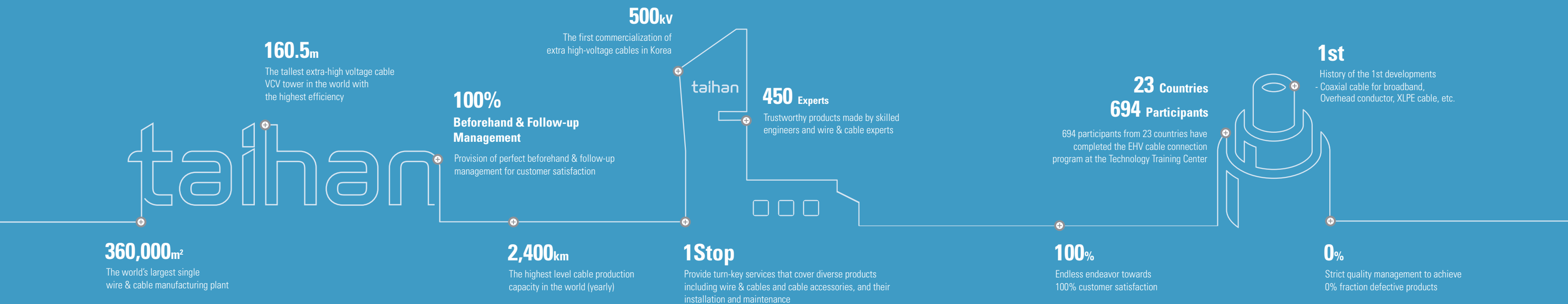
No.1 Plant

Dangjin plant of Taihan possesses the world's largest wire & cable manufacturing facility which can maximize productivity through assembling various manufacturing facilities (Power cable, Communication cable, Base metal, etc.). It is the highest level facility equipped with the latest system of integrated control, danger detection and optimized energy effectiveness.



No.1 EHV Cable System Provider

Taihan provides the best solution for customers with various products and complete engineering in the high-voltage cable system fields. Taihan has set the standard for power cable with the technology and know-how. With the proven performance in the global market, Taihan will continue to be the EHV Cable System Provider that satisfies customers' needs.



No.1 Full Product & Service Line-up

From the designing of electric cable system, and to the supply, connection, installation and maintenance of cables and accessories, Taihan provides the total solution covering the value chain of power supply. We will mobilize all our capabilities to provide products and services optimized to each project that our customers demand.



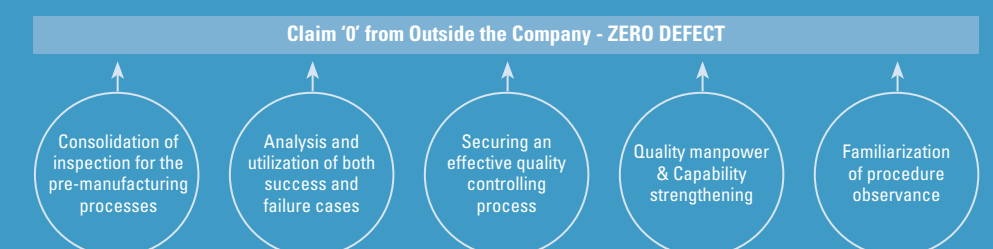
No.1 R&D

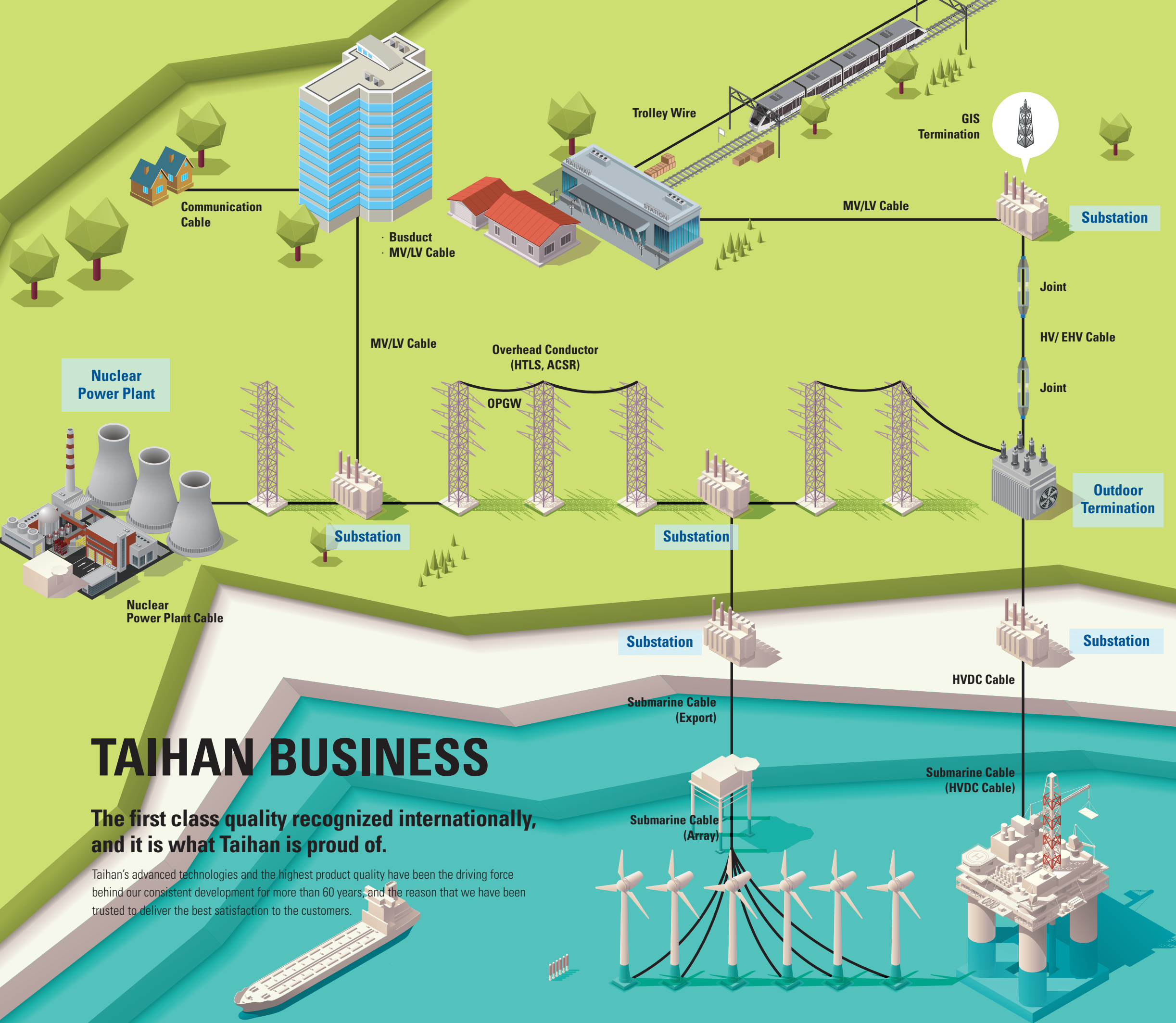
The Technology Research Center of Taihan, established in 1983, pursues a challenge spirit and creation of the highest value which goes beyond the limitations of technology. In addition, Taihan provide education program to foster the specialists of extra-high voltage cable connection, for the engineers in the countries all over the world.



No.1 Quality

Manufacturing great quality products is Taihan's promise to the customers. Taihan aims to be recognized by customers for our competitive product quality and performance competence





Products of TAIHAN

Taihan produces the highest quality products based on know-how and experience accumulated over 60 years.

Power Cables

- EHV Cable
 - XLPE
 - O.F
- HVDC Cable
- MV/LV Cable
- Submarine Cable
- Overhead conductor
- Busduct
- Control Cable
- Fire Protection Cable
- Nuclear Cable
- Solar Energy Cable
- Wind Power Cable

Cable Accessories

- Termination
- Joint
 - XLPE
 - O.F
 - Transition
- Epoxy Insulator

Specialty Cables

- Heating Cable
- Trolley Wire
- Factory Automation Cable

Communication Cables

- RF Cable
- Data Cable
- Foam Skin Cable
- Railway Signaling Cable
- OPGW
- Optical Cable

Base Metal

- Copper Rod
- Magnet Wire

TAIHAN BUSINESS

The first class quality recognized internationally, and it is what Taihan is proud of.

Taihan's advanced technologies and the highest product quality have been the driving force behind our consistent development for more than 60 years, and the reason that we have been trusted to deliver the best satisfaction to the customers.

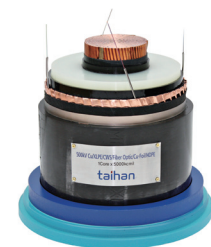
MAJOR PRODUCTS

taihan

Power Cable

The establishment of power grids is an index of contemporary social development.

Taihan, which has led the establishment of domestic power grids for the last half century, has expanded to the major markets in the world including Asia and Middle East since the early 1980s. Taihan is currently establishing a solid foothold as a global leading company by expanding EHV product sales in the advanced markets such as USA, Australia and Europe.



500kV Extra High Voltage Cable

500kV is the highest voltage for underground cable, which requires high level technology. Taihan proves its quality of the 500kV underground cable by acquiring a certification from KEMA(global testing laboratory) In addition, several 500kV cable lines have been under commercial operations.



Enamel Coated Conductor Cable

Enamel Coated Conductor Cable is a product with a high techno-economic value with 20% more power transmission capacity than the existing products. In this type of cable, resistance is reduced through the single wire conductor using the method applied when coating with enamel.



Submarine Cable

Submarine cables are installed on the seabed for power connection between land and island, or between islands. Taihan has succeeded in developing submarine cables for power system, and settled the mass production system in Dangin plant. Taihan has successfully completed the project of the offshore wind power plant in the southwestern coast of Korea, the conversion project of the Republic of Seychelles, and etc.



High Temperature Low Sag Conductor

On account of lower weight and resistance, Aluminum Conductor Composite Core (ACCC) has lower sagging tendency and greater transmission capacity compared to the existing composite cores. We produce and supply ACCC with two times more transmission capacity using carbon fiber center-line, and ACSS with 1.5 times more transmission capacity using high-strength steel center-line.



Cable Accessory

We carry the value of technology even to the smallest component.

The EHV electric grid needs safety and credibility. Taihan succeeded in localizing the cable accessories for 154kV OF cable in 1988, and commercialized the cable accessories for 345kV OF cable, 154kV XLPE cable and 500kV XLPE cable after being certified through the TYPE test by an international certification agency.



Specialty Cable

We supply diverse specialty cables needed in industrial sites.

Taihan supplies Factory Automation Cables which are used for plant automation, and has thereby improved the productivity of manufacturing business. In addition, we produce Trolley wire which delivers power to trains and railways, and contribute to the establishment of industrial infrastructure.



Communication Cable

We move up the future of communications through technology and quality.

Taihan has been playing a key role in the establishment of communication networks, from backbone networks to subscriber networks in domestic and major overseas markets through manufacturing various high-quality communication cables. Taihan is reinforcing our business competitiveness using advanced technologies and services. We have been steadily supplying high-quality cables and establishing high-speed information communication networks.



Base Metal

We are adding power to the development of base metal industry with prestigious quality and price competitiveness.

We are adding power to the development of base metal industry with prestigious quality and price competitiveness. Taihan is supplying high-quality materials (base metal) to various industries through consistent technology development, and based on the wide experience in facility management. Taihan not only has the latest SCR facility, but also produces perfect quality base metal by controlling and managing the whole process automatically using computerized operation system.

SUSTAINABILITY MANAGEMENT

Moving together for a better future. This is the motto for Taihan's sustainable management.

Taihan consistently endeavors to deliver a positive impact to the society based on the company's social responsibility. We know well that we are on the right track with our actions aiming to grow together with the customers, shareholders, our personnel and regional society. We strive to be a trustworthy company while creating sustainable value and new opportunities.

Social Responsibility

Taihan has been realizing consistent sharing since 1970s under the motto, 'Working together to make a happier world'. We have developed a collaborative social contribution system in which all personnel participate in voluntarily. In addition, we optimize the value of sharing by encouraging the families and acquaintances of our staffs join in the efforts as well.

Motto

Working together to make a happier world

Mission

1 contribution per person



Art & Culture

- Developing art and culture
- Expanding the art and culture community



Welfare

- A company coexisting with society
- Volunteer activity of employees
- Corporate donations



Education

- Support for fostering talent
- Support for advancing science & technology

Working together to make a happier world



Environmental Management

Taihan has acquired the international standard ISO14001. We are fully aware that the conservation of nature is the most important common goal for human race, and have established an innovative environment management system by setting up a medium and long-term road map, and making the conservation of environment a major management objective.



Ethical Management

Taihan realizes a transparent management which would secure efficiency and transparency through an advanced business system. This advanced corporate governance structure will be a strong basis for Taihan, on our way to be a leading global enterprise, through protecting shareholders' rights and heightening the value of the company.



Safety and Health Management

Taihan have established and operated a safe health management system based on the policy of safe health management. Our staffs do not forget the fact that this emphasis on health influences their lives, their families and even the customers. In addition, we offer health management services so that the employees can perform optimally by improving their health, and adhere to the safety rules and guidelines to be a business site without accidents.



Human Resources

Taihan cares about the talents who are the driving forces of the company, and supports them to develop their ability and realize their potential through strategic system improvement and human resource management in the process of recruitment, evaluation, compensation and fostering.



TAIHAN WILL OPEN A NEW ERA TO BE THE ONE WITH 100-YEAR HISTORY

We are preparing for the future, towards being known as a great company with a hundred years of history, based on the capability and energy which have made us grow and win over customers' trust over the last 60 years. We will keep developing while communicating with our global customers, with a strong will for accomplishing our goal and responsibility for realizing the best customer satisfaction. Just like we have been doing so far, we promise to proceed resolutely despite hardships.

Taihan's challenge and innovation towards a bigger world and a better tomorrow have just started.

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