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EMBRACE A SUSTAINABLE FUTURE

ESG REPORT

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ESG REPORT

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EMBRACE A SUSTAINABLE FUTURE



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About Us

Founded in1997, DNS is one of the world's leading professional digital accessories suppliers.
Our headquarters is located in Shenzhen, Guangdong province with over 3000 employees globally.
Over the past 29 years, DNS has reinforced its leading position and a reliable reputation in the mobile accessories industry servicing TOP brands and retailers worldwide.

3000 Employees

29 Years

2 Factories

DNS Culture

At DNS, we uphold a Diligent and Sincere attitude in everything we do.

Mission:
To empower people to enjoy the convenience and excitement of life through consumer electronics accessories

Management Goal:
To achieve sustainable development and harmonious win-win outcomes

Vision:
To become an outstanding and sustainable enterprise

Values:
Integrity, responsibility, enterprising and win-win

ESG O-Chart

Protect the environment and cherish life, we solemnly pledge to society:
Comply with environmental laws and regulations, reduce pollution, save energy, and continuously improve environmental protection.

LEADER FOR DECISION MAKING

STUDY AND DIRECT

CONTROL & IMPLEMENT



PART

01

Environment



Green Initiatives for Carbon Neutrality



Carbon Emission Targets

Category		2025 Sustainability Goals	2025 Progress
Carbon Neutrality	Scope 1	1. Achieve peak corporate carbon emissions by 2030 (i.e., reach a peak of 10,000 tons of carbon emissions) 2. By 2035, reduce corporate carbon emissions by 50% compared with the 2024 baseline for Scope 1 and Scope 2 emissions	383.72
	Scope2		1277.33
Resource Management	Electricity consumption	Reduce consumption per RMB 10,000 of output value by 15%	25%
	Photovoltaic power generation	Increase by 15% compared with 2024	19.6%
	Clean electricity	100 million kWh	130 million kWh
	Water Resource Management	Reduce annual water consumption per unit of product (PCS) by 8%	13%
Natural Gas		-10% compared to 2024	-42%

Eco-friendly Products

Category	2025 Sustainability Goals	2025 Progress	Remarks
Recycled Materials	Full product line using recycled materials	100% achieved	
	>25% recycled material usage in products	Cables: >70% recycled material	Industry-leading
Harmless materials	Managed under IECQ QC 080000, with raw materials compliant with RoHS, REACH, PFAS, PPWR, and other international environmental regulations	All raw materials achieved	
Low-carbon Product Development	Ultra-low carbon product development	Cables: up to 80% recycled material Successfully developed 2 ultra-low emission products	Industry-leading

Eco-friendly Products

Recycled Material Application





100% R-PVC / TPE / Silicone / Nylon / PET

50%-100% R-Copper

50-100% R-AL



98% PCR



50% PCR



35% PCR



35% PCR



35% PCR



50% PCR

Colorful Eco-friendly Series



Eco-friendly Products Certification

RoHS

REACH COMPLIANT

Global Recycled Standard



"GRS" Certification (Global Recycled Standard Certification)



Halogen-Free and Lead-Free Test Report



"PCF" Product Carbon Footprint Certification



"PCF" Carbon Footprint Accounting Group Standard

Eco-friendly Products

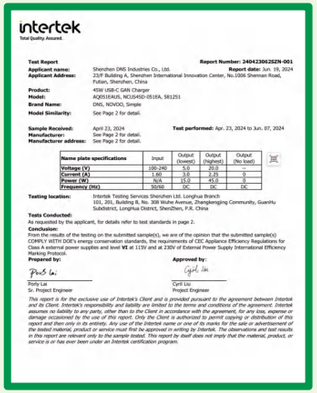
Low-Power & Energy-Saving Solutions

>90% Power Conversion Efficiency

NRCAN



CEC / DOE



ZSP Zero Standby Power Technology

Standby power: < 0.005 W, 93% energy savings

Standby carbon emissions: 95% lower than other chargers



Solar Charging Technology

Smart Tag with solar charging

Ultra-low power consumption: <15 μA



Lightweight Design

- Reducing material use and production energy
- 5,000mAh capacity in a 10.4mm, 120g body
- Graphene cooling keeps charging below 40°C
- Reduces port wear and extends product life



Integrated Functional Design

All-in-one:

- Effectively reduces raw material usage, production energy consumption, and logistics volume, thereby lowering greenhouse gas emissions
- Extends product lifespan and reduces resource consumption.



Power Bank+ Cable +AC Plug | 240W 5C1A GaN TFT Charger + Type-C Cable | 3-in-1Foldable Wireless Charger with Stand | 14-in-1Mac MST Docking

Space-saving Design

- ✓ PCBA Stacking Technology
- ✓ High Power Density Upgrade
- ✓ 0.5 W/cm³ - 2.0 W/cm³



Extended LCA Design

GaN Technology:

2-year extension in product lifespan

(Life Cycle Assessment verified)



Modular, Recyclable Design

Modular design enables categorized recycling



Eco-friendly Packaging

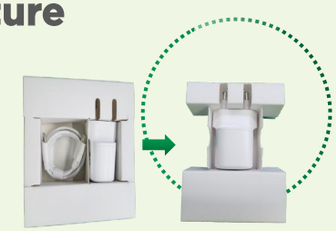
Sustainable Materials

Uses **FSC-certified paper, bamboo fiber**, and other plant-based materials to ensure sourcing from sustainably managed forests



Simplified Structure

- ✓ Streamlined lining design with reduced packaging dimensions
- ✓ Achieves energy conservation and carbon reduction



Plastic-Free Initiative

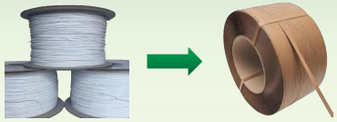
Paper Box：Replaces Blister Box
Achieves 70% recycling rate & >40% carbon reduction

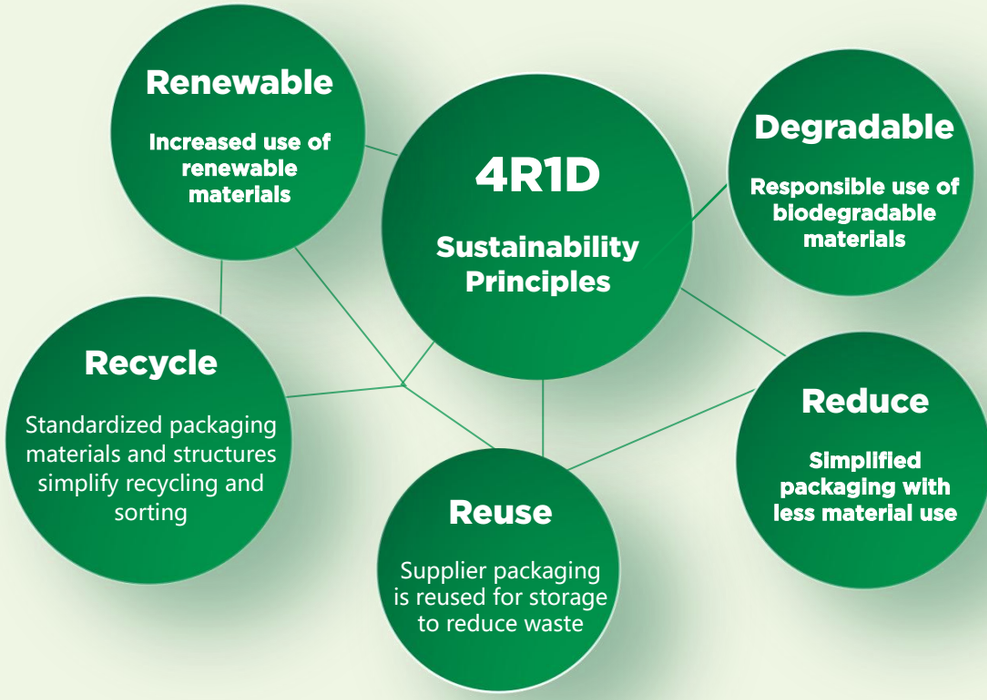


Paper Inner Lining：Replaces Plastic Lining
Uses 50% less material & reduces 80% emissions



Paper Cable Ties：Replaces PE Ties
Cuts >85% emissions & saves 80% water usage





Category	2025 Sustainability Goals	2025 Progress
FSC-certified materials	15%	20%
Plastic-free	80%	85%
Simplified Structure	50%	55%

Sustainable Manufacturing & Management

Green Energy

2025 Progress:

1.Investment in photovoltaic power generation & solar water heating systems:

- ✓ **14,000㎡** solar panel area
- ✓ **1.37 million** KWH Annual power generation

Equivalent to: Powering 500 Chinese households for 1 year / 3.5 million km of EV driving

Reduced 723.4 tonnes of CO_2, equivalent to planting 40,200 trees.

2.Purchased 1,300 Green Electricity Certificates, representing 1,300 MWh of clean energy and reducing 689,000 kg of CO_2.



Low-Carbon Lifestyle

- Employee dorms use **solar water heaters** to save energy
- Key areas like cafeterias and workshops have **advanced air filters** to reduce pollution
- DNS **partners with bus companies &** DiDi platform for staff shuttles and provide **EV charging stations** to promote green travel, **reducing carbon emission of 9,270kg**
- Added 450 m^2 of lawn and trees along the perimeter
- Expanding green spaces to enhance carbon sequestration and reduce carbon emissions



Green Office

- **Centralized workspace** planning to reduce lighting needs
- **Switch off:** Switch off all lights & air conditioner when leaving offices
- **Paperless office initiative:** duplex printing mandatory for essential documents**Motion/light-activated illumination** in public areas (hallways, corridors) to eliminate unnecessary consumption
- In support of Earth Hour, lights are switched off daily from 12:30 to 1:30 p.m.



Automated Manufacturing

Automated processes, describe the improvement in efficiency, and convert aging energy into thermal energy for utilization

The cable production workshop:

cutting, stripping, trimming, tin-dipping, soldering, glue-dispensing, and crimping

- **The electronics SMT workshop:**

board loading, printing, SPI, component placement, reflow soldering, and AOI inspection

- **The electronics DIP workshop:**

Smart auto-insertion and combined testing (semi/full automated)



Water Resource Management

Water-saving Process Optimization

- ✓ **Optimize production processes**, set precise water-use targets
- ✓ **Minimize freshwater consumption**, and strictly control overall water use

Baseline Water Use for Cable Production

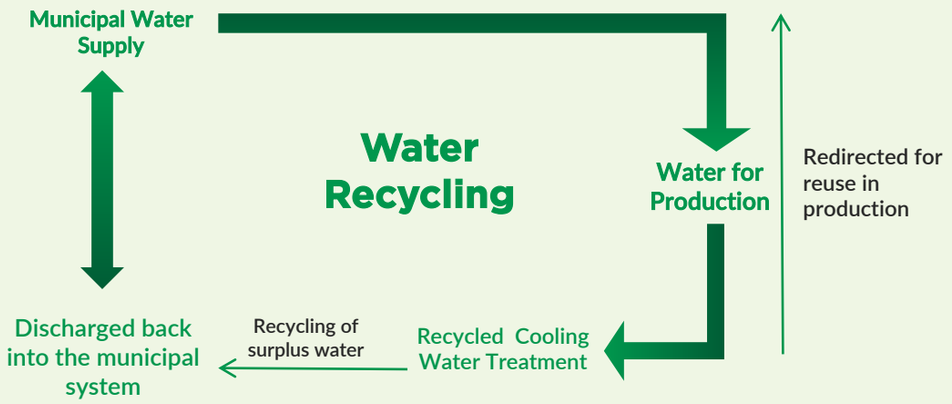
Process	Baseline Water Use	Optimized Water-Use Target
Extrusion Cooling	0.8 m³/km	0.2 m³/km
Cable Surface Cleaning	0.3 m³/km	0.05 m³/km
Stranding Humidification	0.1 m³/km	0.02 m³/km
Laboratory Testing	0.5 m³/batch	0.15 m³/batch
Workshop Floor Cleaning	2 m³/day	0.5 m³/day

Water-Saving Inspections

- ✓ Regularly **inspect water systems** to prevent leaks and waste
- ✓ Optimize water-intensive processes based on usage data
- ✓ Create a closed loop of inspection, correction, optimization, and improvement

Water Recycling

- ✓ Establish a **closed-loop water recycling system** to collect, settle, filter, and purify production waste water
- ✓ **Reuse treated water** that meets quality standards for equipment cooling, production-line cleaning, site washing, and equipment maintenance
- ✓ Recycle wastewater to reduce freshwater consumption





Water Recirculation Cooling Tower

Pollutant & Waste Management



Waste Management

1.Set up hazardous waste records & storage
2.Collect and store production hazardous waste properly
3.Sign yearly disposal contracts with certified vendors
4.Conduct annual EHS training for staff

Pollutant Management

1.Develop controls for exhaust, noise, and chemicals
2.Arrange regular emission testing by certified labs to ensure compliance

Industrial Emission Management

1.Emission control measures to ensure good air quality in the factory, such as:
2.Workshop exhaust systems
3.Canteen fume filters

Category	2025 Sustainability Goals	2025 Progress
Industrial Waste	Waste Classification	100%
	Compliant Disposal of Hazardous Waste	100%
	Recycling and Reuse of Plastic Materials	100%
Industrial Emissions	Compliant Discharge of Industrial Exhaust Emissions	100%
Wastewater Discharge	Compliant Discharge of Production and Domestic Wastewater	100%
	Maintenance of Rainwater and Sewage Pipe Networks and Facilities	100%
Training	Training on Waste Classification and Management	≥2 times

Third-Party Testing Report


危险废物转移联单


检 测 报 告


城镇污水排入排水管网许可证

Honors & Awards

Huizhou Factory Recognized as a Green Factory



GRS (Global Recycled Standard) Certification



CDP Climate Change Disclosure Rating: B





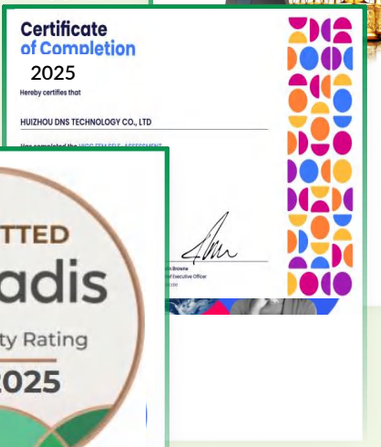
Carbon Reduction Master <The Gigaton Initiative> Premium Tier



Won EcoVadis "Commitment Award" Ranking up 2%



HIGG FEM



Sustainability Awards



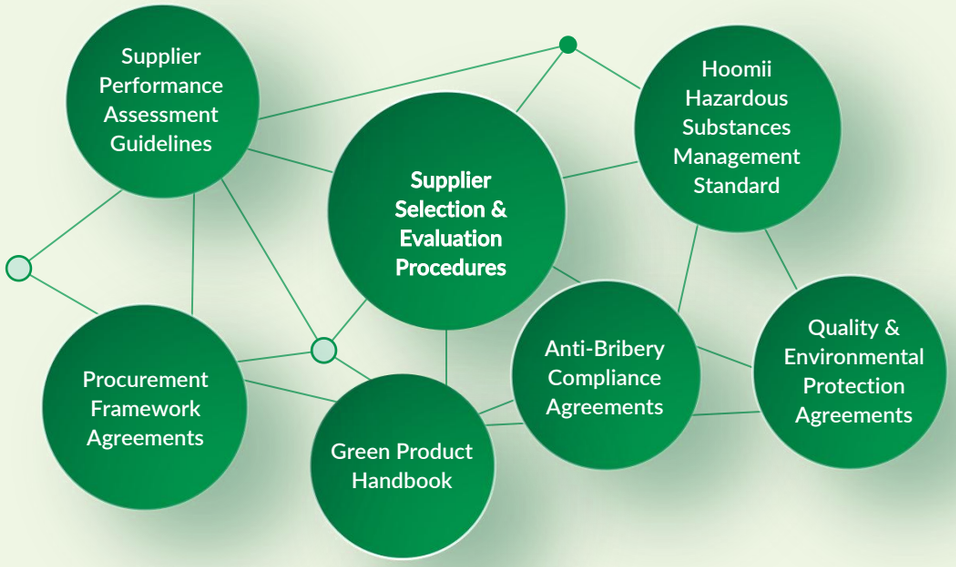
Green Supply Chain

Sustainable Supply Chain Strategy: We integrate sustainable practices to build a resilient supply chain.

Supply Chain Center manages:

- Supplier development, qualification, reserves, and commercial negotiations
- Procurement resource optimization, risk Mitigation, cost control, and compliance

Governance Framework： segregated duties with balanced integrity, efficiency, and oversight, supported by:





Category	2025 Sustainability Goals	2025 Progress
Sustainable Foundation	Supplier scoring: Quarterly multi-criteria reviews, eliminate repeat low performers	14 underperforming suppliers phased out
	Supplier training: Drive green compliance (RoHS / GRS / Higg)	•2 green procurement trainings
Green Operations	Preferred buying: Priority to sustainable suppliers	Onboarded 1 new GRS-certified supplier
	Smart logistics: Optimize transport (e.g., consolidated shipments, reduced frequency, prioritizing EV / rail) to lower carbon emissions per ton	•Implemented consolidated shipments •Prioritized new energy vehicles (EVs)
	Eco-Packaging: Source FSC-certified packaging suppliers and promote reusable / recyclable materials	90% suppliers FSC-certified

Category	2025 Sustainability Goals	2025 Progress
Supplier onboarding review rate	97%	98.2%
Supplier Code of Conduct signing rate	100%	100%
Procurement framework agreement signing rate	100%	100%
Quality & environmental agreement signing rate	100%	100%
Anti-bribery agreement compliance rate	100%	100%
Regular updates to approved supplier list	Quarterly	100%
New material supplier development count	4 Annually	4

PART

02

Social



Social Responsibility & Initiatives



Factory Management System Certification

Responsible Business Alliance
Advancing Sustainability Globally



BSCI
Business Social Compliance Initiative



Sedex



SCAN





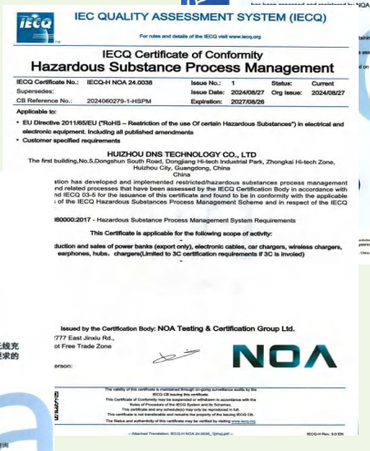
ISO14001



ISO45001



QC080000



ISO9001



Product Safety & Quality

Lab Goals:

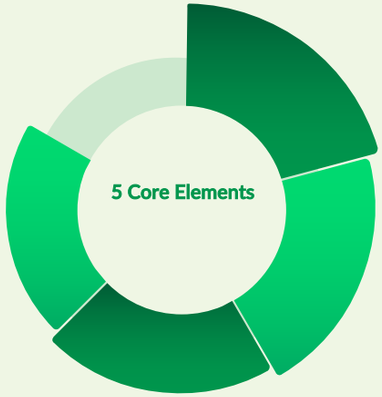
- Build ISO 17025 & CNAS-certified lab
- Develop DNS Lab into an accredited third-party tester

Quality Goals:

- Implement IATF 16949's 5 core tools (APQP/PPAP/FMEA/MSA/SPC)
- Achieve automotive-grade quality & safety

Quality System Assurance

- Sustainable Product Quality
- Sustainable Supply Chain
- Sustainable Manufacturing Management
- Full-Lifecycle Compliance Management



Continuous Improvement and Performance Measurement

Global Safety Certification





Obtained 1,036 compliance certifications worldwide, including MFi, UL, ETL, CE, PSE, CCC, FCC, and more

Industry-leading Testing Laboratory

1200 ㎡, 300+ advanced instruments
Support testing: Environmental, Electrical, Compatibility, Physical, Reliability, Material Elemental Analysis



Mutual Recognition Arrangement
ITS Satellite Lab: Authorized for IEC 62368 Standard Testing
SGS Strategic Partnership: Authorized for MFI, USB, Type-C, HDMI, and Other Testing



NTEK & STS-DNS Strategic Partnership:
Priority Service Provision



Expansion of the Testing Capabilities

- ✓ Quality and Safety of Batteries and Power Banks: Strengthening the laboratory's capabilities for compliance testing against the new national standards for power banks
- ✓ Electrical Safety: Establishing fault-testing and creepage-and-clearance laboratories
- ✓ Chemical Resistance Testing Laboratory



Battery Safety Laboratory



Temperature Rise Testing Laboratory



Fault-Testing Laboratory

Product Safety & Quality

Quality Month Activities

These include quality awareness training, quality culture promotion, skills competitions, improvement proposal campaigns, and quality recognition programs.

Category	2025 Sustainability Goals	2025 Progress
Customer Complaint Reduction Rate	25% decrease compared with 2024	47% decrease
Customer Satisfaction	≥90 points	91 points
Major Quality Incidents	Zero incidents of personal injury	0
	Zero incidents involving environmental non-compliance	0
Quality Culture Development	Conduct Quality Month activities, improvement proposal initiatives, and other programs	Progressing as planned







Drive Industrial Advancement

Engage in Industry Association Partnerships

USB · qi2 · HDMI · Bluetooth · VESA

广东省电线电缆行业协会 GUANGDONG WIRE AND CABLE INDUSTRY ASSOCIATION

广东省连接器协会 GUANGDONG CONNECTOR ASSOCIATION

Lead the Formulation of Industry Standards

1. Assessment requirements for quality grading and forerunner-Type-C connectors for mobile terminal

2.Unified MultiMedia Interconnection Compliance Test Specification Part 1-1: Connectors and Cables

3.Shenzhen Market Regulation Administration on Adding New Shenzhen Standard Certification Catalogues and Corresponding Implementation Rules:

- 8K UHD Multimedia Transmission Cable
- USB Charging & Data Cable

Standard Document



Corporate Standard Leader



Product Innovation

Cable

Certified Product

The world's second to achieve PPID certification



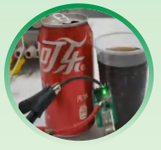
Patented Product



Y-Cable Design Achieves Patent Avoidance & PPID Certification



Arc-Resistant Data Cable (Patent Pending)



Liquid-Protected Data Cable (Patent Pending)

Innovative Materials



Photochromic materials



Fluorescence materials



Thermochromic materials



New high-temperature-resistant materials

Innovative Cable



Data transfer + charging + phone lanyard

Magnetic Cable

European Patent: EP25177168.9
Utility Model Patent:
202520766129.7 202520932154.8
PCT: PCT/CN2025/091629
PCT/CN2025/095351



AI Smart Voice-Control Cable

No app required—control your air conditioner by voice



Charger

- 67W：Smallest size in its class
- 100W：Industry's first dual-stage power reduction design
- 140W：World's first >94% board-level conversion efficiency, ultra energy-efficient and eco-friendly



67W



100W



140W

SmartTag

- First dual-network (Apple / Google) product
- Industry-first CE4 safety certified patents
- Pioneer card-style dual-mode device



UWB Low-Power Products

- Low-power design with a standby current of ≤15 μA
- Replaceable battery design for repeated product use
- Modular design for easy disassembly and waste sorting and recycling
- Dual-mode integration technology for flexible selection



Employee Rights, Care & Engagement

Rights Protection

- ✓ **HR Management System:** Standardized processes for: Recruitment, Compen sation & Benefits, Career Advancement
- ✓ **Worker Representation:** Employee committees & unions
- ✓ **Workplace Rules:** No harassment / discrimination, No child labor, No forced overtime
- ✓ **Employee Protection:** Safe restructuring, Health & safety first, Secure data systems

Equality & Diversity

- ✓ **Non-Discrimination Policy：**
  We strictly prohibit any discrimination or unfair treatment based on: Gender, Disability, Ethnicity, Religion, Marital status, Political affiliation, Union membership
- ✓ **Workforce Composition (2025):**
  Gender Ratio: 1.2 : 1 (Male:Female)
  Ratio of Chinese to foreign employees: 1 : 0.8

Club Activities & Training Programs

- ✓ **Employee Wellbeing & Development Initiatives Health & Wellness：**
- ✓ **Established employee clubs** (basketball, badminton, table tennis, hiking, run ning), weekly organized activities with company sponsorship
- ✓ **Professional Growth:** 25 internal training sessions scheduled for 2025

Employee Welfare Fund

- ✓ **DNS maintains an annual welfare fund to support:**

Staff trips & outings
Festival celebrations
Birthday events
Annual health checkups

Employee Assistance Fund

- ✓ Employee support fund **helps staff and families during hard times:** serious illness, major accidents,unexpected crises

Care for Female Employees

- ✓ **Beyond statutory maternity benefits** (prenatal check-ups, maternity leave, and childcare leave)
- ✓ DNS also offers:
  Postpartum meal allowance
  Nursing rooms
  Priority parking for pregnant staff

Disability Inclusion

- ✓ Maintains 7+ years of average employment for **10 staff members with disabilities**
- ✓ Observes **UN Disability Day** with dedicated activities

Employee Rights, Care &Engagement

Employee Activities / Clubs

Basketball Team



Badminton Club



Outdoor Team Building



Outdoor Hiking



Table Tennis



Canoeing Competition



Employee Benefits



Mid-Autumn Festival Gifts



Birthday Celebrations



Women's Day Benefits

Safety Training & Emergency Drill

Dilution of chemical spill



Personnel evacuation drill



Clean-up of chemical spills



Safety Training



Training coverage rate: 100%



Total training hours: 103217H



Society & Employee Care

2025 DNS Disability Support Event









Category	2025 Sustainability Goals	2025 Progress
Improvement and Suggestions	Employee Rationalization Suggestions	275
Cultural Development	Number of employee participations in cultural development activities	24
	Number of employee participations in club activities	300
Communication Meetings	Number of employee communication meetings	13
Satisfaction Survey	Employee satisfaction survey score (out of 100)	95

Giving Back to Society & the Community

Employment & Talent Development Support

- ✓ Actively fulfill corporate social responsibility by promoting local employment and talent development, and providing job opportunities for local communities
- ✓ Organize skills training and internship programs to enhance the capabilities of the local workforce
- ✓ Support local supply chains by prioritizing local service providers and materials, thereby stimulating regional economic growth

Employment Promotion

- ✓ Employment in 2025: 1,600 people
- ✓ Total employment:： 125,000 people (from 2003 to 2025)

Internship Positions

Total Internship Positions Provided

Supply Chain Support

142 local suppliers, accounting for 94.6% of the supply chain

Public Welfare & Livelihood Support

Actively engage in public welfare initiatives, including :

Blood donation, monetary and in-kind donations, support for disadvantaged groups, holiday outreach visits, and educational and hardship assistance

Voluntary Blood Donation



Co-development of the Community Environment

- ✓ Support the development of community public facilities and green spaces
- ✓ Participate in volunteer activities to improve the living environment

Community Clean-Up Drive



Emergency & Disaster Response

Respond promptly to emergencies and disasters, such as fires, floods, and pandemics, by providing material and human resources support

Joint Fire Response Drills



Post-Typhoon Resumption of Work & Production Efforts



PART

03

Governance



Sustainable Governance Practices

Governance Measures

Compliance Risk Control & Business Ethics

2025 Audit Summary:

- 12 audits conducted (finance, projects, procurement, inventory, IT)

Environmental Regulations



Patent Laws



Customs Regulations



Business Law Essentials



Contract Legal Risk Prevention



Employee Integrity & Anti-Corruption



Information Security Management

Employee Security:

- Define roles before hiring
- Limit unnecessary access

Asset Security:

- Assign leak accountability, identify assets, and set rules
- IT conducts regular risk checks and security tests



Physical Security:

- Isolate secure areas
- Allow entry only to authorized staff

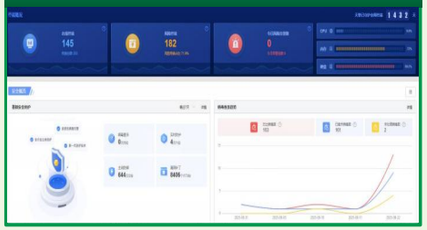
Access Security:

- Set rules for information use
- Control passwords and authorizations

Cybersecurity Awareness Training



Corporate Information Security & Asset Management Platform



Governance Measures

Incentive Mechanism

Outstanding QCC Activity Team Award



Outstanding Team Leader Award



Outstanding Employee Award



Outstanding Team Award



Product Intellectual Property Management

DNS has been recognized as a **National High-Tech Enterprise,** meeting national standards in IP, R&D, and innovation.
Additionally, DNS has an **IP management team** with streamlined processes for patents and innovation.



Invention Patents	Utility Model Patents	Design Patents	PCT & Foreign-filed Patents	Software Copyrights	Total
65	363	241	58	25	752