



**2021**

Corporate Social Responsibility Report

# About This Report

## Report Time

This report is the third corporate social responsibility report issued by Guangzhou Shiyuan Electronic Technology Company Limited ("CVTE", the "Company" or "We") to its stakeholders. The reporting information and performance cover the period from January 1, 2021 to December 31, 2021. Part of the information and performance may refer to the policies and strategies of previous years or 2022.

## Report Scope

The report discloses information on the economic, social and environmental responsibilities of CVTE and its subsidiaries.

## Source of Information

The information and data disclosed in this report is derived from the internal official document, statistical report and annual report of Guangzhou Shiyuan Electronic Technology Company Limited. The financial data in this report are all denominated in RMB. Should there be any discrepancy between this report and the financial report, the latter shall prevail.

## Preparation Basis

- China National Standard GB/T 36000 - 2015 Guidelines on the Preparation of Social Responsibility Reports
- Guidelines on Preparation of Social Responsibility Reports for Chinese Enterprises (CASS-CSR 4.0) by Chinese Academy of Social Sciences
- Guiding Opinions on Better Fulfillment of Social Responsibility by State-owned Enterprises by State-owned Assets Supervision and Administration Commission of the State Council
- The United Nations Sustainable Development Goals (SDGs) for 2030
- ISO 26000: Guidelines on Social Responsibility (2010) by International Organization for Standardization
- The GRI Sustainability Reporting Standards (GRI Standards) by the Global Sustainability Standard Board
- Self-regulatory Guidelines of Shenzhen Stock Exchange for Listed Companies No. 1 - Standardized Operation of Main Board-Listed Companies by Shenzhen Stock Exchange

## Report Form

The electronic version is available for review at the official website of the Company (<http://www.cvte.com>) and Cninfo (<http://www.cninfo.com.cn>).

# Content

02 Message from the CEO

62 Key Performance

65 Feedback

04 Economic Responsibility: Building "Intelligent" Manufacturing Base to Advance Industrial Development

63 Index of Indicators



## 06 Long-term and Stable Operations

## 26 Responsible Products Driven by Innovation

## 34 Join Hands and Seek Shared Development

About CVTE	08
Compliant Operation	16
Risk Management and Internal Control	18
Intellectual Property Protection	22
Anti-Corruption	23

Technological Innovation	28
Quality Control	30
Industry Seminars	31

Customer Service and Communication	36
Transparent Procurement	41



## 42 Care for Employees in a People-Oriented Manner

## 50 Green-Oriented Environmental Governance

## 56 Spreading Love and Giving Back to the Society

Recruitment of Employees	44
Growth of Employees	44
Care for Employees	46

Green R&D	52
Green Operation	53
Green Management	55

Public Welfare	58
Rural Revitalization	59
Fighting the Pandemic Together	61

# Message from the CEO



CEO

王洋

In 2021, in view of the challenging market environment with ongoing COVID-19 pandemic worldwide and increasing international economic frictions, the supply chain security has become more and more important. CVTE has risen to the challenges and maximize the value for its customers through continuous innovation in products and services while striving to ensure continuous and stable delivery to customers.

During this year, CVTE continued to increase investment in research and development to promote industrial development; further researched intelligent products to practice green low-carbon economy; adhered to openness and cooperation to achieve shared benefits for the upstream and downstream of the industry chain; deeply engaged in education development, rural revitalization, pandemic and disaster relief and other social welfare activities, and unswervingly practiced the corporate mission of "As a result of our existence, more people will be able to have a successful career and a happy life".

During this special period, CVTE maintained a healthy development with good momentum through the hard efforts of all its employees, with its overall operations in line with expectations, achieving win-win growth amidst difficulties. We would like to express our sincere gratitude to our global customers, partners and the community for their trust, support and assistance.

## Innovation-driven development in technology industry

Since its incorporation, CVTE has defined the development principle of "guided by science and technology and driven by innovation". Under this principle, we attached great importance to technological innovation and R&D investment by constantly strengthening our own innovation and research capabilities to drive product upgrades and iterations, and vigorously explored new technology development direction. The Company has established the CVTE Research and the CVTE Engineering, which were composed of senior doctors and experts at home and abroad and focused on forward-looking research and advanced engineering technology research. So far, a number of research results of the CVTE Research and the CVTE Engineering have ranked in the forefront of the industry and been applied to our education, corporate service and other practical scenarios, which strengthened the comprehensive competitiveness of our products. In 2021, the Company had more than 2,000 new patent applications, of which 43% are invention patents, and was awarded the Top 100 Leading Enterprises in China's Strategic Emerging Industries, Top 50 Innovative Private Enterprises in Guangzhou and Leading Enterprise in Commercial Display Industry and so on.

As one of the first national startups and innovation bases, CVTE is pursuing diversified development. In June 2021, the Company issued the Management Measures of Guangzhou Shiyuan Electronic Technology Company Limited on Supporting Innovation and Startups, which accelerated the pace of support for innovation and startups. The Company further incubated several industries such as computing devices and services, power electronics and robotics, and made technological breakthroughs in perceptual intelligence, cognitive intelligence and materials based on industry scenarios, ultimately empowering industry development. CVTE is committed to becoming a leading and respectable technology company in the world and making its contribution to the development of the technology industry in China.

## Refined products to serve the digital economy and practice low-carbon development

In recent years, the digital economy has become an important engine that leads global economic and social changes and promotes the high-quality development of our economy. The COVID-19 pandemic has constantly and profoundly changed people's work and lifestyle. Online office, online teaching and even online medical treatment have gradually become the norm, accelerating the process of transformation of human society from the physical world to the digital world. CVTE has always been committed to the exploration of cutting-edge technology and contributing to the development of the digital economy through refining its products.

By the end of 2021, based on the interactive smart panel and through the synergy of related digital products, seewo has digitally upgraded 2.6 million classrooms and improved the level of multimedia teaching equipment in general classrooms; developed a series of digital classroom applications and management applications around the scenarios of teaching, learning, management and evaluation, and helped over 7 million teachers improve their literacy and ability of digital applications. Focusing on intelligent collaboration, MAXHUB is committed to improving the efficiency of corporate conference, office collaboration and digital operation, facilitating digital transformation of more than 300,000 meeting rooms.

Along with digitalization and intelligence comes green, low-carbon and sustainable development. For example, in 2021, the Company further improved its product performance in terms of vibration and noise reduction, energy saving and consumption reduction through continuous investment and in-depth research on its in-house inverter control algorithm, empowering more appliance products. As for materials research, the Company developed a conductive, antibacterial and chemically resistant composite material that can be used to replace the original metal material, further enhancing product preparation efficiency and reducing material costs and energy consumption. As for the display business, the Company created energy-saving and environment-friendly products through R&D design innovation and developed new system architecture and split power supply design, optimizing product scalability and reducing power consumption. As for corporate services, MAXHUB, with continuous innovation and iteration, also helped countless enterprises improve meeting efficiency, output high-quality solutions for enterprise teleconferencing, and reduce resource loss and travel energy consumption of enterprises.

By upholding the concept of low carbon development, CVTE strived to contribute to the national goal of "peaking carbon dioxide emissions by 2030 and achieving carbon neutrality by 2060".

## Openness and cooperation to promote the common development of upstream and downstream enterprises in the industry chain

With the current global economic slowdown and industrial structure upgrade, we always believe that openness and cooperation is an essential element to promote the common prosperity and development of upstream and downstream enterprises in the industry chain, and only through openness and cooperation and win-win development can we promote the sustainable and healthy development of the overall industry.

In 2021, CVTE endeavored to create co-existing and all-win good industrial environment. On the one hand, the Company further

improved the supplier management system from supplier introduction, empowerment, evaluation to incentive, helping suppliers grow continuously through cooperation and making the parties jointly exist, flourish and go forward hand in hand; on the other hand, the Company proactively integrated resources to overcome the difficulties during the pandemic and resume work and production, ensuring business continuity and timely and high-quality delivery to downstream customers and promoting the sustainable and steady development of their business.

## Giving back to the society with our original aspiration in mind

The Company always adheres to experience sharing, while being unswervingly committed to giving back to the community. During the year, the Company was proactively involved in rural revitalization, charity and poverty alleviation through education to make a due contribution to the common construction of harmonious society.

Education is an indispensable pillar of our national rapid development. In 2021, CVTE continued to deepen the integration of industry and education charity by building more than 200 remote classrooms in 156 regions and informatizing the education of nearly 18,000 teachers and 276,000 students through "seewo Public Welfare Campaign". During the prevention and control of COVID-19, seewo served nearly 400,000 teachers for free by providing information-based tools for them to carry out online teaching, and benefited over ten millions of students through over 3.3 million hours of online courses.

In 2021, CVTE's health management center arranged nearly 10,000 medical checkups for employees and their families, including early detecting and treating 80 tumors and precancerous lesions that contributed to the happy lives of these families; proactively carried out community charity activities by organizing employees to donate 74,600ml of blood with the total amount of blood donations amounting to 650,500ml; and supported the pandemic prevention and fight efforts by completing nearly 40,000 nucleic acid tests and vaccinating nearly 20,000 persons.

Looking back, we accumulated strength for further growth. Looking ahead, we will make sufficient preparations for any challenges. We recognize that a great cause is achieved through hard work. We will always adhere to openness, cooperation, co-creation and win-win, and work together with global partners to promote technological progress and industrial development, create greater value for customers and society through digitalization, intelligent upgrade and green energy saving and emission reduction, and make due contributions to the sustainable and healthy development of the national economy.

## Economic responsibility

# Building "intelligent" manufacturing base to advance industrial development

### Digital Economy with no Fear of Pandemic

In recent years, the digital economy has become a vital driver for global economic development, and developing digital economy has become a major strategic choice for global countries to grasp new opportunities brought by technological and industrial changes. With the sudden outbreak of the COVID-19 pandemic, the digital economy demonstrated strong development resilience and impact resistance globally, achieving counter-trend growth. Among them, the rigid demand for remote communication and exchange scenarios such as teleconferencing and tele-education has been growing rapidly under the advocacy of social isolation in various countries, and the industry ushers in a great opportunity for rapidly expanding the market. According to Discien's 2021Q4 Global IFPD Market Research Report, China's shipments in interactive smart panels reached 1,723,000 units in 2021, an increase of 18.42% year-on-year; and the shipments in overseas grew rapidly to 1,306,000 units, an increase of 81.39% year-on-year. With the declining cost of large-size panels and the continuous development of 5G + AIoT era, the interactive smart panels will boast an irreplaceable advantage for a period of time.

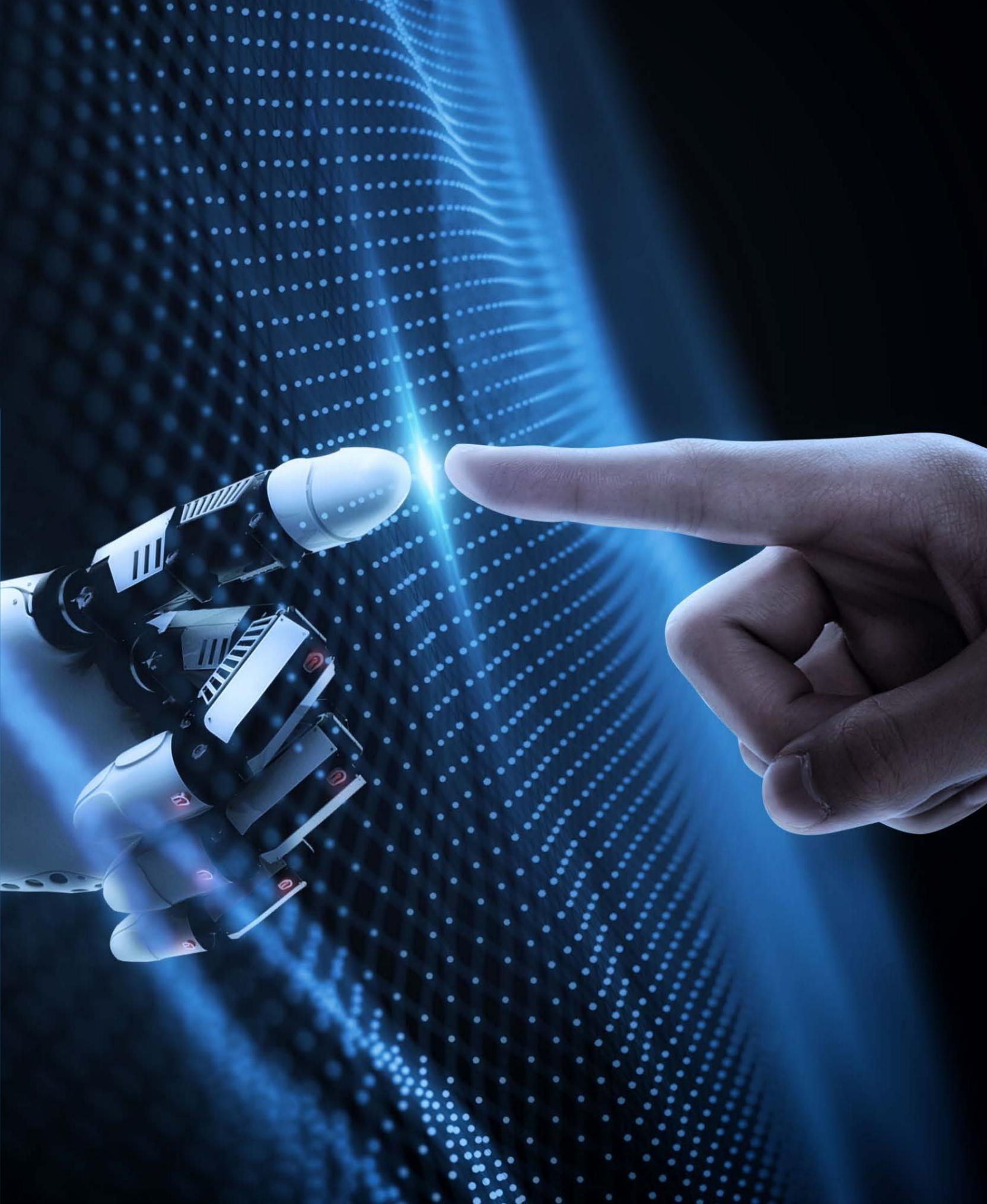
### The Trend of "Smart" Manufacturing Power

On April 4, 2021, the Ministry of Industry and Information Technology of the PRC issued the 14th Five-Year Plan on the Development of Smart Manufacturing (draft for comment), which proposed that smart manufacturing is the main direction of a manufacturing power. As a major pioneer for domestic interactive smart panels, the Company has topped China's interactive smart panel industry in terms of market share for 10 consecutive years, and will shoulder its heavy responsibility of "digital popularization and intelligent transformation".

### Non-public Offering assists the project construction

In 2021, the Company launched the interactive intelligent display control products intelligent manufacturing base project with a proposed investment of more than RMB2 billion and will raise project funds through non-public issue of A shares on the capital market. Currently, the non-public issue of shares has been approved by China Securities Regulatory Commission. Through the intelligent manufacturing base, the Company will build a benchmark production line to improve the overall manufacturing capacity and expand its competitive advantage. Meanwhile, through the advanced intelligent manufacturing line, the Company will further improve its quality control capability to meet the stringent requirements of customers, especially certain overseas customers, for advanced production line and product quality control, so as to further enhance brand value and customer adhesion and expand its competitive advantage in overseas markets. Through the newly established pilot and mass production lines for components and complete machines and related R&D facilities such as laboratories and pilot plants, the Company will realize flexible and intelligent manufacturing that can be quickly switched between multiple batches and enhance the ability to transform the industrial results of the whole chain from R&D to mass production, so as to promote the rapid development of its business, stabilize its leading position in the industry and improve its global competitiveness.





# Long-term and Stable Operations

### Concept

CVTE always abides by business ethics, constantly improves its corporate governance structure, continuously enhances its corporate governance, promotes the development of compliance management system, regulates the risk management mechanism and internal control system, strengthens its ability to resist risks, ensures the clean and efficient operation of the Company and establishes a sound investor communication mechanism in order to achieve sustainable development of the Company.

### Our actions

- About CVTE
- Operation compliance
- Risk management and internal control
- Intellectual property protection
- Anti-corruption

# Section I About CVTE

## Company Profile

Guangzhou Shiyuan Electronic Technology Company Limited was established in December 2005. Currently, it mainly engages in the design, R&D and sales of LCD main control boards and interactive smart panels and other display and control products, which have been widely used in household appliances, education information technology, enterprise services, etc. CVTE has been committed to improving the user experience through product innovation, R&D and design, creating value for customers continuously. Since its incorporation, the Company has promoted technical innovation and product development facing multiple application scenarios. Thanks to its experience of hardware and software technology in the fields of audio and video technology, signal processing, power management, human-machine interaction, application development,

system integration and other electronic products, it has achieved a leading position in the niche market through product and resource integration and established a number of well-known brands in the industry, such as seewo, a provider of educational information technology application tools and services, and MAXHUB, an intelligent collaboration platform.

As a high-tech enterprise, the Company attaches great importance to investment in R&D and innovation as well as protection of core technologies. As of December 31, 2021, the Company had over 6,700 granted patents and ranked 12th among the Top 500 Listed Companies in China (Shanghai Stock Exchange and Shenzhen Stock Exchange A-share markets) in Terms of Patent Strength in 2021. Besides, the Company owned a number of comprehensive laboratories such as

hardware performance laboratory, chemical laboratory and reliability laboratory with nearly RMB100 million-investment in equipment, which provided the industry's leading environment and platform for its technological research and development and technological innovation.

After more than a decade of development, with excellent product quality and social responsibility, CVTE has been recognized and trusted by many institutes and consumers at home and abroad. As one of the startups and innovation pilot enterprises in the national manufacturing industry and national technology innovation demonstration enterprise, CVTE is constantly making progress and innovating with keen determination to march forward to a technology powerhouse.



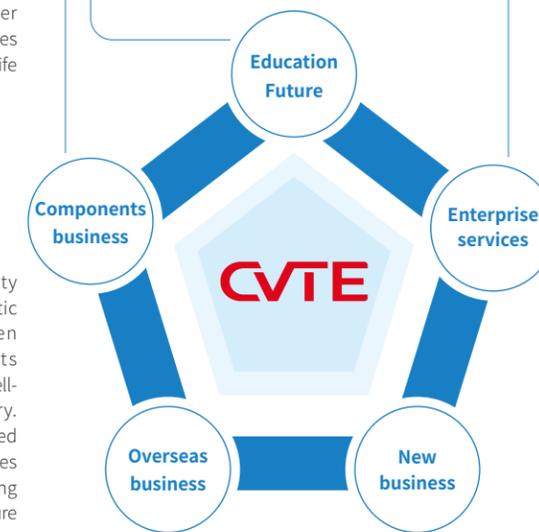
## Business Composition

It mainly contains LCD main control boards, which carry important functions such as display driver, signal processing, control circuit, power management, system menu, and core applications. Meanwhile, relying on years of technology accumulation, supply chain management and scale advantages in display, driver and power supply, the Company further explored new business development directions, such as supporting products such as power supply modules and IoT modules required for LCD TVs, as well as solutions such as inverter controller, intelligent display modules and human-machine interaction for life appliance products.

By virtue of the product capability and good reputation in the domestic business, the Company has been exporting high-quality products overseas and providing services for well-known brands in the global industry. Currently, the Company has expanded the education and enterprise services markets with main products including interactive smart panel, commercial pure display, UC audio and video, etc.

Seewo, positioned as a provider of application tools and services for education informatization, is committed to providing education workers with professional application tools for education informatization, cutting-edge theoretical research results in education informatization, and regular application training services in education information technology. seewo focused on classroom services on teachers, classrooms and teaching. By combining digital technologies such as communication, big data, Internet of Things, artificial intelligence, etc., the Company accumulated and precipitated experience and resources, upgraded the product system, improved user experience and presented value in the process and details, and continued to expand the markets in early childhood education and higher vocational education while deeply engaged in the public school market of primary and secondary schools (K12), building fully connected intelligent teaching for different school age groups and different scenarios.

Focusing on the mission of "stimulating efficient power", MAXHUB is committed to improving the efficiency of enterprise meetings, office collaboration and digital operation to facilitate the digital transformation of enterprises. Relying on interactive intelligent conference panel, digital signage, audio and video conferencing terminal and other personal office terminals, MAXHUB strives to create an intelligent office collaboration platform for users in various industries such as finance, technology, real estate, consulting and government affairs, based on the application of intelligent collaboration platform and equipped with conference management system, teleconferencing system, environment management system, cloud screen information sending system and centralized control system, etc.



The Company expanded upstream and downstream and related businesses around its main business to seek new growth points for its medium and long-term development, and continued to expand the field of LED, computing equipment and services, power electronics, robotics and other sectors.

## Development strategy

Adhering to the corporate mission of "As a result of our existence, more people will be able to have a successful career and a happy life." the Company focuses on improving the human's life quality and productivity through technology, product and service innovation.

The Company has leveraged its years of technological precipitation and resource advantages in R&D, supply chain, marketing and service to consolidate its position as a global leader in LCD main control boards and interactive smart panels, and continued to expand into new industries and sectors to develop into a globally respected technology company.

## Milestones

2006

Shiyuan Electronic convened the Chinese LCD TV Industrial Seminar, which promoted the popularization of LCD TV in China.

2008

Shiyuan Electronic established a subsidiary — Shirui Electronic Technology, and introduced the first self-owned brand "seewo".

2009

The First Industrial Park of Shiyuan Electronic (No.192 Kezhu Road, Science City, Guangzhou) was built and put into operation.

2011

"Seewo" honorably won the title of one of the "ten new prominent brands" in the education industry.

2012

**In January**, Shirui Electronic Technology became the vice-chairman unit of the Guangdong Educational Instrument Equipment Association.

**In March**, Shirui Electronic Technology participated in the preparation of the national standard Specifications for Constructing Multimedia Education Environment, a standard issued by Ministry of Education.

2013

"Seewo" passed the famous trademark certification of Guangzhou.

2014

"ShiYuan" passed the famous trademark certification of Guangzhou.

2018

**In January**, CVTE's subsidiary in India was established.

**In February**, CVTE acquired 51% of the equity of Shanghai Goodview Electronic Co., Ltd.

**In June**, CVTE and Sun Yat-Sen University jointly published the paper titled Image Blind Denoising of Conditional Generative Adversarial Network Noise Modeling, which was selected into CVPR (Computer Vision and Pattern Recognition).

**In June**, the Third Industrial Park of CVTE was built with a planned floor area of 58,000 square meters.

**In July**, MAXHUB issued X3 series products in Guangzhou.

2017

**In January**, CVTE was listed on the SME board of Shenzhen Stock Exchange (having merged with the main board in 2021) with a stock code of 002841.

**In February**, CVTE passed the certification of "the first enterprise having over a thousand patent applications in a year in Guangzhou".

**In March**, CVTE issued the self-owned brand intelligent cooperation platform of "MAXHUB" in China National Convention Center.

**In June**, CVTE passed the certification for provincial enterprise technological center.

2016

**In May**, "seewo" passed the famous trademark certification of Guangdong.

**In July**, seewo launched the seewo Public Welfare Campaign.

**In October**, CVTE passed the first batch of provincial startups and innovation demonstration base (key enterprise demonstration base) certification.

2015

**In January**, "ShiYuan" passed the famous trademark certification of Guangdong.

**In August**, the Second Industrial Park of CVTE (No.6 Yunpu No.4 Road, Huangpu District, Guangzhou) was built with a planned floor area of 62,000 square meters.

**In October**, "seewo" issued the brand new brand logo.

2019

**In January**, CVTE acquired 51% of equity of Qstech Co., Ltd.

**In June**, CVTE was among the Top 500 enterprises of China by the Fortune.

**In October**, on the 27th ACM International Conference on Multimedia, CVTE Research had two papers (1 Full Paper and 1 Challenge Paper) collected by the conference and was invited to make an interpretation report in France.

2020

**In January**, CVTE was approved to be a national enterprise technology center.

**In March**, seewo interactive smart panel and smart blackboard series products passed VICO test and ranked level A.

**In October**, CVTE was selected as a 2020 national technological innovation demonstration enterprise.

**In November**, CVTE was approved to establish a post-doctoral scientific research workstation.

2021

**In February**, "seewo" won the "2020 Responsible Brand Award", "2020 Public Welfare Project Award" and "2020 Public Welfare Image Award".

**In March**, CVTE was awarded "China Top 100 Strategic Emerging Industry Leading Enterprises".

**In March**, CVTE topped the list of "Top 50 Innovative Private Enterprises in Guangzhou".

**In May**, "seewo" entered into a strategic partnership with the UNESCO Centre for Innovation in Higher Education.

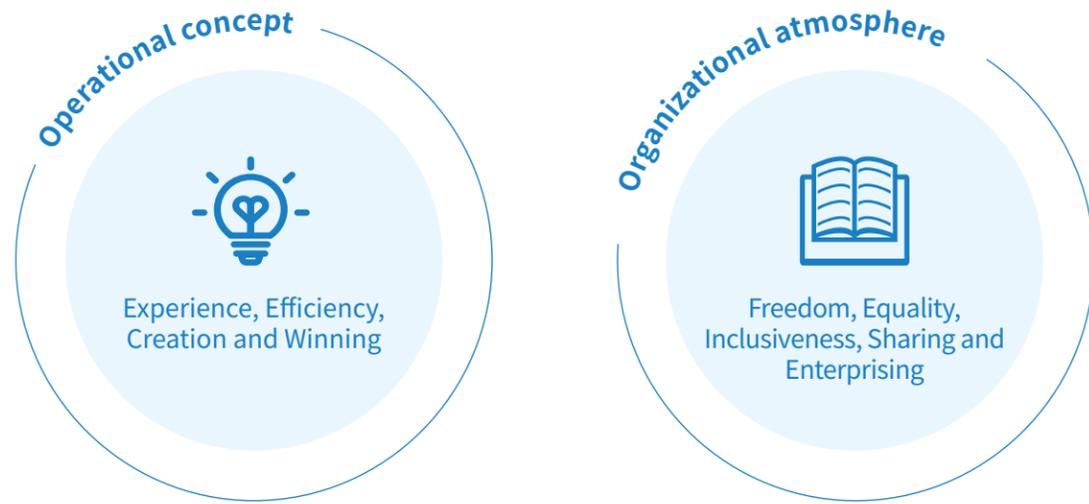
**In September**, CVTE's Hefei Industrial Park was built with a planned floor area of 48,000 square meters.

**In October**, MAXHUB was awarded the "Leading Enterprise in Commercial Display Industry".

**In November**, CVTE won five patent awards, including one Guangdong Patent Gold Award, one Guangdong Patent Silver Award, two China Patent Excellence Awards, and one Guangdong Patent Excellence Award. Meanwhile, MAXHUB was awarded the "Archived Brand" by CCTV China Brand Archive.

**In December**, MAXHUB was awarded the "People's Ingenuity Product Award" by people.com.cn and Shizhen Technology was awarded the "2021 Technology Corporate Social Responsibility Award".

## Corporate Culture



## Sustainable Management

### Analysis of substantive issues

Through thorough identification and evaluation, CVTE has identified substantive issues that have significant impact on the Company and our stakeholders, determined key priorities in four major areas of corporate governance, economic responsibility, environmental responsibility and social responsibility based on its actual operation and management, implemented relevant work during the year and gradually improved its sustainable development management and practice.



## Stakeholders Engagement

To better plan and practice our sustainable development strategy, we have proactively promoted two-way, transparent and regular communication to establish a close relationship with our stakeholders, so as to ensure the co-existence of the key sustainable issues of concern to each stakeholder and the economic benefits and operation and production and strengthen mutual trust and respect between us and our stakeholders.

Stakeholders	Expectations and appeals	Communication and response
<b>Shareholders and investors</b>	<ul style="list-style-type: none"> <li>Return on investment</li> <li>Sustainable profitability</li> <li>Protection of rights and interests</li> <li>Regulating governance</li> </ul>	<ul style="list-style-type: none"> <li>General meetings of shareholders</li> <li>Performance presentation</li> <li>Information disclosure</li> <li>Survey on visitors</li> <li>Profitability</li> </ul>
<b>Government</b>	<ul style="list-style-type: none"> <li>Law-abiding operation</li> <li>Paying taxes according to law</li> <li>Promoting employment</li> <li>Responding to policies</li> </ul>	<ul style="list-style-type: none"> <li>Accepting supervision</li> <li>Information reporting</li> <li>Government-enterprise cooperation</li> <li>Undertaking social responsibility</li> </ul>
<b>Employees</b>	<ul style="list-style-type: none"> <li>Legal rights</li> <li>Development platform</li> <li>Good benefits</li> <li>Healthy environment</li> </ul>	<ul style="list-style-type: none"> <li>Equal promotion opportunities</li> <li>Career training path</li> <li>Salary guarantee</li> <li>Diversified benefits</li> <li>Health and safety management</li> <li>Equal communication and complaint mechanism</li> </ul>
<b>Customers</b>	<ul style="list-style-type: none"> <li>Integrity in performance</li> <li>Quality service</li> <li>Information security</li> <li>Protection of rights and interests</li> </ul>	<ul style="list-style-type: none"> <li>Responsible operations</li> <li>Products, high quality services</li> <li>Customer satisfaction survey</li> <li>Customer privacy protection</li> </ul>
<b>Suppliers</b>	<ul style="list-style-type: none"> <li>Open and fair procurement</li> <li>Keeping promises</li> <li>Win-Win cooperatio</li> </ul>	<ul style="list-style-type: none"> <li>Establishing supplier management system</li> <li>Open and fair procurement</li> <li>Timely payment of goods</li> </ul>
<b>Community</b>	<ul style="list-style-type: none"> <li>Supporting community public welfare undertakings</li> <li>Creating jobs for the community</li> </ul>	<ul style="list-style-type: none"> <li>Carrying out community public welfare</li> <li>Promoting rural revitalization</li> <li>Sharing development results</li> </ul>
<b>Industry</b>	<ul style="list-style-type: none"> <li>Fair competition</li> <li>Promoting industry development</li> </ul>	<ul style="list-style-type: none"> <li>Industry cooperation</li> <li>Outbound investment</li> <li>Facilitating daily communication</li> <li>Conducting project cooperation</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>Green and low-carbon</li> <li>Environmental management</li> </ul>	<ul style="list-style-type: none"> <li>Carrying out energy saving and emission reduction</li> <li>Creating technology iterations</li> <li>Insisting on green operation</li> </ul>



SN	Winner	Honor	Issued by
1		The sixth batch single champion products in the manufacturing industry by the Ministry of Industry and Information Technology in 2021	Ministry of Industry and Information Technology of the People's Republic of China
2		2021 doctoral workstation	Department of Science and Technology of Guangdong Province
3		2021 China Top 500 Private Enterprises in the Manufacturing Industry	All-China Federation of Industry and Commerce
4		2021 China Top 500 Enterprises in the Manufacturing Industry	China Enterprise Confederation
5		2021 Top 500 Enterprises in Guangdong	Guangdong Provincial Federation of Enterprises
6		2021 Top 100 Private Enterprises in Guangdong	Guangdong Provincial Federation of Enterprises
7	<b>CVTE</b>	2021 Top 100 Guangdong Enterprises in the Manufacturing Industry	Guangdong Provincial Federation of Enterprises
8		2021 Top 100 Innovative Enterprises in Guangdong	Guangdong Provincial Federation of Enterprises
9		2021 Leading Private Enterprises in Guangzhou	Guangzhou Municipal Industry and Information Technology Bureau
10		The 8th Guangdong Patent Silver Award	People's Government of Guangdong Province
11		The 8th Guangdong Patent Excellence Award	People's Government of Guangdong Province
12		The Best Board of Directors Award for Investor Relations of China Main Board Listed Companies	Securities Times
13		Top 100 China Main Board Listed Companies of the 15th China Listed Companies Value Awards	Securities Times

SN	Winner	Honor	Issued by
14		The 22nd China Patent Excellence Award	China National Intellectual Property Administration
15		The 8th Guangdong Patent Gold Award	People's Government of Guangdong Province
16	<b>Shirui</b>	Sustainability Brand of the Year	Southern Weekly
17		2021 China Corporate Social Responsibility Case Award	People's Daily
18		The sixth batch single champion products in the manufacturing industry by the Ministry of Industry and Information Technology in 2021	Ministry of Industry and Information Technology of the People's Republic of China
19	<b>Shizhen</b>	Guangdong Intellectual Property Demonstration Enterprise	Guangdong Intellectual Property Protection Association
20	<b>Shikun</b>	Guangdong Intellectual Property Demonstration Enterprise	Guangdong Intellectual Property Protection Association
21		2021 High-tech Enterprise	Department of Science and Technology of Guangdong Province
22	<b>Xicoo</b>	2021 High-tech Enterprise	Department of Science and Technology of Guangdong Province



# Compliant Operation

## Operations of the three committees

CVTE operates in strict accordance with the requirements of laws and regulations such as the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China, the Code of Corporate Governance for Listed Companies, the Self-regulatory Guidelines of Shenzhen Stock Exchange for Listed Companies No. 1 - Standardized Operation of Main Board Listed Companies and the Rules Governing the Listing of Stocks on the Shenzhen Stock Exchange, and continuously optimizes its internal governance structure and establishes sound rules and systems for corporate governance and internal control based on its own circumstances to ensure the stable and healthy development of the Company.

The Company has established a corporate governance structure with the General Meeting of Shareholders as the highest authority, the Board of Directors as the decision-making body, the Supervisory Committee as the supervisory body and the Management as the executive body, with a clear separation of powers and responsibilities and mutual checks and balances among the various bodies. The General Meeting of Shareholders enjoys the supreme power of the Company in accordance with the laws and regulations and the Articles of Association; the Board of Directors is responsible to the General Meeting of Shareholders and exercises the right to make business decisions for the enterprise in accordance with the law; the Supervisory Committee is responsible to the General Meeting of Shareholders and exercises supervisory power over the Board of Directors and the main bodies of the Company; the Management is responsible to the Board of Directors and organizes the implementation of the resolutions of the General Meeting of Shareholders, the Board of Directors and the Supervisory Committee and is responsible for the day-to-day operations. There are four special committees under the Board of Directors, namely the strategy committee, the audit committee, the nomination committee, and the remuneration and assessment committee.



In 2021, the Company held **3** meetings of General Meeting of Shareholders **11** meetings of the Board of Directors **9** meetings of the Supervisory Committee and a total of **18** meetings of special committees representing a year-on-year increase in the number of meetings **10.81** %

## Information disclosure

In accordance with the relevant laws and regulations on information disclosure of listed companies, CVTE has formulated the Information Disclosure Management System, the Internal Confidentiality System for Material Information, the Internal Reporting System for Material Information and other systems to regulate the Company's information disclosure behavior, and proactively fulfilled the information disclosure obligations through multiple channels such as the designated business platform of Shenzhen Stock Exchange and Securities Times, China Securities Journal, Securities Daily, Shanghai Securities News and cninf. The Company has strictly followed the regulatory requirements of relevant laws and regulations to disclose the operation and management of the Company in a true, accurate, complete and timely manner to protect the legitimate rights and interests of the general investors.

The information disclosure work of the Company is under the unified leadership and management of the Board of Directors. The chairman is the first person responsible for information disclosure and the Secretary of the Board of Directors is the person directly responsible for information disclosure and is responsible for managing information disclosure matters. The Office of the Board of Directors is the management department for information disclosure, and the Secretary of the Board of Directors is responsible for collecting and sorting out the information to be disclosed.




In 2021, the Company disclosed a total of **147** periodic reports and interim announcements in designated media, all of which were compliant, accurate and error-free, and presented the Company's business development in high quality, and was rated as "A" in the information disclosure assessment of the Shenzhen Stock Exchange in 2020.

## Investor relations

Since its listing, CVTE has always adhered to the concept of "respecting the market and serving investors" and is committed to presenting the Company's operation, important developments and development strategies to investors in a true and accurate manner to meet the communication demands of domestic and foreign investors. In 2021, the Company established continuous communication channels with analysts and investors through on-site research, performance presentations, conference calls, strategy sessions and other forms to demonstrate the value of the Company to the capital market. In the meantime, the management of the Company attaches great importance to the ideas and suggestions of investment institutions on the Company, and timely feedbacks valuable market views to the Board of Directors of the Company, so as to develop positive interactions between the capital market and the Company's operation and promote the high-quality development of the Company in multiple channels and levels.

## Compliance system building

With the rapid development of the economy and the growing scale of the Company, the legal risk issues that the Company may face will be more complex and diversified. Compliance system building is an important guarantee for the Company to manage its legal risks. Only by adhering to compliance management and strengthening compliance risk prevention can a company achieve greater economic benefits and sustainable development.

In 2021, the Company established a special compliance department in accordance with the requirements of relevant national laws and regulations and compliance guidelines. The compliance department is a first-level department of the Group, responsible for organizing, coordinating and supervising compliance management in export control, data compliance and personal information protection, and providing compliance support for other departments. Its responsibilities also include establishing and improving various compliance management systems of the Company, formulating compliance management plans, organizing or participating in compliance audits, inspections and assessments and other related work, supervising the implementation and continuous improvement of relevant rectification matters, organizing or assisting personnel departments and business departments to carry out compliance training and publicity, providing compliance consultation

and support to various business units, guiding subordinate enterprises to establish and improve compliance management systems, and representing the Company to communicate with the relevant national authorities and relevant departments of national governments, etc.

In 2021, with changing laws, regulations and regulatory situations, the Company, under the leadership of the compliance department, established an internal Data Compliance Baseline and export control compliance review standards, which are continuously updated in accordance with changes in relevant national and international laws and regulations. Meanwhile, the Company also regularly conducted compliance audits and inspections to supervise the rectification of the problems identified. In terms of data compliance alone, we have conducted approximately 27 special compliance audits and inspections on the Group's major products.

To enhance internal compliance awareness, the Company conducted monthly compliance publicity, and carried out compliance training and publicity in terms of updates and changes in laws and regulations, sharing of rectification plans for issues identified in compliance audits, sharing of industry practices, and thematic sharing. To ensure the compliance operation of products, for different business scenarios such as conference, education and medical care, the compliance department organized compliance review of products in the frontline with R&D, product and commercial departments, put forward compliance opinions and formulated improvement plans, and conducted impact assessments on personal information protection and security for the collection and handling of children's information and sensitive personal information.

To ensure the compliance operation, the Company strengthened the communication between government and enterprises. We took the initiative to undertake the seminars held by the relevant authorities on compliance without prosecution and other topics, and proactively learned and implemented the relevant national policies and regulations. In addition, to adapt to economic globalization and realize our goal of developing international business, the Company is also committed to building a global compliance system. In the process of global operation, the Company not only builds a localized compliance system based on the legal and regulatory requirements of each host country, but also builds a safe, compliant and trustworthy global compliance system based on the standardized system prevailing worldwide.

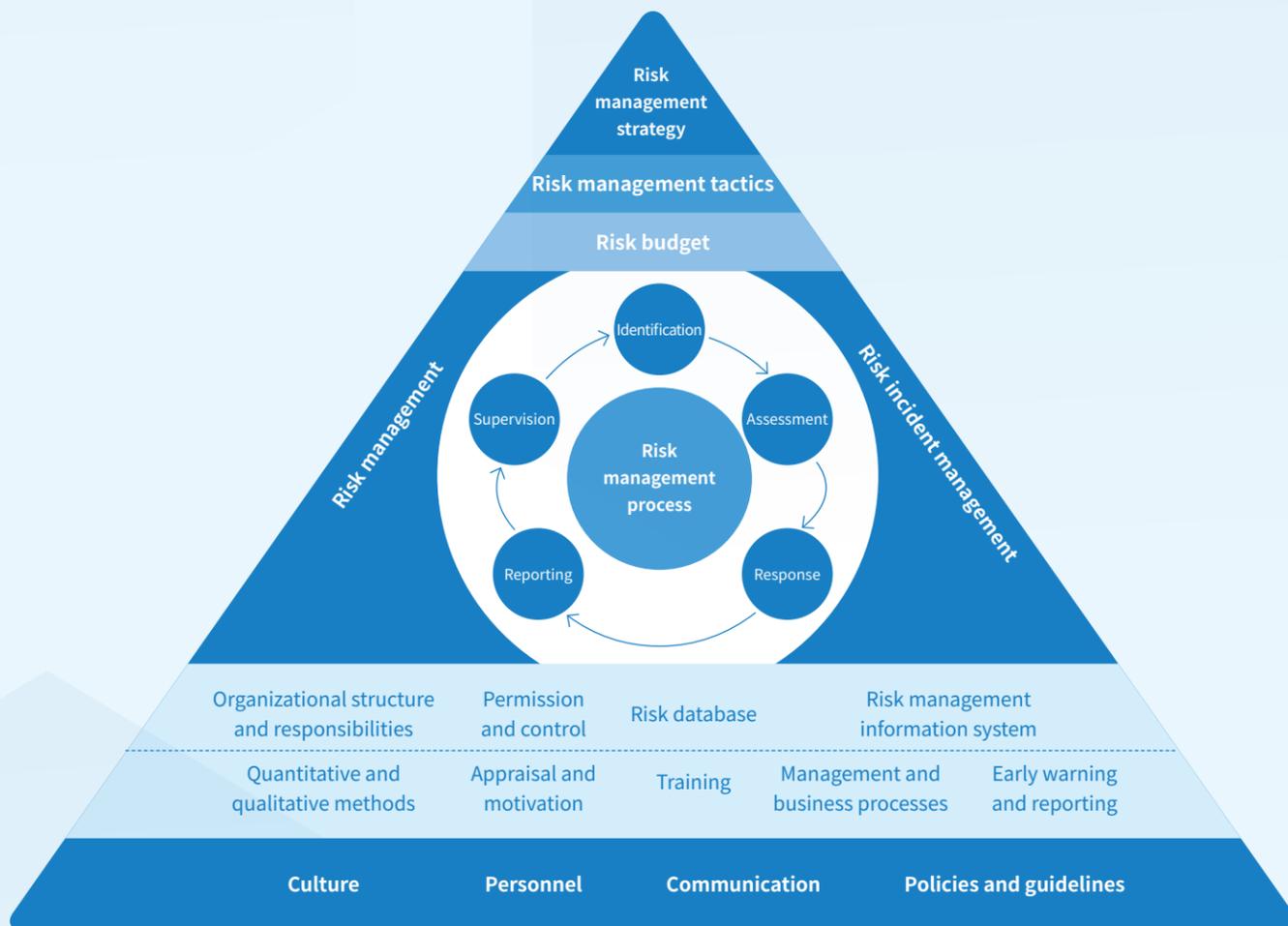


In 2021, due to the recurrence of the pandemic at home and abroad, the Company adopted a combination of **online and offline** methods to fully communicate with domestic and overseas investors, held an **online presentation of its 2020 annual results**, participated in the "2021 Online Collective Reception Day for Investors of Listed Companies in Guangdong" organized by Guangdong Securities Regulatory Bureau and Guangdong Listed Companies Association, responded to **155** questions from investors on the interactive platform, and disclosed **7** records of investor relations activities. According to third-party statistics, a total of 10 securities companies issued **32** research reports or review reports on the Company in 2021, with ratings of "buy", "increase stake" and "outperform".

# Risk Management and Internal Control

## Risk Management

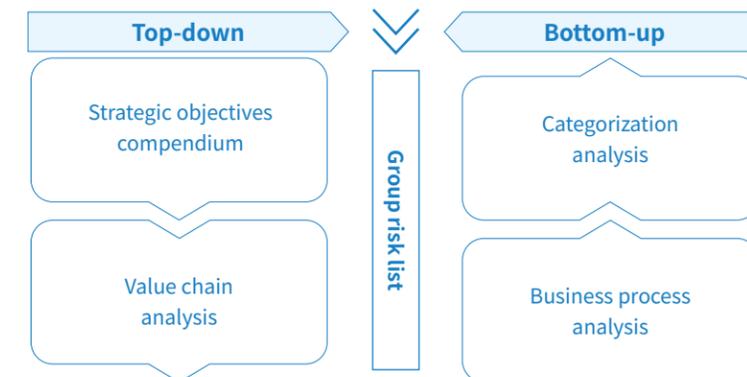
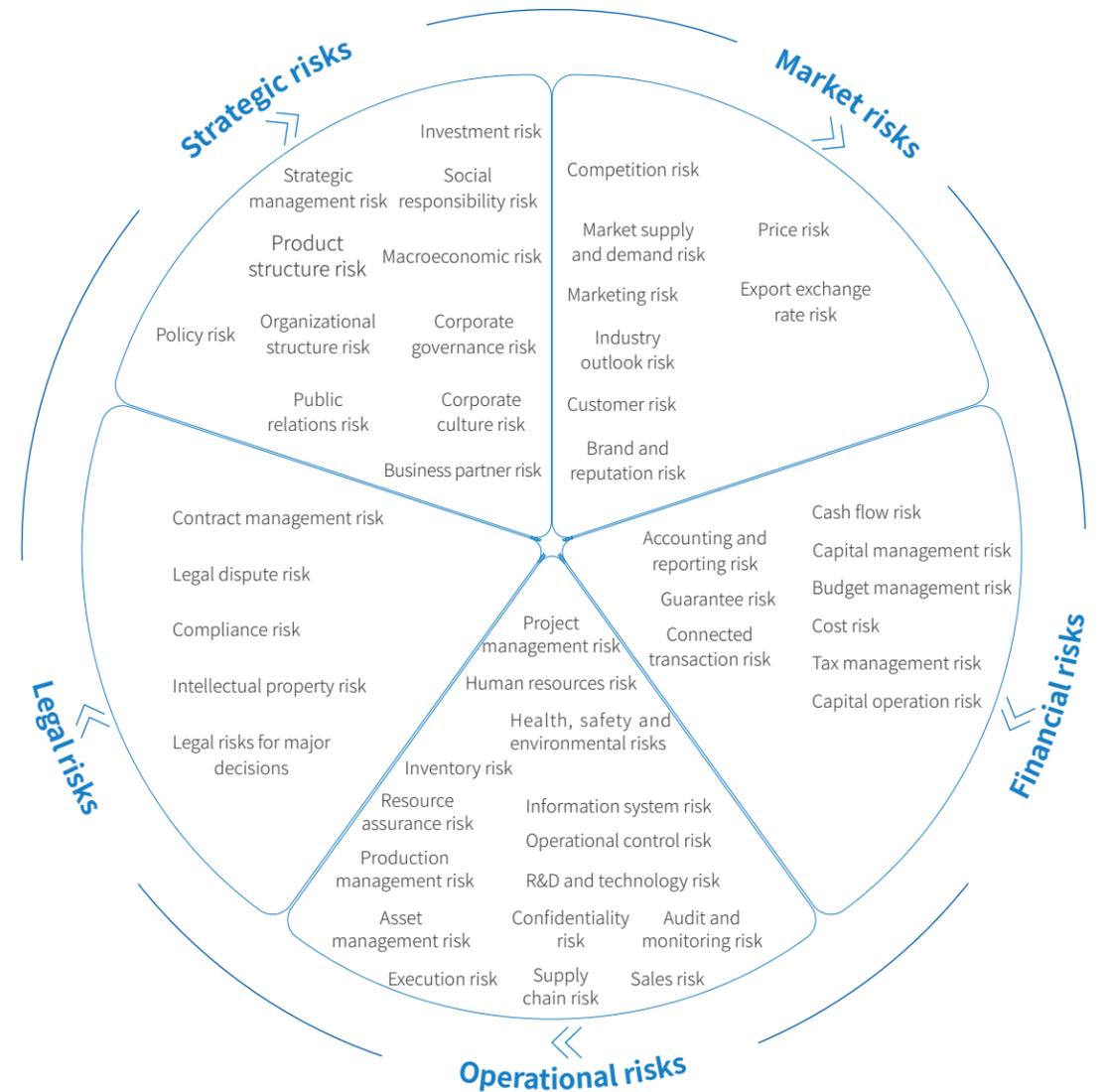
Currently, CVTE has established a comprehensive risk management system covering from risk identification to responses to major risks and emergencies. We carried out risk assessment for 16 level 2 risks such as organizational structure and governance risks, audit risks, public relations risks, business partner risks, legal risks for major decisions and legal dispute risks, and identified and refined level 3 risks with pre-, in- and post-risk monitoring mechanisms in place for the first ten major level 3 risks.



Risk management system

## Risk identification

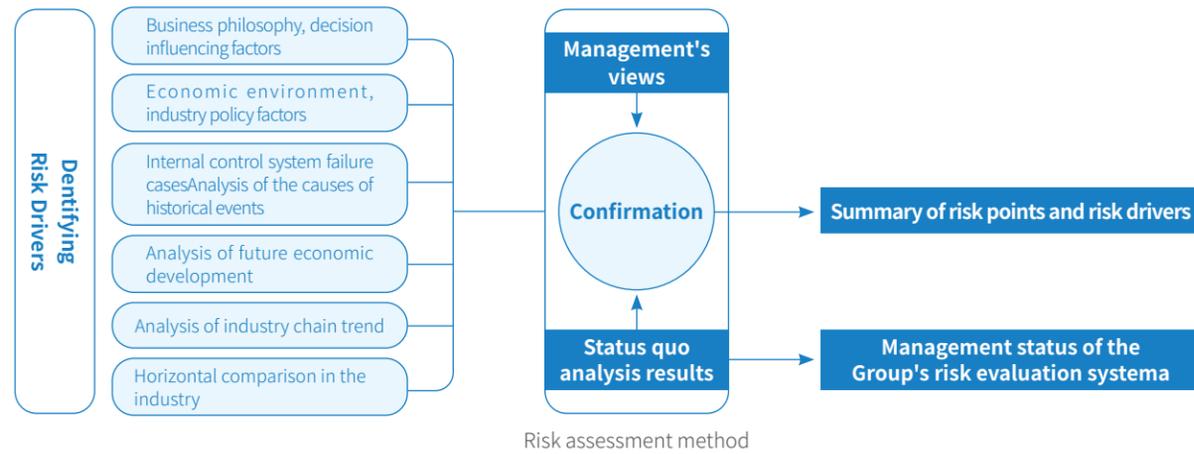
CVTE identified risks through a combination of top-down and bottom-up approaches, analyzed its business activities, marketing channels and ancillary activities based on its value chain, and broke down its risks in strategic, marketing, financial, operational and legal aspects.



Risk identification method

### Risk assessment

Based on the identified risk drivers and combined with our business philosophy, macroeconomic environment, future economic development and industry chain trends, CVTE has assessed the importance of risk drivers and summarized the risk points as well as risk drivers through horizontal comparison in the industry, finally developing a report on the management status of the Group's risk evaluation system.



After completing risk assessment, the Company determined risk priorities by calculating risk values, inferred the likelihood of occurrence and the extent of impact of each risk based on its risks and corresponding concerns, and gave different risk assessment weights, finally developing the risk map of the Company.



### Risk response

Based on the risk assessment results, the Company has formulated corresponding response strategies for different risk levels. The Company has also regularly analyzed the effectiveness and reasonableness of the developed risk management strategies and adjusted them in a timely manner.



### Risk training

The Company has built a sound risk assessment system and conducted risk assessment training for business representatives of R&D, quality, marketing, supply chain and other related modules. Through learning the whole set of risk assessment system, quantification of assessment indexes and other processes, all modules have been able to make correct decisions in the face of risks, which further improved the overall response capability of the Company.

### Internal control

In 2021, CVTE standardized its internal audit to improve its audit quality. We improved the qualifications of the head of internal audit and formulated stricter standards for the recruitment of internal audit personnel in accordance with the Audit Law of the People's Republic of China, the Regulations of the Audit Office on Internal Audit and other laws and regulations, as well as the Articles of Association of the Company and the Internal Audit System. Besides, our internal audit department carried out education and training through various channels, which greatly enhanced the comprehensive capability of internal audit personnel.

In addition, the Company carried out regular audits on the internal control system from five aspects, namely, job separation audit, subsidiary control, seal management, capital management and internal control evaluation.

#### Job separation audit

- Separation of duties between cashiers and auditing, accounting file keeping and debt registration.
- Separation of duties between the internal audit department and the finance department.
- The official seal, financial seal, corporate seal, and bank account operation shall be kept and operated by different personnel and positions respectively.
- Separation of seal managers from relatives of actual controllers, directors, supervisors and senior executives.

#### Subsidiary control

- Our subsidiaries shall be managed and supervised according to the Subsidiaries Management Measures of Guangzhou Shiyuan Electronic Technology Company Limited, including the rights and obligations of shareholders, the operating policies and investment plans of subsidiaries, and the replacement of key legal personnel such as directors, supervisors and senior executives of subsidiaries.

#### Seal management

- The Company adopts the authorization and hierarchical approval system for its official seal, and has established the Seal Management System to unify and standardize the approval process and registration process of the seal. We can check the use of the official seal of listed companies and back up data.

#### Capital management

- The Company has strengthened the review of fund accounts, the approval authority and process of external funds approval and transfer, the use of raised funds and the use of idle funds, and resolutely prevented the emergence of related problems.

#### Internal control evaluation

- The Company has classified our internal control deficiencies in financial reporting into general deficiencies, significant deficiencies and material deficiencies, and clarified their definitions and classification criteria. We have made material adjustments and corrections to ensure effective implementation of internal control based on the identification of our internal control deficiencies in financial reporting.



Improvement  
Risk response method

# Intellectual Property Protection

CVTE attaches great importance to the protection of intellectual property rights and has established an Intellectual Property Center to facilitate the work related to product innovation and technological innovation. To continuously build and improve our intellectual property management system, we have formulated the Intellectual Property Management Manual, the Patent Management Measures, the Patent Award System, the Intellectual Property Confidentiality System and other systems respectively.

In 2021, to further strengthen the protection of intellectual property and promote the sound development of the intellectual property management system, the Company developed new guidelines on trade secret risk identification, the delivery process mechanism for IP risk identification and the guidelines on preventing patent infringement, and embedded the trade secret risk identification process in the management mechanism for product creation and development. At the same time, the intellectual property management of both CVTE and Shirui Electronic Technology have obtained GB/T 29490-2013 intellectual property management system certification.



CVTE's intellectual property management system certification



Shirui Electronic Technology's intellectual property management system certification

### Initiatives for intellectual property protection

1. We adopted both the online patent management and control platform and the IP platform for patent search database to realize the whole-cycle management of patent application, examination, authorization, maintenance, etc., and monitor real-time dynamics, so as to improve the quality and value of patents.

2. We established a patent award system and organized annual patent award selection and awarding activities to reward everyone for actively transforming technological innovation achievements into intellectual property rights in the process of technological research and product development, so as to cultivate a good innovation atmosphere.

3. We attach great importance to the formulation of technical standards, and have designated staff specifically responsible for the research and formulation of standards.

4. We provided patent-related training for business departments, including patent drafting, IP management, IP protection, overseas patent layout, etc.; set up new professional IP training courses for R&D staff, and made practical analysis and experience sharing through classic cases.

CVTE and its subsidiaries have received new recognition in recent years, such as National Intellectual Property Demonstration Enterprises, Guangdong Intellectual Property Demonstration Enterprise, Provincial Large Backbone Enterprise, National Technology Innovation Demonstration Enterprise, National Industrial Design Center and National Technology Center.

In 2021, People's Government of Guangdong Province released the commendation results of the 22nd China Patent Award and the 8th Guangdong Patent Award, and CVTE and its subsidiaries won many awards, such as 2 China Patent Excellence Awards, 1 Guangdong Patent Gold Award, 1 Guangdong Patent Silver Award and 1 Guangdong Patent Excellence Award, fully demonstrating our independent R&D capabilities and technological innovation strength.



The all-in-one machine and the method of full-channel quick touch has won China Patent Excellence Award



A data transmission method, apparatus and communication system has won China Patent Excellent Award

### Case

#### CVTE 2021 Annual Patent Award Selection

In 2021, the Company revised the Patent Award System of the Group to encourage employees to invent and create by use of the material and technical conditions of the Company or within their duties during their employment. The Company set up 7 awards, including invention patent application award and authorization award, utility model patent award, design patent award, foreign patent award, patent implementation and licensing award, annual patent award, and special patent award. Meanwhile, the Company held the CVTE 2021 Annual Patent Award Selection to encourage employees to engage in technological innovation in the stages of technology research and product development from a diversified perspective, thus improving the core competitiveness of the Company.



Awarding Photos of CVTE 2021 Annual Patent Award Selection

## Anti-Corruption

CVTE strictly abides by national laws and regulations, adheres to the business ethics of honesty, integrity and self-discipline, and keeps a zero-tolerance attitude towards corruption, fraud and other unethical behavior. The Company has established clear integrity guidelines to regulate the professional behavior of employees. In the meantime, in order to build a fair, just, clean and honest working environment, the Company has accelerated the development of internal control system and prosecution and punishment mechanism. We supervised and inspected the implementation of anti-corruption work, simultaneously set up a discipline inspection team to investigate and handle reported cases and incorporated anti-corruption into regular management, thus establishing a system that combines effective punishment and fraud prevention.

### Integrity guidelines

Create transparent supply chain and build a fair, just, clean and honest business environment

Adhere to integrity and self-discipline, and strictly prohibit commercial bribery

Integrity guidelines of CVTE: zero tolerance for corruption

Adhere to fair trade and oppose unfair competition

Adhere to frankness and oppose commercial fraud

## Training in anti-corruption

Adhering to the principle of "punishment and prevention with emphasis on prevention", the Company regularly carried out anti-corruption training and clean culture education for senior management and general employees, and popularized and publicized anti-corruption knowledge to all employees, achieving the company-wide anti-corruption education through integrity training activities.

### Case

#### Conducting Induction Training In Integrity and Self-Discipline

In July 2021, the Company conducted the induction training in integrity and self-discipline for 466 new employees recruited via the school recruitment in 2021, which covered the concepts related to integrity and self-discipline as well as corruption crimes, interpretation of legal regulations, and detailed clarification on the consequences of violations from five dimensions, such as economy, future and family, clarifying our principles, discipline and ethical requirements.

### Case

#### Visiting the Anti-Corruption Education Base

In April 2021, the Company organized the party member employees of the Strategic Procurement Center to visit the anti-corruption education bases in Huangpu District, Guangzhou and Guangzhou Development Zone to learn about the anti-corruption achievements and cases in Huangpu District and Development Zone since the 18th CPC National Congress. The activity raised the awareness of participating employees of China's zero-tolerance attitude towards corruption and, through the interpretation of the causes of corruption, touched employees in the most direct way, prompting them to deepen their awareness of anti-corruption and hold themselves to a higher standard.



Visit to the anti-corruption education base in Guangzhou Development Zone



In 2021, the Company carried out **15** training sessions organized **5** batches of visits to the anti-corruption Education base in Huangpu District, with on integrity and self-discipline with a total of **1,806** participants

**161** participants

## Whistleblowing Mechanism

CVTE has set up a Risk Control Center to link up with the Finance Center, Audit Department and Legal Department to complete the work of building business ethics and anti-corruption, and to open up the whistleblowing channels through the website of its daily collaboration platform with its partners and the establishment of employee mailboxes and complaint hotlines within the Company. The Company encourages employees and stakeholders to report and complain about violations of the law, fraud and other acts that tarnish the corporate image within the Company, and eventually a professional team will handle the reporting and complaint incidents.

In 2021, the Company dealt seriously with the relevant cases, and immediately carried out relevant work such as strengthening compliance system construction, enhancing internal supervision and strengthening risk control after the occurrence of relevant incidents. We are committed to cultivating a high-quality corporate compliance culture and improving our overall compliance governance capability.



SDGs

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

# Responsible Products

## Driven by Innovation

### Concept

As a high-tech enterprise leading in the industry, taking technological innovation as the power source of its development, CVTE deeply looks into business in various fields and focuses on technological exploration. While ensuring the quality of products, we continue to pursue the empowerment of products with technology. Besides, the Company also proactively participates in industry activities to promote the development of the industry with its own strength.

### Our Actions

- Technological innovation
- Quality control
- Industry seminars

# Technological Innovation

Since its incorporation, CVTE has defined the development principle of "guided by science and technology and driven by innovation". Under this principle, we attached great importance to technological innovation and R&D investment by driving constant product upgrades and iterations and vigorously exploring new technology development direction by relying on the innovative scientific research capabilities of the CVTE Research and the CVTE Engineering.



In 2021, the R&D expenses of the Company were RMB **1.163** billion accounting for **5.48%** of the operation revenues

As of December 31, 2021, the Company had over **6,700** patents (including over **1,600** invention patents), and over **2,400** computer software copyrights and works copyrights

In 2021, the Company had more than **2,000** new patent applications of which invention patent applications accounted for over **43%**

The CVTE Research, as a forward-looking basic and applied research institute, and the CVTE Engineering, as our advanced engineering research institute, have gathered more than 100 professional doctors and senior experts at home and abroad so far. The CVTE Research is mainly engaged in the research of visual computation, speech signal information processing, haptic technology, data mining, natural language processing, medical signal analysis, etc.; and the CVTE Engineering is mainly engaged in the research of engineering materials, innovative processes, RF technology, standardized modular design, optics, intelligent manufacturing, and computer-aided engineering, etc.

The CVTE Research and the CVTE Engineering have had a number of research results ranking at the forefront of the industry and applied to our education, enterprise services and other practical scenarios, which enriched and improved our product functions and experience and thus strengthened the comprehensive competitiveness of our products.

## Case

### CVTE'S Key Innovation Projects in 2021

#### Research and development of new-generation interactive smart panels

- Improve product performance and maintain competitive advantage of products
- Enhance the industry influence and promote the development of other categories

#### Teaching and research information management platform

- Achieve full record of faculty process data to improve management capabilities
- Actively respond to the national education policy and accelerate the digital transformation of education
- Strengthen our data cornerstone strategy and promote the upgrade of the education industry

#### Research and development of inverter motor drive for household appliances

- Improve the control algorithm of our variable frequency drives to maintain technological leadership

#### LED energy-saving integrated display and system

- Develop new system architecture to optimize product scalability
- Create energy-saving and environmental protection products in response to the national dual carbon policy

#### Research and development of electrically conductive, antibacterial and chemically resistant composites

- Improve product preparation efficiency, and reduce product density and production costs
- Add the antibacterial function to the corresponding products, and improve chemical resistance
- Build technical barriers to enhance influence and competitiveness

#### Research and development of intelligent dialogue interaction system

- Realize convenient control, and enhance product convenience and comfort
- Support our continuous expansion in the field of smart hardware

## Case

### Upgrade of Seewo's Interactive Smart Panels

In 2021, seewo launched the latest interactive smart panel high-precision infrared series, which brought a new interactive teaching experience for teachers and students through comprehensive improvements in multiple dimensions, such as visual viewing, writing, interaction, and eye protection. This new product is mainly for teaching scenarios such as art classrooms and creative spaces and realized upgraded calligraphy mode, ultra-fine pen writing and hand-pencil separation functions in combination with application software, bringing teachers a more natural writing experience and providing a new interactive teaching experience for art, calligraphy and other art smart classrooms.



Operating the product application on site

In 2021, seewo recorded a **47.5%** market share in IFPD sales in mainland China, Maintaining the leading market share in mainland China for **10** consecutive years

## Case

### Upgrade of MAXHUB Intelligent Collaboration Platform

In April 2021, MAXHUB held an online new product launch and officially announced a new brand strategic positioning –Intelligent Collaboration Platform. MAXHUB has officially announced a number of new conference panels and audio/video products, and released the "MAXHUB Collaboration Platform", which realizes the full coverage of intelligent office scenarios and retains the core value generated by each scenario through intelligent collaboration of hardware and software. With the help of MAXHUB Intelligent Collaboration Platform, whether it is individual, remote or multi-person meeting, offline discussion or digital meeting, the collaboration data under the scenario can be accurately captured through the high-precision sensors and algorithm capabilities on the terminal to achieve complete retention of the essence of knowledge under the scenario.



Online launch of MAXHUB Intelligent Collaboration Platform



MAXHUB interactive smart panels achieved **27.5%** market share in 2021  
 More than **50%** of the top 500 companies in China choose MAXHUB to enhance their meeting efficiency  
 Leading market share in mainland China for **5** consecutive years

## Quality Control

Guided by customer demands and good experience, CVTE has always been committed to zero defects and providing high quality products and services. By upholding the quality concept of creating value for customers, we strengthened practices in quality methods, processes and tools, and improved quality control capabilities to achieve the best results in quality management. We also continuously built and optimized the quality information system and the prevention system and developed a fully-automated quality management system based on business flows to improve operational efficiency, so as to adapt to and support the rapid and sustainable development of different businesses.



CVTE has made material incoming inspection, IPQC inspection at processing plants, OQC shipping inspection, and ORT reliability test a routine verification to ensure high quality. For quality improvement, CVTE holds Six Sigma and QCC improvement projects every year.

**In 2021**

More than **800** participants

Including **80** partners,

received the Six Sigma training

Involving **150** projects

**In 2021**

QCC, GB and BB courses were attended by **180** person-times

With a total of **200+** class hours

## Industry Seminars

CVTE is committed to industry development and proactively participates in industry events and forums. Meanwhile, the Company has also been involved in the standards development. In 2021, the Company participated in the preparation of group standards for intelligent classrooms, and successfully released the Technical Specifications for Interactive Panel Touch Modules, the Technical Requirements on Aging Design of Intelligent TV, the Technical Requirements for Ultra-High-Definition Ultra-Small Pitch LED Display, the High Dynamic Range (HDR) Video Technology Part 3-2: Technical Requirements and Test Methods Portable Display Equipment, etc.

**Case**

**CVTE led a number of enterprises to start the preparation of the Technical Specifications for Interactive Panel Touch Modules**

In 2021, CVTE proactively contributed to industry standards by taking advantage of its own advantage. The Company led CSOT, Odin, Hisense, Skyworth and other upstream and downstream enterprises in the industry to complete the preparation of the Technical Specifications for Interactive Panel Touch Module group standard as approved by the China Video Industry Association.

**Announcement on approval of the preparation of the Technical Specifications for Interactive Panel Touch Module group standard**

**Case**

**MAXHUB and CFETC jointly built the Digital Banking College**

In March 2021, MAXHUB and CFETC held a strategic cooperation signing ceremony to jointly build the Digital Banking College. Both parties will join hands to build a cross-industry ecosystem with close cooperation among technology, finance, media and education training.

Digital upgrade has become a consensus among bank outlets. MAXHUB smart financial solutions have been adopted by more than 30 banks, including Industrial Bank, Guangfa Bank, Fudian Bank, Construction Bank, Industrial and Commercial Bank, Rural Credit Cooperatives, Ping An Bank and Pudong Development Bank. In future, the Digital Banking College jointly operated by MAXHUB and CFETC will provide mature and efficient transformation solutions for the financial industry and empower the digital transformation of China's financial technology industry.

**Strategic cooperation signing ceremony on the Digital Banking College**

As of December 31, 2021,

the Company participated in the development of **34** Standards, including **6** national standards, **6** industry standards, **20** group standards and **2** corporate standards. **12** new standards were added in 2021

Case

**Seewo partnered with UNESCO to facilitate the development of education information technology in Asia and Africa**

In May 2021, seewo participated in the 56th Higher Education Expo China held in Qingdao and successfully signed a strategic cooperation agreement with UNESCO Higher Education Innovation Center. Both parties will carry out a series of cooperation in smart classroom solutions, professional development services for teachers, ICT empowerment for teachers and digital transformation standards in universities. seewo successfully went global.



Signing a cooperation agreement between seewo and UNESCO Higher Education Innovation Center

Case

**CVTE Health and GE entered into a strategic partnership**

In November 2021, CVTE Health and GE Healthcare held a signing ceremony at the 4th China International Import Expo, which marks another cooperation between CVTE Health and GE Healthcare, empowering CVTE Health's whole-body tumor screening program. The system used is the most advanced magnetic resonance imaging system, which can image every organ of the whole body more clearly, precisely and quickly, and can detect early tiny tumor lesions, so that lesions in hidden corners have nowhere to hide. Both parties plan to jointly develop a customized program for brain health precision testing, with a two-pronged approach of brain structure and brain function imaging, presenting one-stop precision whole-body examination of brain degenerative diseases and precision detection of cerebrovascular diseases.



Signing ceremony with GE Healthcare

Case

**MAXHUB and DingTalk reached a cooperation agreement**

In 2021, MAXHUB and DingTalk, the top organization management platform in China, joined hands to debut a special MAXHUB DingTalk meeting version at InfoComm China 2021 in Beijing, which integrated the advantages of both software and hardware to provide enterprises with efficient meeting solutions before, during and after meetings, achieving the effect of "1+1>2" and jointly building a new intelligent office ecosystem.



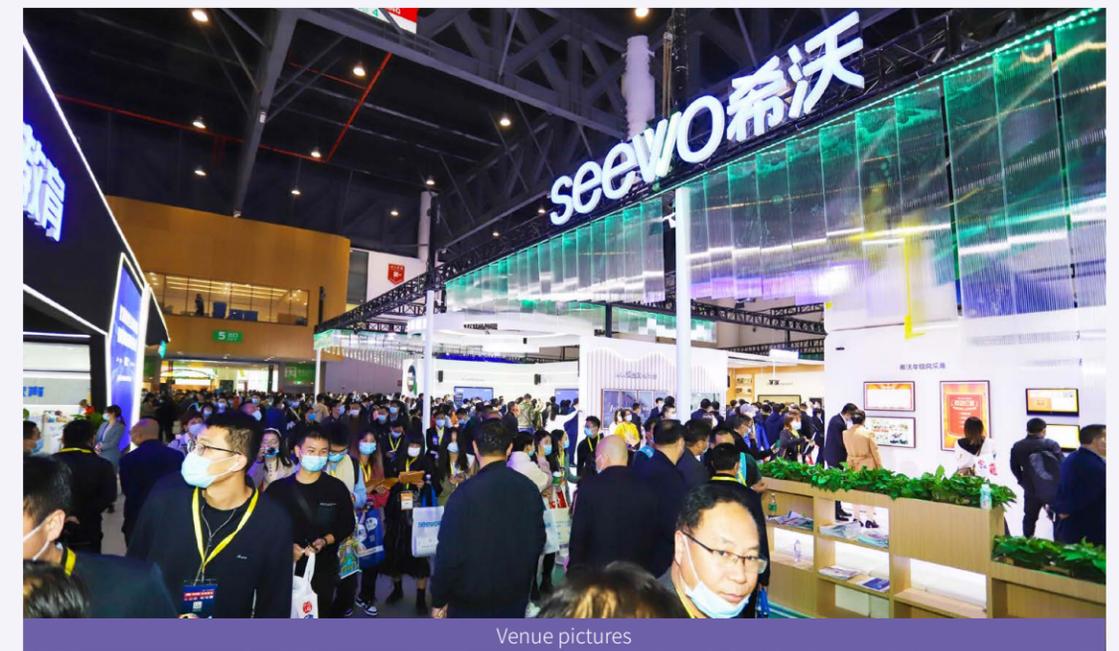
Venue pictures

Case

**Seewo built a "new space" with "small data"**

In October 2021, seewo participated in the 80th China Education Equipment Exhibition with more than 1,300 companies attending this exhibition. With the theme of "Small Data, New Space", seewo created more than 10 new teaching spaces, including multimedia teaching space, early childhood education space, precise teaching space, three classroom teaching space and management space, highlighting seewo's brand characteristics.

At the exhibition, seewo presented a journey to a new teaching space for guests from the dimensions of information-based teaching, digital management and education resource sharing. At the same time, the management space solution displayed by seewo was also quite compelling. Through the IoT campus platform solution, the various categories of devices in the smart school were unified and controlled, helping school administrators to unify the management of school devices, monitor the operation status of devices and improve teaching management efficiency. In addition, to make the transmission of high-quality teaching resources break through the time and space restrictions, the remote classroom immersion experience solution launched by seewo through recording can turn the one-way communication between teachers and students and among students into the two-way communication across time and space through the intelligent console.



Venue pictures



# Join Hands and Seek Shared Development

## Concept

CVTE has kept improving its service quality and capabilities, optimizing service experience, enhancing customer satisfaction, adhering to transparent procurement, sparing no effort to promote peers in the industry to advance together, and leading the industry to achieve high-quality development.

## Our Actions

- Customer service and communication
- Transparent procurement

# Customer Service and Communication

Adhering to the "user-centered" customer service concept, the Company has established and improved a customer service quality management system and an after-sales service system, to provide customers with whole-process high-quality services. The Company also keeps optimizing customer experience through the improvement and innovation of its services, respects and protects legitimate rights and interests of customers, maintains long-term, stable cooperation with customers, and has established a good brand image.

## Whole-Process Service Support

The Company has formulated corresponding service commitments for its major brands, which stipulate a service feedback channel that should be provided to users, as well as standards and clarification of the product installation service, return and exchange of goods, warranty and other issues, so as to support consumers with a full range of services. The Company has established a complete after-sales service system for its brands. Starting from the actual use scenarios of customers, we provide customers with one-stop full-dimensional services and information service solutions concerning software, hardware, platforms and programs, to create a larger value for customers and create industry-leading service capabilities and service standards. For instance, the brand service commitment formulated by seeowo is as follows:



Installation deployment	Use training	Maintenance support	Active support	Customized service
<ul style="list-style-type: none"> <li>Basic equipment installation and deployment</li> <li>Software system installation testing</li> <li>Project installation and construction renovation</li> </ul>	<ul style="list-style-type: none"> <li>After-sales training provided by professional instructors</li> <li>Remote service to solve problems</li> </ul>	<ul style="list-style-type: none"> <li>Free maintenance for non-human reasons during the warranty period</li> <li>Appointment for door-to-door service within 48 hours</li> <li>Select all-in-one and replacement service</li> <li>Depot chip-level maintenance service</li> </ul>	<ul style="list-style-type: none"> <li>Active health inspection</li> <li>Active return visit to work orders</li> </ul>	<ul style="list-style-type: none"> <li>Software and hardware maintenance service</li> <li>Extended warranty service</li> <li>Equipment upgrade and maintenance service</li> </ul>

Whole-process service support

**Software and hardware maintenance service**

- Original factory technology for multi-category software and hardware maintenance
- Customized maintenance service
- Field services provided by experts
- Maintenance hotline and maintenance report

**Extended warranty service**

- Free maintenance for non-human failure
- Free replacement with spare machines
- Inspection service twice a year
- 100% original spare parts

**Installation and construction renovation service (conference space, digital exhibition hall and store display)**

- Multi-category and multi-brand installation service
- Customized installation solution design
- Designed by the manufacturer in case of installation abnormality
- One-stop service, with 0 additional fee

**Installation and construction renovation service (LED conference hall, conference giant screen and outdoor giant screen)**

- Leading service provider for LED installation and deployment
- Schematic design: one-stop solution
- Project management: dedicated personnel to follow up the whole process
- Full-scenario LED deployment capability

Service program provided by the Company

## Improve Customer Satisfaction

The Company actively learns and meets needs of customers, patiently solves their problems, and takes multiple measures to create the ultimate service experience. The Company conducts regular annual customer satisfaction surveys every year. The customer satisfaction survey of 2021 shows that the Company's work order satisfaction is as high as 99.9%.

**Permanent satisfaction survey and complaint handling specialist**

- Collect customer satisfaction evaluation, complaints or other feedback information proactively
- Realize zero-block communication between the Company and customers, and handle customer problems in a timely and effective manner

**Permanent service experience group**

- Study and optimize the entire service process on a regular basis, and promote the implementation of service improvement measures
- Monitor at all links and provide counseling to service personnel in a targeted manner

During the reporting period, the Company obtained the five-star after-sales service certification

During the reporting period, the Company obtained the after-sales service adequacy certification

**Case study**

- Conduct research and study on excellent or problematic cases within and outside the industry, and summarize key behavioral initiatives
- Provide the service personnel with training and drills, until they are skillful at it

**Commendation and encouragement of continuous improvement**

- Select standard versions of service experience for commendation and encouragement

The annual customer satisfaction survey of 2021 shows that the satisfaction with the Company's support staff is

99.26 %

The satisfaction with work orders is **99.90 %**

The annual 400-hotline customer complaint rate is **0.69 ‰**

The Company's measures to improve customer satisfaction

Case

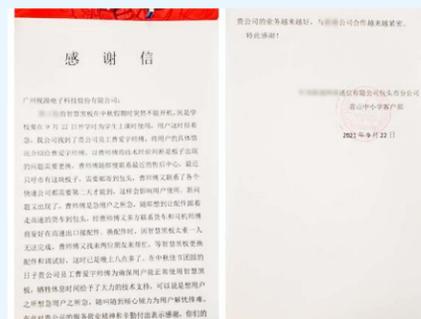
Dealing with After-Sales Problems in a Timely Manner

In April 2021, after equipment installation, the Experimental Middle School Affiliated to Qinghai Normal University reported that the secondary screen of the equipment had a bulge. The technical support team of our Northwest Branch immediately worked with the Company's headquarters, R&D Department and Quality Department to handle the problem as soon as the failure information is provided, and drove over 200 kilometers to the school on the next day after receiving the feedback. The Company's engineering team gave up their May Day holiday and stayed on the front line in the school's classrooms, to provide installation services for over 10 sets of all-in-one machines. After three days of work, all the machines were replaced, so that the school could use them after the holiday. Afterwards, the Company received the praise and appreciation from the school.

Case

Urgent Handling of an Equipment Installation and Debugging Problem

In September 2021, an engineer of the Company gave up the Mid-Autumn Festival for the urgent handling of an equipment installation problem for a middle school in Baotou, Inner Mongolia. Since there were no accessories in the city and the express delivery could not arrive until the next day, the engineer directly took a high-speed truck carrying the accessories from Hulunbuir to the scene. When the final installation and debugging was completed, it was already past 8 pm on the Mid-Autumn Festival. Afterwards, the engineer received a thank-you letter from the customer.



The Company received a thank-you letter from a customer

Case

Support for Customers with Professional Services

The Company's overseas service support center provides professional service support for customers from the United States, Britain, France and other countries and regions. In December 2021, an engineer in his twenties from the service support center worked all night for 5 consecutive days to solve a major problem for the customer. On the last day of 2021, a US customer sent a thank-you email to the engineer, conveying thanks from the front-end dealer for his attitude of making all efforts to solve the problem.

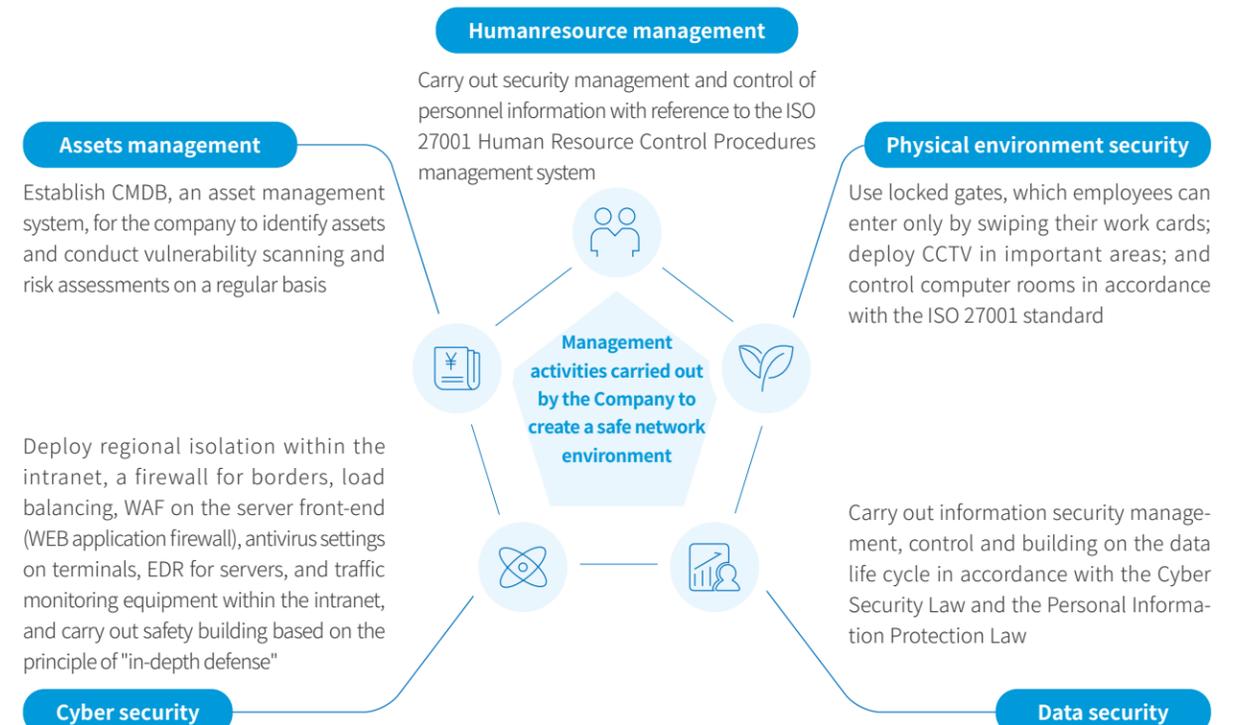


Thank-you email from an overseas user

## Creating a Safe Network Environment

The Company strictly abides by the Information Security Law and the Cyber Security Law. It has formulated information security policies and strategies, and established the Information Security Department, which coordinates the building and operation and maintenance management of the Company's information security system. The Company has also formulated the Information Security Manual as guided by laws and regulations, and is committed to creating a safe network environment and continuously improving its information security management capability.

In 2018, the Company established an ISO 27001 information security management system, to comprehensively take information security management measures concerning security strategies, human resource security, assets security, risk assessment, network security, data security, etc. In addition, the Company also engages third-party professional organizations to carry out data leakage identification to ensure information security of the Company, both internally and externally.



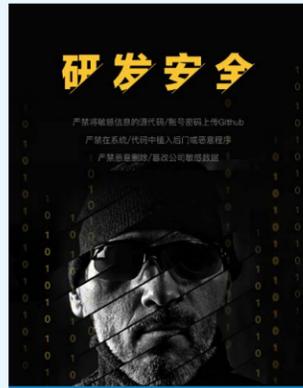
- 1 信息安全知识体系
- 2 信息安全日常规范
- 3 信息安全案例分享

The Company provides information security training for its employees

### 职务犯罪分类划分

犯罪主体	国家工作人员	非国家工作人员
案件办理机关	监察委	公安局
多发罪名	贪污罪	职务侵占罪
	受贿罪	非国家工作人员受贿罪
	挪用公款罪	挪用资金罪

Anti-corruption and Integrity Training for New Hires

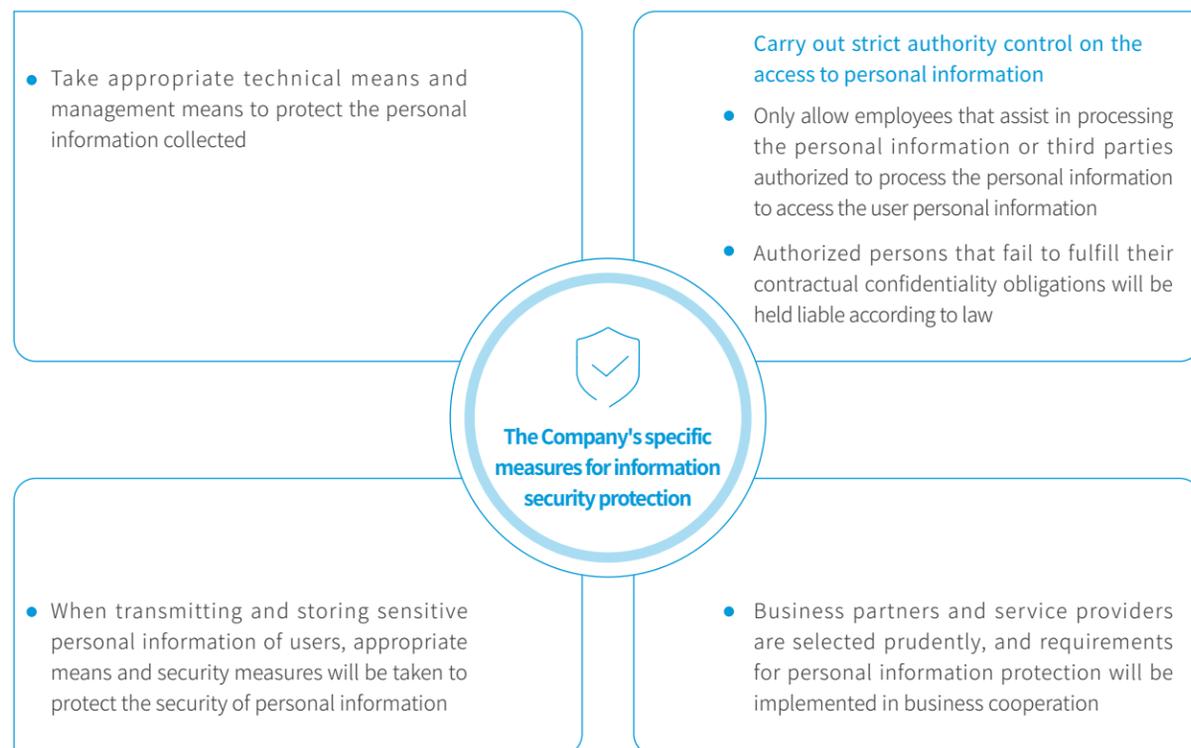


研发安全

Safety training courses provided by the Company for its employees

## Protection of user Information Security

The Company strictly abides by the Personal Information Protection Law and attaches great importance to the protection of user information security, and has also formulated the seewo Personal Information Protection Policy. It keeps updating the policies, to adapt to any changes to laws, technologies and business. The Company has established the Personal Information Protection Department, to effectively protect personal information of users as well as legitimate rights and interests of users. Meanwhile, it provides employees with training in the interpretation of the Personal Information Protection Law, and analyzes and interprets the classification and protection of personal information measures as well as the impact on the Company, so as to improve the employees' awareness of information protection.



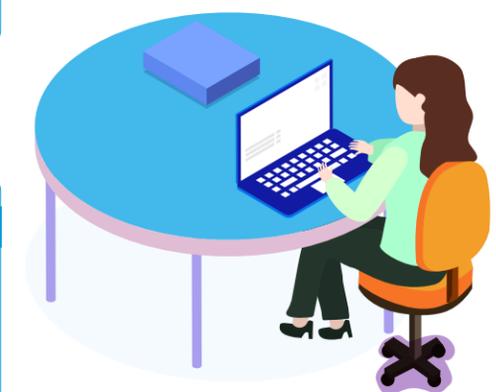
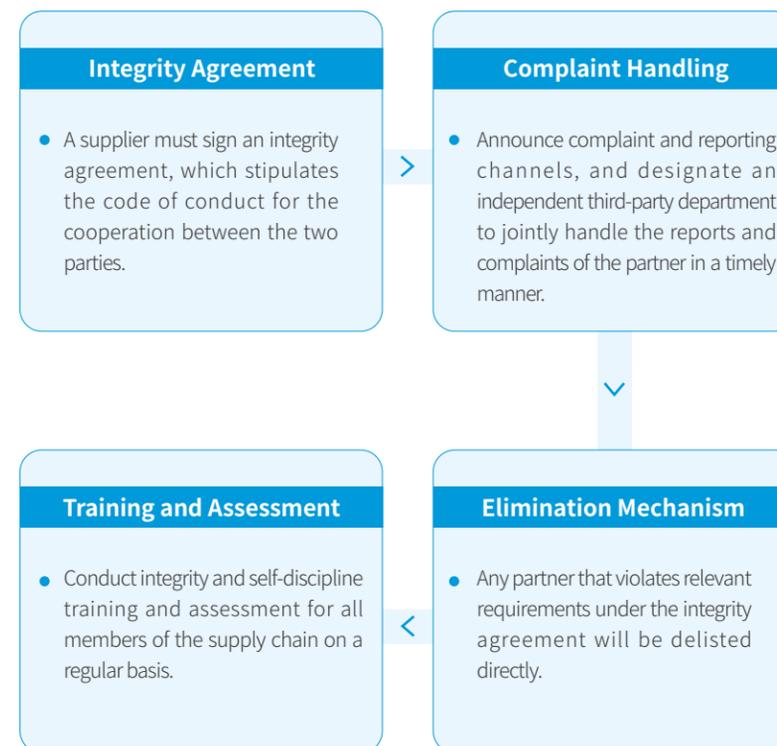
### Case

#### MAXHUB Face Recognition Data Protection

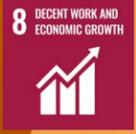
The collection of MAXHUB face data can be proceeded only upon the authorization of the user. The collected data can be used only for meetings or authentication, and shall not be used for any other purposes. Such data will not be stored in the background server; instead, they will be directly destroyed after use, to avoid data leakage.

## Transparent Procurement

The Company strictly follows the principle of transparent procurement by formulating integrity guidelines, carrying out supplier due diligence, selecting new suppliers through written investigation and field assessment, and conducting regular field assessments on suppliers annually. The Company adheres to signing integrity agreements with suppliers, resolutely resists commercial bribery, commercial fraud and unfair competition, unconditionally eliminates suppliers that have "bribery or major integrity problems", protects legitimate rights and interests of both parties, ensures the fairness and impartiality of the cooperation process between the two parties, and strives to build a transparent supply chain and create a fair, just, clean and honest business cooperation environment.



The Company's specific measures for transparent procurement



# Care for Employees

## in a People Oriented Manner

### Concept

CVTE adheres to the people-oriented concept, protects legitimate rights and interests of employees with a sound career development platform for the employees, cares deeply for the employees, sincerely listens to and responds to the employees' opinions and appeals, enhances the employees' sense of happiness, sense of satisfaction and sense of belonging, and joins hands with the employees for common growth and common progress.

### Our Actions

- Recruitment of employees
- Growth of employees
- Care for employees

## Recruitment of Employees

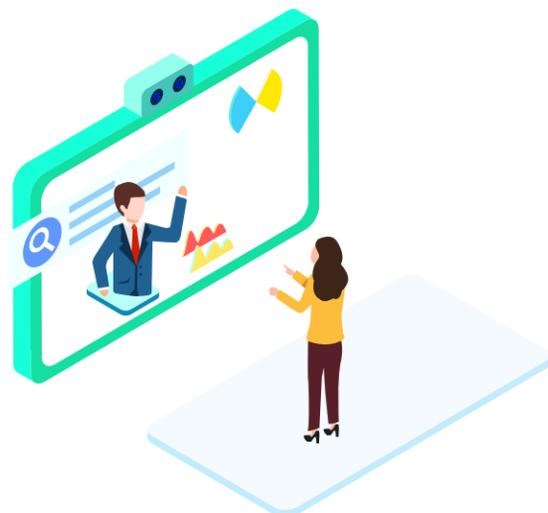
CVTE adheres to employment according to law, steadily promotes democratic management, safeguards various legitimate and equal rights and interests of employees in multiple terms, builds harmonious employment relationships, strives to create an equal and inclusive development platform for employees, and enhances their sense of happiness and belonging.

## Protection of Rights and Interests

CVTE strictly abides by requirements under the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, the Law of the People's Republic of China on the Protection of Women's Rights and Interests, the Regulations on Prohibition of Child Labor and other laws and regulations. We insist on equal employment and refuse to accept any discrimination based on sex, ethnic group, race, social origin, etc. We have constantly improved our employment system and benefits system, established and improved our employee training system, clarified employee promotion channels, promoted democratic management, and safeguarded the physical and mental health of employees. During the reporting period, the Company hired 3 new disabled employees, and there are 9 disabled employees at present.

## Democratic Management

The Company has actively promoted democratic management, provided a channel for employees to appeal for their rights and interests, and actively listened to and helped solve any problems of the employees. During the reporting period, the trade union of the Company completed the general election.



## Growth of Employees Training for employees

The Company has always deemed its employees as a source of power for its development, attached great importance to the employees' needs for ability improvement and career development, actively held various training activities, and carried out social recruitment training, campus recruitment training, management training and application software training, so as to empower the employees for their growth. In 2021, the Company carried out a Q20 work environment survey, to learn the basic needs, career achievements, need for sense of belonging, needs for learning and growth needs of the employees. Meanwhile, the Company formulated improvement plans, carried out employee interviews and further clarified the employees' needs based on the survey results, and also organized the core team to have early warning meetings, and made corresponding adjustments, so as to keep creating good working conditions and a good environment for the employees.



Overall NPS of employees in 2021 **81.6** %  
 overall satisfaction **8.9**  
 The total length of the training programs is about **219,500** hours

### Social recruitment/campus recruitment

Social recruitment training: 1-month pre-entry online learning + 2.5-day pre-appointment offline training + 2.5-day post-appointment offline training

Campus recruitment training: Spark training + newcomer management training + training by management tutors

### Management training

Qide class + white dot team leader + Mingde class + Xingde class + training night for managers + professional training for the whole management

### Professional training

Application software + product manager + OJT + marketing training + supply chain training

### Role training

Tutor + lecturer + interviewer

### Regional training

Hefei + Suzhou

### Executive capacity training

Target management + process feedback + management style

The Company's annual training project in 2021

### Case

#### Training for long-time Employees who had Worked for the Company for over 10 Years

In 2021, the Company carried out 4 training activities for long-time employees who had worked for the Company for over 10 years, including drinking tea, reading tea poems, enjoying tea music, etc. Such activities helped enrich the participants' spare time and promoted exchanges among colleagues.



Scene of training for long-time employees who had worked for the Company for over 10 years



Social recruitment training helped employees to understand the corporate culture of the Company, and heled the employees to know each other better directly



Campus recruitment training helped new employees to adapt themselves to the transition from campus to workplace



Management training to empower the management to grow and enhance employees' leadership and judgment

**Geek Talk** CVTE Dream Future

- 09:30 - 10:10  
**汪彬彬** 腾讯云微服务中心高级架构师  
**微服务可观测的前世今生 — 腾讯微服务可观测最佳实践**
- 10:15 - 10:55  
**简海青** seewo高级系统运维工程师  
**希沃MySQL容器化最佳实践**
- 11:00 - 11:40  
**何世友** 腾讯云 serverless 技术产品专家, 前爱奇艺 CTO  
**Serverless在教育行业的落地案例和最佳实践**

**Geek** CVTE Dream Future

**「轮子」发布会 第1期**

- 11:00 - 11:20  
**使用边缘节点优化服务体验方案**  
文件两步访问速度慢? 弱网环境下不能正常访问? 边缘节点优化服务体验方案, 帮你摆脱这些困境
- 11:20 - 11:40  
**云真机平台**  
平台可接入多种设备, 支持设备实时操作、远程adb连接、在线调试、手机扫码、应用抓包、webview调试等功能
- 11:40 - 12:00  
**客户端业务域名备份方案**

**TOP100 第十届全球软件案例研究会**

100+技术创新/研发管理最佳实践案例  
链接全球优秀“技术大脑”的经验分享

DAY1	DAY2	DAY3	DAY4
1.6	1.7	1.8	1.9
产品创新	体验设计	运营增长	
团队效能	团队管理	工程文化	
爆款架构	架构演进	工程实践	
嘉宾分享	数据平台	AI落地	数据科学
	测试实践	DevOps	工具链

Application software training to help improve the technical level and service quality

## Employee motivation

As a company that takes "technology-led and innovation driven" as its development strategy, CVTE has always deemed employees as a source of power for its development. In 2021, based on the principle of "key incentives and effective incentives", on the premise of safeguarding rights and interests of its shareholders and promoting its development, the Company is striving to achieve a win-win situation with its employees through equity incentives.

During the reporting period, the Company launched the 2021 Stock Option Incentive Plan, involving 1,114 incentive objects in total for the first time, including directors, senior officers, core officers, core technicians and other core employees that are entitled to the incentives as determined by the Company's Board of Directors. Wherein, 88.5% of the stock options were granted to core officers and core technicians accounted this time. Through the implementation of this equity incentive plan, the Company can further establish and improve its long-term incentive mechanism, attract and retain outstanding talents, fully mobilize the enthusiasm of its directors, senior officers, core officers and core technicians (business personnel), and combine the interests of the shareholders, interests of the Company and interests of the employees effectively, to make all the parties concern about the long-term development of the Company.

## Care for Employees

The Company has always attached great importance to and constantly improves humanistic care, provided stable and effective protection for the physical and mental health of employees, and created a harmonious and comfortable working environment and atmosphere.

## Ensuring Health and Safety

The Company has always attached great importance to the occupational health and safety of employees, built an EHS management organizational structure, and kept improving its own EHS management system. Based on the safety atmosphere, the Company has established the safety concept of "full participation, continuous improvement, and safety first" through the construction and promotion of "people, materials and management", to achieve the goal of "zero injury, zero accident and zero occupational disease".

In 2021, the Company had a more comprehensive understanding of the current situation of EHS management and main risks therein by field inspection, data check, personnel interviews and other means, and compiled an EHS risk assessment report, proposing main risks, improvement measures and implementation plans, to lay a foundation for the orderly implementation of subsequent EHS work. Taking 2025 as the node, the Company has built a relatively mature EHS management system in three stages, and has achieved the goal for the first stage of orderly and compliant control, risk controllability and stable operation in EHS management and control.

To protect the health of employees, the Company has established the CVTE's Health Management Center to provide the employees and their families with comprehensive annual physical health examinations for free. Meanwhile, the Company has also provided them with professional outpatient clinic services such as gastrointestinal endoscopy, traditional Chinese medicine, internal medicine and surgery and nutrition consultation. CVTE's Health Management Center arranged nearly 10,000 medical examinations for the employees and their families in 2021, including 80 cases of early identification and treatment of tumors and precancerous lesions, and thus contributed to the happy life of these families. During the pandemic, CVTE's Health Management Center provided nucleic acid testing and COVID-19 vaccination for the employees and their families on a routine basis for up to 10,000 times.



A relatively mature EHS management system in three stages built by the Company



As of the end of December 2021, the Company had completed the development of **7** courses including new employee safety training, management safety awareness training, gas safety training, construction safety training, electricity safety training, property fire safety training and occupational health basic knowledge training, and had organized

**755** safety training sessions involving **17,493** times of attendance



Case

Gas Leakage Drill

In August 2021, in order to ensure gas safety in each canteen of the Company and test the understanding of emergency plans and implementation procedures and the practical operation skills of the emergency response personnel, the Company carried out a gas leakage emergency drill. Through this drill, the professional capabilities and emergency handling capabilities of the emergency response personnel have been further improved, which is an effective guarantee for the safety of the employees.



Gas leakage drill organized by the Company

Case

Water Supply and Drainage Failure Drill

In October 2021, the Company carried out a water supply and drainage failure drill, to improve its ability to cope with water supply and drainage failure, so as to minimize the impact on customers' production or life, restore the system to normal operation as soon as possible, and at the same time minimize losses caused by flooding.



Water supply and drainage failure drill organized by the Company

Case

Emergency Drill For People Trapped in Elevators

In September 2021, in order to enhance the joint response capability of employees in the Company's park in case that people are trapped in elevators, improve the emergency response speed and coordination effect of each emergency team, and ensure the safety of the employees in the park, the Company carried out an emergency drill for people trapped in elevators. Through this drill, the employees' ability to respond to emergencies has been improved.



Emergency drill for people trapped in elevators organized by the Company

Case

Fire Evacuation Drill

In 2021, a number of the Company's parks organized some fire evacuation drills, simulating alarming, firefighting, evacuation, rescue and other processes, so as to develop the employees' skills in responding to fire emergencies, enhance their self-rescue capabilities in an emergency, and avoid casualties or property damages caused by fire accidents.



Fire evacuation drill organized by the Company



Fire evacuation drill organized by the Hefei Industrial Park of the Company

Psychological Counseling

The Company attaches great importance to the physical and mental health of its employees, and has joined hands with a third-party professional institution to provide EAP psychological consultation services, so as to effectively relieve the employees' mental pressure and solve their mental problems.



Conducted **63** psychological counseling training sessions With **67** hours of training accumulatively covering **4,354** times of attendance

Held **16** activities related to the popularization of psychological knowledge, involving **761** participants

Produced and released **26** online psychological scales With **12,069** views and **4,597** times of answers in total Covering **2,494** participants in the psychological examinations, including **529** employees



SDGs

7 AFFORDABLE AND CLEAN ENERGY

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION



# Environmental Governance

## Green-Oriented

### Concept

CVTE continues to improve environmental governance, adheres to the green-oriented concept and standardized green management, keeps being committed to designing and creating environment-friendly green products, practices low-carbon operation actively, promotes energy conservation and consumption reduction, and spares no effort to build an environment-friendly and resource-conserving enterprise.

### Our Actions

- Green R&D
- Green operation
- Green management

## Green R&D

The Company adheres to the green design of products and focuses on the environmental performance of products. It has innovatively adopted modular design, to effectively solve the conflict of life cycle options of product parts through rational product architecture designs and promote the closed loop structure of the product life cycle, so as to further improve the environmental performance of products. In 2021, the Company obtained two green technology patents, and at the same time continued promoting the construction of standardization and modularity, which has achieved certain environmental benefits.

		
<b>Specifications formulation</b>	<b>Materials reduction</b>	<b>Module construction</b>
<ul style="list-style-type: none"> <li>Lower border standard management specifications</li> <li>Backboard back cover standard management specifications</li> <li>Mainboard standard management specifications</li> <li>Screw selection management specifications</li> </ul>	<ul style="list-style-type: none"> <li>Ratio of incoming materials and outgoing materials for commercial displays to reach 1:1.1 throughout the year</li> <li>Total materials to reduce by 6%</li> <li>Net reduction of materials to reach around 850+ pieces</li> </ul>	<ul style="list-style-type: none"> <li>Classification definition of existing model platforms</li> <li>Complete-machine module division V1.0</li> </ul>

In 2021, achievements of the Company in standardization and modularity building

### Case

#### Modular Design of Large Commercial Display Screens

Based on the needs of product users, the development of the modular design for large commercial display screens can realize functional decomposition, module division and product platform architecture, so that the product can meet the diverse needs of users, and can also be quickly iterated and redesigned, so as to effectively improve the reusability during the life cycle of the product.

Establish common evaluation indicators and methods	Improve product performance models	Unify the module library standard
<ul style="list-style-type: none"> <li>Study the consistency between product life cycle performance indicators proposed from the perspective of modularization and traditional performance evaluation indicators in a theoretical manner</li> </ul>	<ul style="list-style-type: none"> <li>Expand modular product commonality to other areas such as procurement, transportation and after-sales maintenance, and study its impact on environmental performance</li> </ul>	<ul style="list-style-type: none"> <li>Unify the module library standard from the perspective of the commercial display large-screen industry, and further improve the module versatility in the industry through cooperation with other companies, so as to promote the development of the entire industry</li> </ul>

Follow-up work focus of modular design

### Case

#### PC/polyester Materials with High Electrical Properties and Preparation Method Thereof

The electrical properties of most polymers and alloys thereof are not quite good, which limits the promotion of polymer materials to some products requiring high electrical properties and as well as the effective replacement of metal parts.

In 2021, the Company successfully applied for a green patent of "PC/Polyester Materials with High Electrical Properties and Preparation Method Thereof". The resistivity of such PC/polyester alloy material with high electrical properties can be effectively controlled between 103-109Ω·m, and the required parts of the product can be directly produced by injection molding, which avoids more energy consumption and waste discharge caused by a series of post-processing processes of metal, and thus reduces environmental burden and pollution.

### Case

#### High-gloss, Low-Odor and Wear-Resistant Pc/Abs/Pmma Alloy Material and Preparation Method Thereof

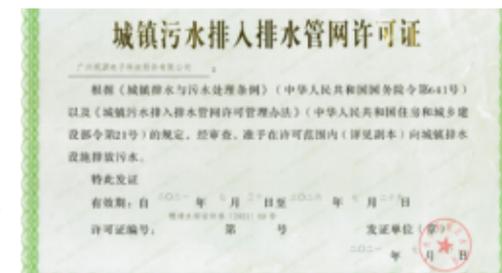
The corresponding parts of conventional plastic materials need secondary processing such as spraying for high gloss, high wear-resistance and other functions. However, the paint used in the spraying process contains organic solvents, including benzene, methylbenzene, formaldehyde and other organic chemical pollutants, as well as some heavy metals, which will cause serious environmental pollution and problems concerning life and health.

In 2021, the Company was granted a green patent for "High-Gloss, Low-Odor and Wear-Resistant PC/ABS/PMMA Alloy Material and Preparation Method Thereof". Such alloy material has got the properties of high gloss and wear resistance from formula development, and can be directly injected into outer parts without the spraying process, which avoids environmental pollution caused by spraying products.

## Green Operation

The Company actively practices green and low-carbon operation, actively responds to requirements for environmental protection of the government, and carries out standard-compliance building for drainage units. During the reporting period, the Company has completed the standard-compliance certification of the first batch of drainage units,

and obtained the Permit for Urban Sewage Discharge into Drainage Pipe Networks issued by Huangpu District, Guangzhou. In daily work, the Company spares no effort to create a green office environment and effectively reduces the frequency of business trips through video conferences, so as to reduce operating costs as well as carbon dioxide emissions.



The Company has obtained the Permit for Urban Sewage Discharge into Drainage Pipe Networks

In 2021, **116,547** video conferences were initiated by all employees of the Company and the large-display equipment sector, which has reduced the operating costs of the Company, effectively reduced the energy consumption in office work of employees, and reduced carbon emissions in the Company's operating activities, so that a green office environment has been created

Case

Environmental Inspection

In May 2021, the Company carried out an environmental inspection in the First Industrial Park. Rectification measures were proposed against empty lubricating oil barrels in the vibration room, rain flooding in the sewage pipe network in the car washing zone, the discharge problem in the cooling tower wastewater pipeline and other hidden environmental dangers, including storing all the lubricating oil empty barrels together and entrusting a qualified hazardous waste recycler for treatment, inspecting the Company's rain and sewage pipes to ensure the diversion of rain and sewage, discharging sewage from the sewage pipeline of the cooling tower wastewater pipes into the sewage pipe network, etc.



Empty lubricating oil barrels placed in the vibration room



Sewage pipe network in the car wash zone



Sewage pipeline of the cooling water tower



Green procurement

The Company actively responds to the national "carbon peaking and carbon neutrality" goals, strives to achieve the two goals, and promotes the coordinated emission reduction of the whole supply chain. In 2021, the Company carried out a survey on carbon emissions and carbon footprints on its suppliers, covering the consumption and emissions of their suppliers' production process and product transportation processes, and provided corresponding training, to promote the suppliers to improve energy efficiency, reduce emissions and build a green supply chain. Meanwhile, the Company requires the suppliers to add corresponding recycling signs on product packages according to the materials used, so as to reduce the environmental burden and fulfill their social responsibilities.



Water resource management

The Company strengthens the management and protection of water resources, advocates water conservation, and eliminates excessive water use. The Company compares and analyzes the water consumption of the park every month, finds out and deals with abnormal water use in a timely manner, and carries out daily water conservation publicity to its employees, to build a water-conservation environment-friendly enterprise with all efforts. The effective utilization of water resources of the Company has reached 100%.

Case

Training for Suppliers in Carbon Footprint Calculation

In October 2021, the Company invited TÜV to train suppliers on carbon footprint calculation, covering 345 trainees in total.



Carbon footprint calculation training provided by TÜV for suppliers



Energy management

The Company has formulated the energy policy of "improving energy utilization efficiency and rationally utilizing renewable resources", to implement energy conservation management measures effectively. By the replacement of modulator tubes, centralized control of air conditioners, elevator energy-saving management and other means, the Company strives to achieve energy saving and consumption reduction. In 2021, the Company's measures to increase the centralized control of air conditioners saved 227,500 KW/h of electricity, which achieved the goal of saving 200,000 KW/h of electricity.

Energy conservation

- Replace fluorescent lamps with LED lamps, which can save 50% of electricity consumption for lighting and is expected to save 150,000 KW/h throughout the year
- Control air conditioners in a centralized manner
- Carry out energy-saving management for elevators by closing some elevators at night, to reduce power consumption

Specific measures to save energy



Hazardous waste treatment

The Company strengthens the standardized management of hazardous wastes, standardizes the completion and submission of hazardous waste transfer forms, promotes the information management of hazardous wastes, ensures the legal disposal of hazardous wastes according to law, effectively improves the environmental management capability of hazardous waste, and ensures environmental safety.



Hazardous waste transfer form

Green Management

The Company has established a sound environmental management system, continued to standardize green management, and kept improving its own environmental management capability, so as to build an environment-friendly and resource-conserving enterprise. During the reporting period, the Company has passed the ISO 14001 environmental management system certification.



In September 2021, the Hefei Industrial Park of the Company organized an afforestation activity

In 2021, the Company invested

RMB **700,000** in

environmental protection and

RMB **160,00** in energy

conservation and emission reduction



# Spreading Love and Giving Back to the Society

## Concept

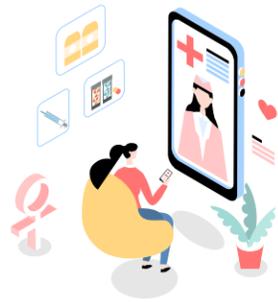
In 2021, China proposed "the third distribution", which once again clarified the significance of common prosperity. Guided by national policies, CVTE adheres to its social responsibilities, to spread love and give back to the society. While realizing its self-value, it has also successfully established an excellent image in the society.

## Our Actions

- Public welfare
- Rural revitalization
- Fighting the pandemic together

## Public Welfare

CVTE has always put social responsibilities in the first place, and actively mobilized the whole company to do public welfare work. From voluntary blood donation to public fund donation, the Company is committed to build a public welfare brand exclusively for CVTE from multiple perspectives.



In 2021, the Company carried out 6 social donations in total, helping with the progress and development of education, sports, technological innovation and many other fields.

Amount (RMB)	Usage
200,000	Support for the construction of teaching equipment and facilities of the Central Kindergarten of Xi'an Town, Lianzhou City
20,000	Sponsorship for an employees' sports event of Guangzhou Development Zone
500,000	Support for the establishment of the Guangzhou Academy of Greater Bay Area Studies
100,000	Support for the South China University of Technology Education Development Foundation of Guangdong Province
500,000	Support for the production of the "One Hundred Party Lessons for Teenagers"
300,000	Funding for the YAO Foundation to support the development of sports



In 2021, CVTE organized

**2** voluntary blood donation

activities, involving **372**

times of donation with

**74,600** ml of blood

in total

Over the years, the Company

has organized **13** blood

donation activities, involving

**2,747** times of donation

with **650,500** ml of

blood in total



Picture of a blood donation activity

## Rural Revitalization

The poverty alleviation work has come to a perfect conclusion, while rural revitalization is imperative. In 2021, CVTE continued to adhere to the principle of "being a warm-hearted enterprise for education", and was committed to the perfect connection between corporate education public welfare projects and poverty alleviation work, while continuing to help the development of technologies in rural areas.

### Seewo Public Welfare Campaign

Seewo is always on the road of charity. In 2021, "seewo Public Welfare Campaign" continued to make up for shortcomings of the "three classrooms" hardware facilities and software resources in some resource-poor rural schools and teaching sites, and donated a batch of distance teaching equipment to them. Meanwhile, in addition to the donated equipment, seewo has also strived to help improve the information technology capabilities of those teachers and school administrators, enhanced the teachers' information-based teaching capabilities, and provided training for the whole faculty, focusing on solving problems encountered in online teaching, online teaching research, operating practice and other processes, so as to enhance the teachers' basic ability to apply the "three classrooms" facilities. In addition, "seewo Public Welfare Campaign" has also jointly carried out "group aid" with the NCET, South Weekend, Liwan District Education Bureau and other organizations, to carry out the application practice of "three classrooms" by the teaching and teaching research organization modes of "teaching sites led by central schools" and "multiple sites led by one school and multiple school led by one school", so as to promote the fair and balanced development of education.



In 2021, seewo Public Welfare

Campaign donated over

**200** remote recording and

broadcasting classrooms

with an amount of over **14**

million, covering **156**

regions from 26 provinces a

nd accumulatively benefiting

nearly **18,000**

teachers and nearly

**280,000** students

Since 2016, seewo Public

Welfare Campaign has donated

**921** schools in total accu-

mulatively benefiting over

**45,000** teachers

**630,000** students.



seewo Public Welfare Campaign



Data poster for the public welfare campaign from 2016 to 2021

Case

The same course in urban and rural areas under the initiative of "Remote Classroom for 6 Schools in 3 Places"

In 2021, the Ministry of Education proposed the in-depth popularization of the application of the "three classrooms" application, to realize the institutionalization of the model of "resource-poor schools led by quality schools, and common teachers led by excellent teachers" based on information technology, and guide teachers to share and make good use of high-quality educational resources.

CVTE has actively responded to the requirements of the Ministry of Education and continued to promote the construction of remote "delivered classrooms". By donating seewo interactive smart tablets, recording and broadcasting equipment and other devices, seewo has helped rural schools to solve class recording, class listening and evaluation and other teaching and teaching research problems. It has also promoted the establishment of one-to-one aid pairs between rural schools and urban demonstration schools and enabled them to start cloud interaction with distant schools with just one click, so that rural schools that lack teachers and are unable to teach, teach enough or teach well the courses required by the state to share the same courses and quality resources with urban central schools.

The Company had conducted a number of field visits at the early stage, and finally set up a normalized remote "delivered classroom" for 6 schools in 2 areas of southern Guizhou and Liangshan, Sichuan, where just one screen can be used to introduce teachers who would educate other teachers and connect urban and rural schools, which has promoted the fairness and high-quality development of education, and ignited children's dreams of music, art, and calligraphy...

The excellent performance of "seewo Public Welfare Campaign" in 2021 has also won recognition from all walks of life. At the 7th China Brand Forum sponsored by People's Daily themed "Strengthening Brand Building and Promoting High-Quality Development", seewo won the "2021 China Corporate Social Responsibility Case Award".



Paintings presented by children in Liangshan, Sichuan to teachers of Guangzhou



Teachers give music lessons to the students living in Daliang Mountain and the south of Guizhou Province from Guangzhou

Donations to Muli County

With boundless love spread to Muli, CVTE has actively responded to the directional donation initiative of China Telecom's pan-intelligent terminal, donated MAXHUB conference tablets to the Civil Affairs Bureau of Muli County, to promote the development of the digital economy in the poverty-stricken area with technological products.



Certificate of Material donation to Muli County

Fighting the Pandemic Together

Since the outbreak of COVID-19, CVTE has set up a nucleic acid testing clinic to provide nucleic acid testing and vaccination services for its employees and their families as well as its customers. In 2021, the Company completed 18,475 times of vaccination and 37,216 times of nucleic acid testing. Meanwhile, the Company also provides employees with some health tips, such as maintaining a social distance and wearing masks correctly.

如何正确  
做好防护



CVTE's tips for pandemic prevention

Case

Anti-pandemic volunteers in Huangpu District

On June 19, 2021, the Company received an urgent notice from the Health Bureau of Huangpu District calling together medical volunteers to support some communities for nucleic acid testing. CVTE immediately assembled a team of 26 people, to fully support the communities to conduct nucleic acid testing for all residents there. After completing the first task covering 6,000 persons, a new task for 7,000 persons was received. Then the Company quickly assembled a team of 12 people to switch the shift with the original team.

Finally, after 14 hours of work, the medical team successfully completed 12,218 nucleic acid samples.



Picture of pandemic prevention volunteers in Huangpu District

## Key Performance

### Economic performance

Indicator	Unit	2020	2021
Total Assets	RMB 100 million	125.60	155.08
Operating Revenues	RMB 100 million	171.29	212.26
Taxes Paid	RMB 100 million	5.59	5.47
Total Profits	RMB 100 million	20.73	18.58
Earnings Per Share	RMB	2.91	2.61
Number of R&D Personnel	Person	2,112	2,374
Number of Patent Applications	Patent	1,130	2,010
R&D Investments	RMB 100 million	8.81	11.63
Customer Satisfaction	%	99.66	99.9

### Social performance

Category	Indicator	Unit	2020	2021
Employees and Community	Total Number of Employees	Person	4,779	5,427
	Labor Contract Signing Rate	%	100	100
	Social insurance coverage	%	100	100
	Proportion of female officers	%	32	24
	Physical examination coverage	%	100	100
	Number of employees trained	Person	3,220	3,416
	Employee health and safety investments	RMB10'000	2,761	4,195
	Total public welfare donations	RMB10'000	809	1,610
	Production safety investments	RMB10'000	400	300
	Times of safety training	Time	36	755

Note: The caliber for the times of safety training has been adjusted. The data of 2020 are only for the group platform, while the data of 2021 are the overall data covering all BUs.

### Environmental performance

Indicator	Unit	2020	2021
Total Environmental Protection Investments	RMB10'000	50	70
Power Consumptions	RMB10'000	1,600	2,599
Carbon Dioxide Emissions	Ton	-	21,358
Hazardous Substance Emissions	Ton	0.50	0.45

Note: The CO2 emissions are the data of CVTE First Industrial Park.

## Index of Indicators

Content	SDGs	GRI Standards	CASS-4.0
About This Report		GRI 101、GRI 102	P1.2、P1.3
Message from the CEO		GRI 102	P2.1、P2.2
Economic Responsibility		/	/
Long-term and Stable Operations	About CVTE	GRI 102	P4.1、P4.3、P4.4、G1.1 G1.2、G2.3、G2.4
	Compliant Operation	GRI 102	P3.2
	Risk Management and Internal Control	GRI 102	M1.1、M1.2
	Intellectual Property Protection	 GRI 419	M3.5
	Anti-Corruption	GRI 205、GRI 414	M1.3、M3.1、M3.7、M3.8 M3.10
Responsible Products Driven by Innovation	Technological Innovation	 /	M2.1、M2.4、M2.5、M2.6 M2.7、M2.9
	Quality Control	 GRI 416、GRI 417	M2.1、M2.2、M2.3、M2.4
	Industry Seminars	 GRI 102、GRI 201 GRI 203	M3.4、M3.6
Join Hands with Multiple Parties to Seek Shared Development	Customer Service and Communication	 / 	M2.1、M2.2、M2.3 M2.13、M2.14、M2.15 M2.16、M2.18
	Transparent Procurement	 GRI 308、GRI 414	M3.8、M3.15

Content		SDGs	GRI Standards	CASS-4.0
<b>Care for Employees in a People-Oriented Manner</b>	Recruitment of Employees		GRI 401、GRI 402 GRI 405、GRI 406	S2.1、S2.2、S2.7、S2.8
	Growth of Employees	 	GRI 404	S2.14、S2.15
	Care for Employees		G407	S2.17、S2.18
<b>Green-Oriented Environmental Governance</b>	Green R&D		GRI 301、GRI 302	E2.2、E2.7、E2.8
	Green Operation		/	E3.1、E3.2
	Green Management		GRI 103	E1.1、E1.8
<b>Spreading Love and Giving Back to the Society</b>	Public Welfare		/	S4.6
	Rural Revitalization	 	GRI 413	S4.5、S4.6、S4.12
	Fighting the Pandemic Together	 	GRI 413	/
	<b>Key Performance</b>		GRI 102、GRI 201	A2
<b>Index of Indicators</b>		GRI 102	A5	
<b>Feedback</b>			A6	

## Feedback

Dear readers:

Thanks for reading the 2021 Corporate Social Responsibility Report of Guangzhou Shiyuan Electronic Technology Company Limited. In order to provide you and other interested parties with more valuable information, and effectively promote the Company's ability and level to fulfill corporate social responsibility, we sincerely look forward to your comments and suggestions.

### Multiple-choice Questions (please tick ✓ in the appropriate place)

1. Your overall assessment of this report:

Very good     Good     General     Poor     Very poor

2. How do you evaluate the response and disclosure of this report to the concerns of interested parties?

Very good     Good     General     Poor     Very poor

3. What do you think of CVTE's performance on economic responsibility?

Very good     Good     General     Poor     Very poor

4. What do you think of CVTE's performance on environmental responsibility?

Very good     Good     General     Poor     Very poor

5. What do you think of CVTE's performance on community responsibility?

Very good     Good     General     Poor     Very poor

6. Are the information, indicators and data disclosed in this report clear, accurate and complete?

Very good     Good     General     Poor     Very poor

7. Do you think the content arrangement and layout design of this report are easy to read?

Yes     No

### Open-Ended Questions

Do you have any comments or suggestions on this Report and the performance of Guangzhou Shiyuan Electronic Technology Company Limited on its social responsibility?

---



---



---

### Your contact information:

Name: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Email: \_\_\_\_\_  
Employer: \_\_\_\_\_  
Post: \_\_\_\_\_  
Address: \_\_\_\_\_

**You can send us your valuable comments or suggestions by phone, e-mail or express delivery service. Our contact information is as follows:**

Contact department: Office of Board of Directors  
Tel: 020-32210275  
Email: shiyuan@cvte.com  
Address: No. 6, Yunpu No.4 Road, Huangpu District, Guangzhou  
Zip code: 510530



Tel: 020-32210275

Address: No. 6, Yunpu No.4 Road, Huangpu District, Guangzhou

Email: shiyuan@cvte.com

Online interactive:<http://www.cvte.com>

