

# Make Value



<https://www.artner.co.jp/en/>

Engineer Support Company

## Message from Our President and CEO / Company Overview

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We aim to become a group of engineers that is recognized, by both ourselves and others, as a provider of the greatest added value in the industry.



**SEKIGUCHI Sozo**  
President and CEO

Artner is a group of engineers providing specialized technical services in the software, electronics, and machinery fields for manufacturing work processes related to R&D, design and development, and production.

Since our founding as Osaka Technology Center Co., Ltd. in 1962, we have taken part in numerous cutting-edge design and development projects of some of Japan's leading major manufacturers and companies supporting industrial development.

Based on our management philosophy of being an "Engineer Support Company," we will persistently develop an environment in which engineers pursue self-actualization and self-growth while Artner supports engineers.

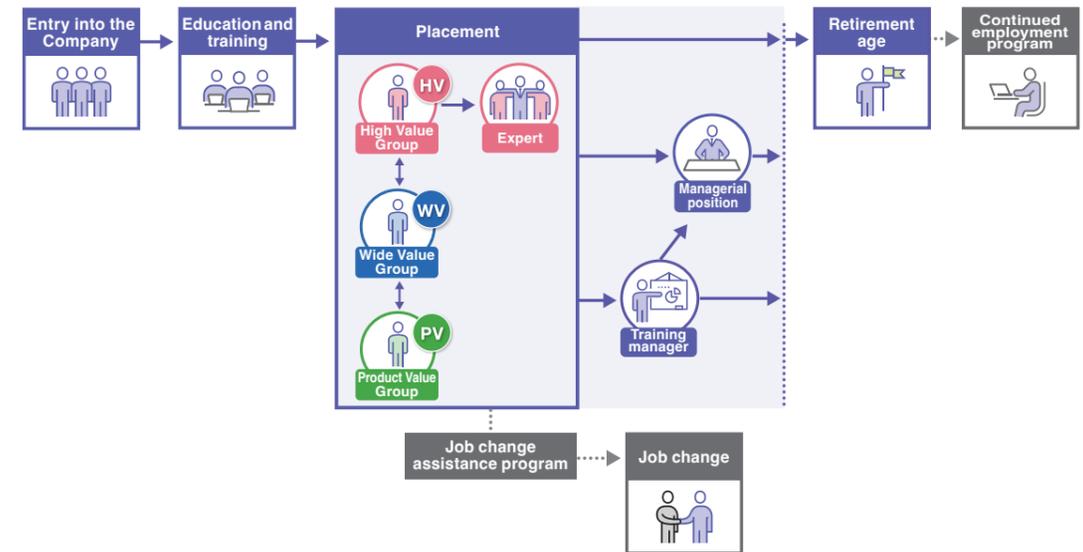
We wish to maintain such a relationship between engineers and Artner.

Artner aims to become a group of engineers that is recognized, by both ourselves and others, as a provider of the greatest added value in the industry, and will continue to challenge ourselves to achieve this goal.

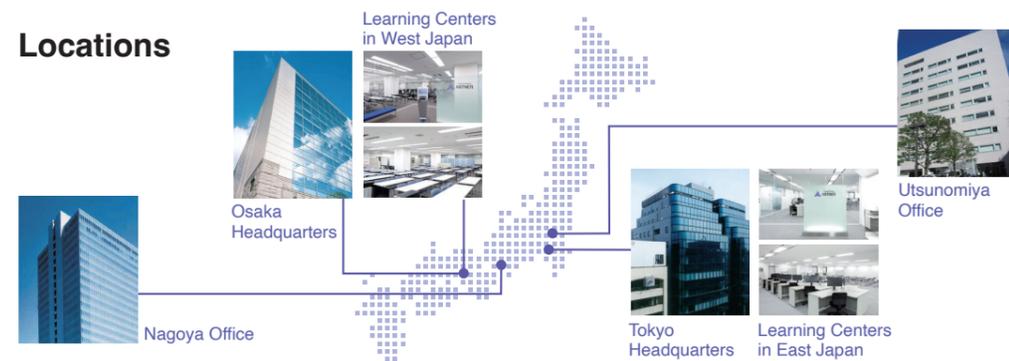
Thank you for your continued guidance and support.

### Career Paths of Engineers

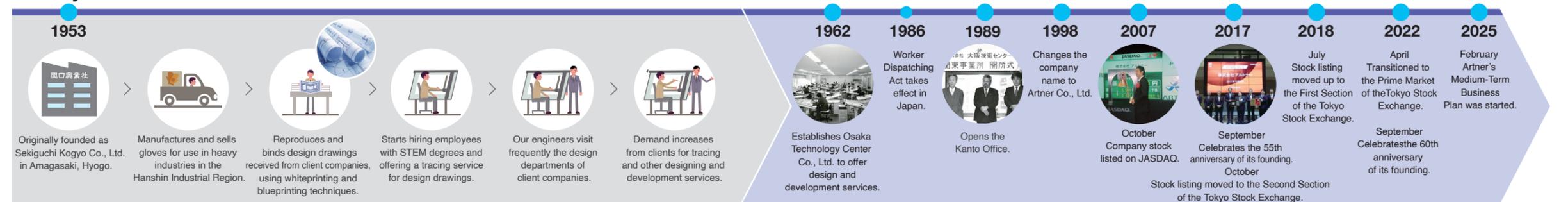
After undergoing education and training, engineers that enter the Company as regular employees join a group suitable to them and are placed with our clients. There are various career paths to choose from, including "working in the field until mandatory retirement age," "expert," "training manager," and "managerial position." After reaching mandatory retirement age, employees can continue working through our continued employment program. Also, if an engineer wishes to join the client company with which they are placed and the client company is also willing, we will support their job change through our job change assistance program. We also support any engineers who wish to return to their hometowns for work.



### Locations



### History

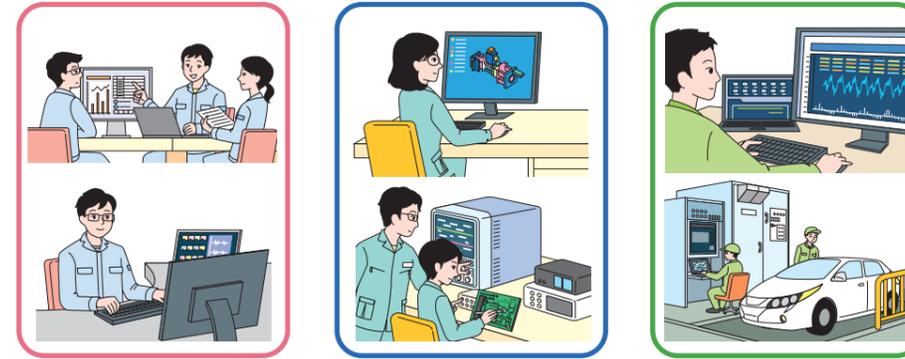


## Strategies by Segment / Technology Fields

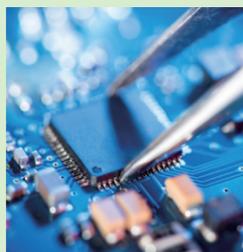
### Specialized Technical Services Provided by Artner

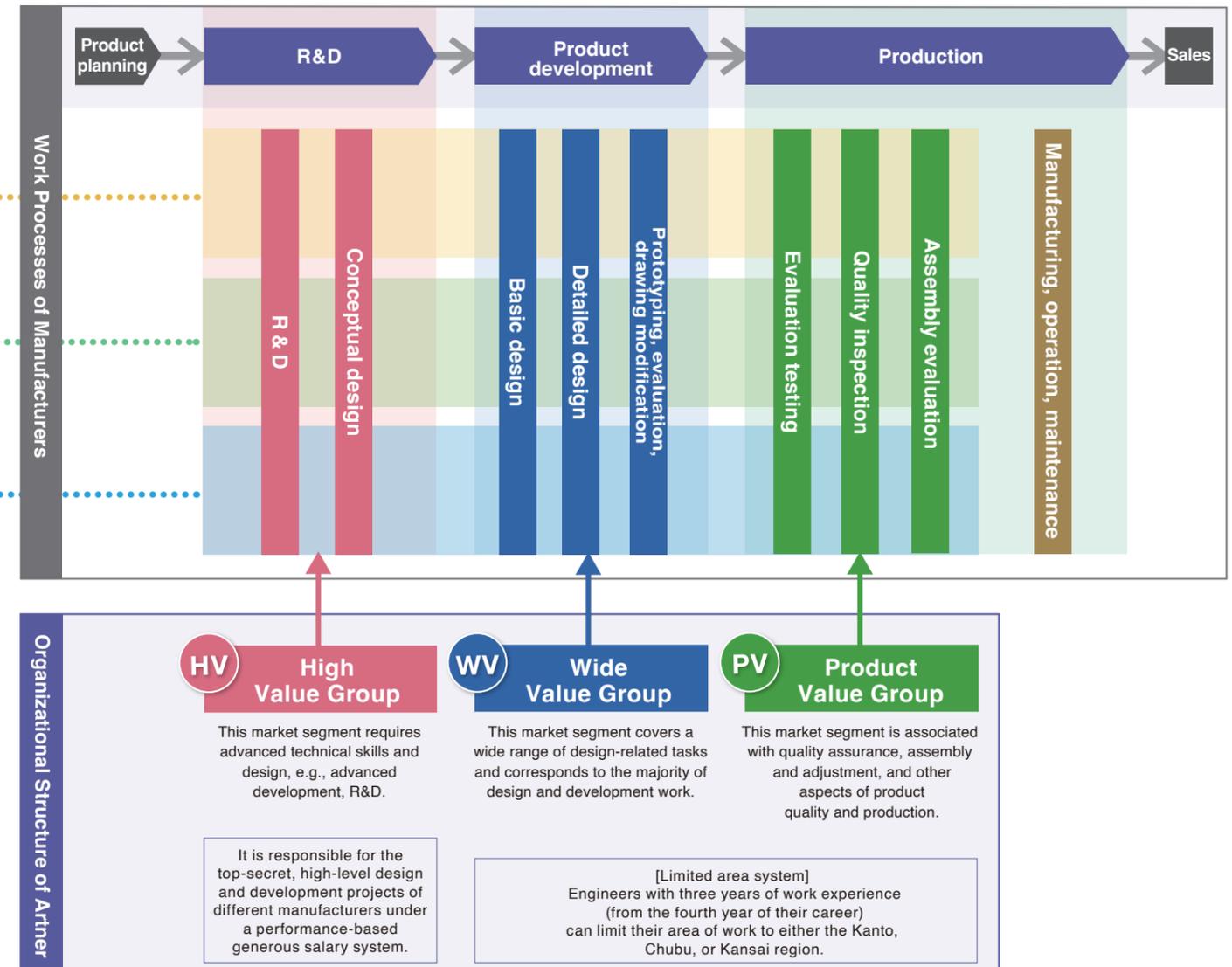
In response to our clients' evolving needs due to changing industrial structures, and to the expanding and diversifying business areas in manufacturing processes, Artner implements strategies stratified into three market categories: "High Value," "Wide Value," and "Product Value."

Under this arrangement, we recruit and train talent suited to the market, and supply engineers with a high match rate to our clients.



#### Artner's Technology Fields

<p><b>Software</b></p> <p>Software engineers develop software to be embedded in IoT devices and application software for network systems.</p>  <p><b>[Embedded]</b> Software development for control systems to be embedded in machinery and equipment.</p> <p><b>[IT solution]</b> Software development for network systems to be used with PCs, tablet devices, and servers.</p> <p><b>[Model-based]</b> Upstream processes such as preliminary research based on models as well as requirement definition and design during the development phase in new development projects.</p>
<p><b>Electronics</b></p> <p>Electronic engineers design the circuit boards that form the heart of equipment and devices and they conduct reliability assessments of such systems.</p>  <p><b>[Electrical equipment]</b> Electrical design, production facilities, and relevant technologies.</p> <p><b>[Electronic circuits]</b> Electronic circuit design for printed circuit boards.</p> <p><b>[Electronic devices]</b> Development of integrated circuits and individual electronic devices, and design of peripheral circuits.</p>
<p><b>Machinery</b></p> <p>Mechanical engineers design the mechanisms of machines with moving parts using 2D/3D CAD tools.</p>  <p><b>[Drive systems]</b> Development of mechanisms for generating, converting, storing, and transmitting energy.</p> <p><b>[Mechanisms]</b> Development of mechanisms for production facilities and equipment.</p> <p><b>[Structures and materials]</b> Design of products in various formats, formulation of structures and housings, and development of new materials.</p>

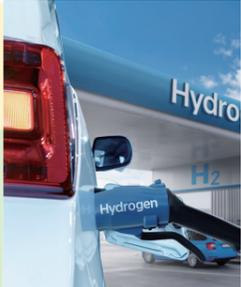
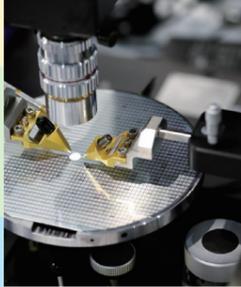


## Business Fields / Business Model

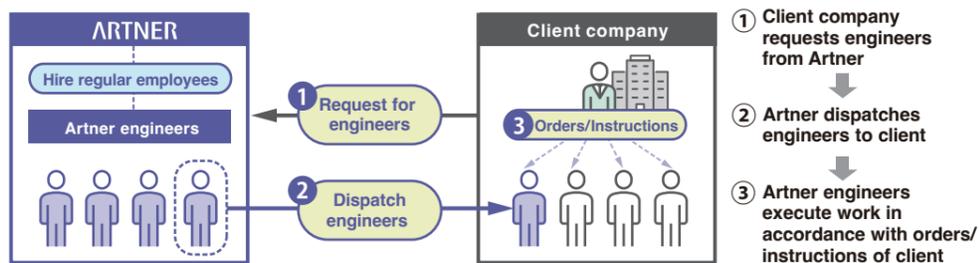
### Business Fields (by Project)

Artner's business spans a wide range of fields, and we provide technical services for various products.

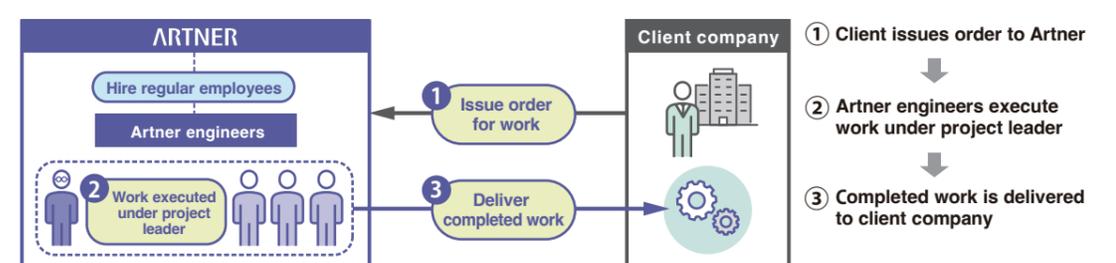
- Software
- Electronics
- Machinery
- High Value Group
- Wide Value Group
- Product Value Group

<p><b>Electric Vehicles (EVs)</b></p> <ul style="list-style-type: none"> <li>Development of brake control system</li> <li>Analysis of motors and inverters</li> <li>Safety evaluation of automotive batteries</li> <li>Development of eco car chargers</li> <li>Development of drive motors</li> </ul>		<p><b>Fuel Cell Vehicles (FCVs)</b></p> <ul style="list-style-type: none"> <li>R&amp;D of hydrogen station system</li> <li>R&amp;D of energy system</li> <li>Analysis of basic performance of fuel cells</li> <li>R&amp;D of hydrogen safety</li> <li>R&amp;D of next-generation fuel cells</li> </ul>		<p><b>Automobiles</b></p> <ul style="list-style-type: none"> <li>Design of control software for electric power steering</li> <li>System testing using HILS</li> <li>Development of in-house tools (RPA)</li> <li>Design of circuits for automobile meters and HUDs</li> <li>Design of wire harness circuits</li> <li>ECU evaluation and prototyping</li> <li>Design of vehicle bodies and door</li> <li>Quality inspection of auto parts</li> </ul>		<p><b>Medical Devices</b></p> <ul style="list-style-type: none"> <li>Development of control software for X-ray diagnostic equipment</li> <li>Evaluation of medical system</li> <li>Verification of medical device components and data collection</li> <li>Electrical circuit design for medical devices</li> <li>EMC evaluation of X-ray diagnostic equipment</li> <li>R&amp;D of high-performance catheters</li> <li>Improvement of blood transfusion and infusion sets, design of next set</li> </ul>	
<p><b>Hybrid Vehicles (HVs)</b></p> <ul style="list-style-type: none"> <li>Development of power unit functions</li> <li>Design and development of control systems</li> <li>Design of hybrid systems</li> <li>R&amp;D related to next-generation HV batteries</li> <li>In-vehicle testing and evaluation of HV transmissions</li> </ul>		<p><b>Automated</b></p> <ul style="list-style-type: none"> <li>Software design and development for AD/ADAS</li> <li>Development of AI-based detection systems</li> <li>Advance development of automatic perimeter monitoring system using camera images</li> <li>Development of parking assist system (e.g., automatic braking, accelerator control)</li> <li>Development of lane keeping assist (e.g., steering assistance)</li> </ul>		<p><b>Aerospace Machinery</b></p> <ul style="list-style-type: none"> <li>Development of applications for satellite ground systems</li> <li>Detailed design of onboard satellite equipment</li> <li>Aircraft strength analysis</li> </ul>		<p><b>Motorcycle</b></p> <ul style="list-style-type: none"> <li>Software design for motorcycle ECU</li> <li>Vehicle testing in motorcycle R&amp;D</li> <li>Design and development of motorcycle clutches</li> </ul>	
<p><b>Semiconductors</b></p> <ul style="list-style-type: none"> <li>Software development and control unit development for semiconductor lithography equipment</li> <li>Development of temperature controller for semiconductor lithography equipment (enclosure concept, basic design)</li> <li>Circuit design for semiconductor lithography equipment, Development of image processing systems</li> <li>Measurement, analysis, control, and evaluation of LCD lithography equipment</li> </ul>		<p><b>Racing Cars</b></p> <ul style="list-style-type: none"> <li>Driving test and analysis</li> <li>Development in the engine domain</li> <li>Design and development of chassis, suspension, and underbody components</li> </ul>		<p><b>Home Electronics</b></p> <ul style="list-style-type: none"> <li>Development of software for home appliances</li> <li>System testing for home appliances</li> <li>Prototyping, evaluation, and analysis of smartphone circuit boards</li> <li>Development of AV equipment</li> <li>Design and development of home appliances (enclosure design, structural design)</li> </ul>		<p><b>Industrial Equipment</b></p> <ul style="list-style-type: none"> <li>Development of control software for industrial equipment</li> <li>Development of service tools using IoT devices</li> <li>Analysis of electron microscopes and related equipment</li> <li>Design of hygiene product manufacturing equipment</li> <li>Design and development of mechanisms for production facilities</li> </ul>	

### Business Model (Engineer Dispatching Business)



### Business Model (Contracting Business)



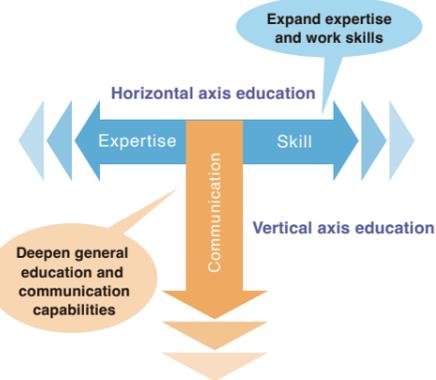
## Education and Training

### Education and Training Policy

#### T-shaped Specialist Education System

In this system, the horizontal axis represents specialized knowledge and work skills, and the vertical axis represents general education and communication capabilities.

By introducing this unique training system, Artner has established an effective approach to improving the skills of each and every engineer. We also provide support for new employees and workers with little or no experience to participate in preliminary development projects at an early stage and to shift their careers to growing industry fields.



### Education and Training Flow

After entering the Company, employees undergo a process of “general training,” “outside on-the-job training,” “basic training,” and “customized training (practical training)” before their assignment to a manufacturer’s project. After being assigned, employees take the “career support courses” to develop their ability to provide services tailored to our clients.



### New Employee Training

#### General training

Participants learn business manners, general mindset as a member of the workforce, and all kinds of knowledge about Artner.

#### Basic Training

New employees acquire the basic knowledge and skills for design and development, which is a requirement as the first step for engineers. This will help them solidify a technical foundation that can be applied to any type of engineering work.



#### Outside on-the-job training

Trainees are provided with hands-on experience at actual manufacturing facilities to speed up the learning process.

#### Customized Training

This training focuses on specific client company operations to provide theme-based education that matches the needs of each workplace. While gaining hands-on experience in design and development processes, the trainees will acquire a wide range of necessary technical skills, from basic to application.



### Other Types of Training

#### Career support courses

To meet the skill requirements of the manufacturers to which our engineers are dispatched, courses for different jobs and career levels are offered.

#### Follow-up training (check work status)

Regular interviews with new employees are carried out to follow-up their work and daily life, providing guidance and support.

#### Individual interviews (check skills)

Regular interviews with engineers are carried out to check their skills and provide guidance.

#### Skill development seminars (improve human skills)

Seminars are held by inviting lecturers from various fields to help engineers acquire a wide range of knowledge and develop their human skills, not limited to specific technical areas.

#### Promotion of qualification acquisition (improve expertise)

We promote the acquisition of various qualifications to improve our employees’ professional skills. Course fees and qualification allowances are compensated for those who have passed the exams.

#### Mental health care

Dedicated counselors are available 24/7 to help engineers deal with various problems they are faced with.

#### Manager training

Human development training is provided for directors, managers, and chiefs to further improve their human skills as managers.

### Industry-academia collaboration

Deepening industry-academia collaboration by combining universities’ advanced technologies and Artner’s practical skills.

#### Lectures at Universities

Our training staff give practical lectures at universities as part-time lecturers and seminar lecturers.



#### Published Educational Materials

With the cooperation of companies and universities, we have compiled our accumulated training expertise in “machinery,” “resin and sheet metal,” “electronics and software,” and “semiconductors” into books, which are utilized in our education and training programs.



#### Collaboration with Academic Societies and Organizations

We present papers at affiliated academic societies and organizations. We are deepening our friendship with members of universities.

#### Skill Development Papers

Our training systems and outputs are made available as papers to educational and business professionals. The papers are used for developing a wide range of human resources.



## Sustainability / Purpose / Company Motto / Management Philosophy

### Sustainability

#### Basic Sustainability Policy

Cultivating people	To foster engineers to support manufacturing industries.
Employee happiness	To provide a workplace environment that makes the work of all employees meaningful and fulfilling.
Corporate governance	To sustain and develop positive relationships with all stakeholders, while strictly abiding by all applicable laws and regulations.
Contributing to society	To make a positive contribution to society through business, to help build a better and more prosperous world.

#### Initiatives for Achieving SDGs

Through our business activities, we aim to help resolve social problems, thereby contributing to the realization of the global Sustainable Development Goals (SDGs).



#### Human Rights Policy

As we develop the talent business, we consider it vital to give various considerations to all employees who are our "talent." We conduct ongoing training to familiarize all employees with our approach to human rights and raise their awareness of human rights.

#### Certified Outstanding Organization of KENKO Investment for Health

We have been promoting health and productivity management based on our declaration, and our efforts are being recognized by external organizations.

#### Participation in Initiatives

The Task Force on Climate-related Financial Disclosures (TCFD)



United Nations Global Compact



#### Programming Classes for Elementary School Students

As part of our efforts to develop programmer thinking skills, we hold programming classes for elementary school students and will continue to offer programming education.

### Compliance

#### Stock Listing on the Prime Market of the Tokyo Stock Exchange

The Company's qualifications for listing approval, such as "continuity," "profitability," and "soundness," have been examined by the Tokyo Stock Exchange. After being listed, the Company discloses corporate information and undergoes third-party scrutiny. As a listed company, we are fully aware of our social responsibilities and are committed to enhancing our compliance framework.



#### PrivacyMark Acquisition

We are committed to properly managing personal information, confidential information, and all other information obtained in the course of our business operations.



### Purpose

#### Support the growth and self-actualization of engineers, who are Japan's world-class assets.

For resource-poor Japan, its engineers are assets, of which we can boast to the world. Artner is a platform that supports the growth and self-actualization of engineers. Artner nurtures engineers not only as assets of Artner, but also as shared assets of Japan.

Amid a rapidly changing work environment and mindset, attributed to the fluidity of talents and various diversity initiatives, Artner is committed to promoting the happiness of working engineers to create "a new way of life" for them.

### Company Motto

#### Pursuit of Mindset Pursuit of Wisdom Pursuit of Creativity

Whenever you must make a firm decision on which path to take, always stay calm and make sure to return to the basics, no matter what you are faced with.

### Management Philosophy

#### "Engineer Support Company"

— We support our engineers' dreams —

We aim for the happiness of all the employees and reflection within the company by developing talents, fostering technologies, and contributing to society through our engineers.

*"We put our specific meanings into these words. Happiness represents the idea that people will become happy by acting on their own initiative, rather than waiting for something to be offered. Reflection is the idea that, by illuminating and shining on each other, we will create a culture of promoting reflective prosperity."*

### Origin of the Company Name

Beyond the narrow sense of the word, we see design as an "Art (technology in general)" that enables the pursuit of superior quality, as we continue to deliver as a reliable "Partner" that responds to customer trust.

