



Environmental, Social and Governance Report 2025



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A Letter from Our CEO

CDNetworks believes that enduring business success must be built on more than technology alone. It must be grounded in how we operate—in ways that reflect our core values of responsibility, integrity, and long-term thinking, and that serve the interests of all our stakeholders: our customers, employees, partners, communities, and the planet.

Over the years, CDNetworks has grown from a trusted content delivery provider into a global edge platform delivering integrated infrastructure, security, and acceleration for customers around the world. While our business has evolved, our commitments have not wavered. We continue to be driven by responsible innovation, operational integrity, and a passion for solving the complex technological challenges that define today's digital landscape. These principles guide every decision we make and strengthen the trust our customers place in us.

As a company built on technology, we recognize that our impact extends far beyond network performance. Our role in the digital ecosystem carries responsibilities across key areas: **reducing environmental impacts, safeguarding data,**

supporting our people, and building transparent and ethical business practices. This report outlines our progress in these areas—advancing energy efficiency in our infrastructure, reinforcing data protection and cybersecurity, nurturing talent, supporting local communities, and strengthening governance across our operations.

We are proud of the dedication shown by our teams. Their professionalism, creativity, and commitment to doing the right thing—each and every day—have shaped the achievements highlighted in this report. At the same time, we know there is still more to be done. ESG is not a one-time initiative but a continuous journey. Looking ahead, we will remain steadfast in our commitment to integrating ESG considerations even more deeply into our strategy, from infrastructure deployment to supply chain management and product development. Thank you for your continued confidence and partnership. Together, we can contribute to a **stronger, safer, and more sustainable** digital world.



About This Report

This inaugural Environmental, Social, and Governance (ESG) Report marks a transformative milestone in our corporate journey. It provides a transparent look at our evolution, demonstrating not only how far we have come, but also how deeply we remain committed to shaping a more sustainable, secure, and inclusive digital future.

The purpose of this report is to provide a comprehensive account of our progress with respect to environmental stewardship, social impact, and ethical governance, primarily focusing on the 2025 calendar year. Unless otherwise stated, the data and initiatives disclosed herein encompass all global operations under our direct control. This report highlights not only our strategic initiatives and performance metrics but also the collaborative spirit of our employees and partners who bring our ESG vision to life. To ensure rigor, comparability and alignment with global best practices, the report has been prepared with reference to leading international sustainability frameworks, including

but not limited to the Global Reporting Initiative (GRI), Sustainability Accounting Standards Board (SASB) standards and the Task Force on Climate-related Financial Disclosures (TCFD) recommendations. These frameworks guide our approach to identifying material topics, managing relevant risks and opportunities, and communicating our efforts to stakeholders in a structured and meaningful manner.

We are committed to the highest standards of data integrity. The information presented has undergone an internal review process, and we continue to enhance our ESG data collection systems to ensure future external assurance readiness. We welcome your perspectives on our progress and invite you to share your feedback at <https://www.cdnetworks.com/contact>.





About CDNetworks

CDNetworks, founded in 2000, is an APAC-leading network dedicated to helping businesses deliver fast, secure, and reliable digital experiences to users worldwide.

With a global infrastructure of more than **3,000 Points of Presence in 90+ countries and regions**, we offer a comprehensive suite of services, including web performance, media delivery, cloud security, edge computing, and colocation solutions. We operate more than **10 offices and R&D centers globally**, with teams across key markets including the **UK, the US, the UAE, Singapore, Malaysia, China, Japan, and South Korea**. This global presence enables us to stay close to the industries we serve and innovate alongside our customers.

By combining global reach with deep edge expertise, CDNetworks empowers organizations to accelerate performance, safeguard digital operations, and drive business success.



2000

Founded Year

90+

Countries & Regions

3,000+

Global CDN PoPs

10+

Global Offices & R&D Centers



Our Vision, Mission and Core Value



OUR MISSION

To Deliver the Fastest and Most Secure Digital Experience at the Edge.

At CDNetworks, our mission is to deliver fast, secure digital experiences at the edge through continuous innovation. We operate a reliable global network that supports critical online services with resilience, performance, and security. We are also committed to sustainability by improving energy efficiency, optimizing resources, and reducing environmental impact, contributing to a more secure and connected digital future.



OUR VISION

Advancing a trusted and intelligent digital future.

CDNetworks aims to build a trusted and intelligent digital future through secure, high-performance infrastructure that enterprises can rely on. We enable organizations to operate safely and grow responsibly by combining intelligent edge capabilities with global connectivity, strong security, and compliance, delivering dependable digital experiences worldwide.



CORE VALUE

Customer Impact First

We focus on creating meaningful, long-term value for our customers and partners.

Reliability by Design

We build with discipline, consistency, and accountability—because trust is earned, not claimed.

Technology with Purpose

We pursue innovation that solves real problems and drives practical progress.

Global Mindset, Local Insight

We think globally while respecting local markets, cultures, and needs.

Continuous Evolution

We learn, adapt, and improve—because progress never stands still.



Material ESG Topics and Stakeholder Engagement

- Materiality Assessment
- Key Stakeholders
- Priority Topics



Materiality Assessment

CDNetworks conducts a rigorous and structured materiality assessment to ensure that the ESG topics included in this report reflect both the company's strategic priorities and the expectations of our stakeholders. Rather than relying on subjective judgment, our assessment follows an evidence-based methodology designed to identify issues that have significant impact on our business performance, long-term resilience, and external stakeholder interest. Two primary evaluation dimensions guide this process: the potential impact of each topic on our operations and value chain, and its importance to stakeholders across the digital ecosystem.

Our assessment framework consists of four key stages:



Identification

Mapping a broad universe of ESG topics by using globally recognized frameworks such as SASB and TCFD, combined with industry-specific trends in the ICT sector. This ensures coverage of topics commonly considered material for digital infrastructure providers.



Prioritization

Evaluating the relevance of each topic using feedback collected from both internal stakeholders and external stakeholders. This process assesses each topic's business relevance, risk exposure, and societal importance.



Validation

The ESG Working Group reviews and validates the assessment results to ensure alignment with CDNetworks' operational context, strategic roadmap, and emerging regulatory expectations.



Monitoring and Review

Recognizing the dynamic nature of ESG issues, we update our materiality assessment regularly. A comprehensive reassessment is conducted annually or sooner if significant industry or regulatory developments arise.



Key Stakeholders

Stakeholder engagement is fundamental to CDNetworks' ESG approach. We believe that proactive, structured communication—rather than passive response—is essential to building trust and ensuring our sustainability strategy remains relevant and impactful. Our key stakeholder groups play distinct roles in shaping our priorities, and their feedback informs every stage of the materiality assessment.

CDNetworks engages with stakeholders through a variety of channels, including customer satisfaction surveys, supplier evaluations, regulatory consultations, employee engagement programs, industry forums, and community initiatives. These interactions help us identify emerging concerns, validate strategic focus areas, and better understand expectations related to environmental performance, digital trust, responsible operations, and social impact.

Our primary stakeholder groups include:





Priority Topics

Based on the results of our materiality assessment and extensive stakeholder engagement, CDNetworks has identified a set of priority ESG topics that form the foundation of our sustainability strategy, including:



Energy Efficiency and Carbon Footprint Management



Green Infrastructure and Resource Optimization



Data Protection and Cybersecurity



Employee Health, Safety, and Development



Diversity, Inclusion, and Equitable Opportunities



Responsible Product and Service Delivery



Corporate Governance and Ethical Conduct



Compliance and Risk Management



Responsible Business Practices Across the Value Chain



Environmental Stewardship

- Energy Efficiency and Carbon Footprint
- Green Infrastructure and Innovation
- Saving and Recycling Practices in Daily Operations
- Biodiversity



Energy Efficiency and Carbon Footprint

At CDNetworks, environmental responsibility is a core operational principle. We are committed to tracking and improving our key sustainability metrics, understanding that consistent, incremental progress is essential to reducing our ecological footprint.



86%

Clean Energy



1.14

MWh per PB of Capacity



1.38

Average PUE



23.1%

Capacity Growth YoY %

In 2025, we continued this journey by enhancing the efficiency of our infrastructure and increasing our reliance on clean energy sources. The positive percentage improvements in our metrics reflect our ongoing dedication. Importantly, we view our efforts not in isolation, but as a positive force within our value chain, helping to elevate the environmental performance of our partners and clients who rely on our digital infrastructure.

We believe that even as a focused player, our deliberate actions in managing energy consumption, optimizing resource use, and prioritizing renewable power contribute meaningfully to the broader climate solution. By systematically improving our year-over-year performance in areas like carbon intensity and energy efficiency, we not only minimize our own operational impact but also provide a more sustainable foundation for the services our partners and customers deliver. Our progress is a shared value, reinforcing a responsible ecosystem.



Clean Energy

CDNetworks has a long history of pursuing ever-greater network energy efficiency. Through these efforts, CDNetworks has been able to maintain consistent energy consumption levels despite unrelenting growth in customer data volumes.

As a major source of emissions within our carbon footprint, energy has, and will continue to be, a critical focus area. Over many years, we have continuously improved our energy mix. Depending on the location, we use different approaches to source renewable and clean energy.



Circularity

Electronic components contain scarce and valuable raw materials, so we must ensure circulation in the production-usage-recycling loop. To transition from a linear to a circular approach, CDNetworks has set targets to reuse, resell, or recycle 100% of dismantled equipment. CDNetworks models activities according to the waste hierarchy, where the goal is to move towards the most favorable option: minimizing resource depletion and preventing waste wherever possible.





Grow Our Digital Infrastructure Sustainably

We commit to decarbonizing and minimizing environmental impact while enabling our customers to leverage the full potential of the digital economy through high-performance data centers.



Green Data Centers

As digital transformation accelerates and AI workloads surge, the demand for sustainable IT data centers has never been greater. CDNetworks choose the partners which lead this transformation with comprehensive green data center solutions that reduce emissions and don't compromise on performance, reliability, or security. We deliver capacity for a sustainable digital future, helping our customers meet their sustainability goals while supporting mission-critical operations.

Our sustainable data centers combine cutting-edge cooling with clean energy, delivering carbon-neutral infrastructure that demonstrates the benefits of corporate responsibility in business while supporting mission-critical operations. From underground facilities to innovative clean energy solutions, we're setting new standards for data center sustainability.



Clean Energy

Our facilities utilize verified renewable energy sources, including wind, solar, and hydro power, showcasing the benefits of corporate responsibility in business.



Data Centers and ESG

Enabling clients to credibly reduce their reportable emissions with clean energy and accurate reporting through sustainable data center infrastructure. Our facilities support organizations seeking ESG data centers that deliver comprehensive environmental, social, and governance benefits.



CDNetworks Hardware

We continuously monitor and analyze energy consumption patterns across our infrastructure to identify further opportunities for efficiency gains and emissions reductions. We are committed to ongoing collaboration with our industry partners and suppliers to source sustainable materials, set ambitious energy reduction

targets, and report our environmental impact transparently and regularly. By embedding ESG considerations into our procurement and technology strategies, we strive to contribute to a low-carbon digital future and set an example for responsible innovation in our industry.



New-Generation Processor Architecture

In our pursuit of continuous improvement, we have adopted next-generation AMD processors that offer superior performance and energy efficiency. By integrating these advanced processors into our product architecture, we have achieved an approximate 22% reduction in energy usage compared to previous generations. This upgrade supports higher compute densities with lower thermal output, enabling us to scale services responsibly while reducing our reliance on non-renewable energy sources.

22%

Energy Reduction



Energy-Efficient CPU Selection

In our ongoing efforts to enhance energy efficiency, we prioritize the procurement of servers equipped with low-power, high-efficiency CPUs. By carefully selecting processors that deliver optimal performance per watt, we have significantly reduced the energy demand of our data centers. To date, this CPU optimization initiative has resulted in 8% reduction in energy consumption across our deployed infrastructure. This approach not only lowers operational costs but also extends the lifespan of supporting systems such as cooling and power distribution, contributing to a more sustainable IT ecosystem.

8%

Consumption Cut



Low Power Disk Solutions Optimization

We have re-evaluated our storage strategy to align with our sustainability objectives. By transitioning to low-power, high-density disk drives, we achieve a dual benefit: improved I/O performance and reduced energy usage. These drives are designed to operate efficiently under varying loads, ensuring reliability without compromising on speed or capacity. Through this optimized disk architecture, we have realized an 5% decrease in storage-related power consumption, reinforcing our commitment to resource-efficient data management.

5%

Storage Power Saved



Cooling Efficiency

In our ongoing commitment to environmental stewardship and operational excellence, we have implemented advanced direct-contact liquid cooling solutions within our data center infrastructure.

This technology not only supports high-performance computing demands but also delivers significant ESG benefits across environmental, economic, and social dimensions.



Environmental Impact & Energy Efficiency

Our adoption of direct immersion liquid cooling has dramatically improved energy efficiency, with Power Usage Effectiveness (PUE) approaching 1.0—far surpassing conventional air-cooled systems. By eliminating reliance on energy-intensive fans and air conditioning, cooling energy consumption is reduced by 90–95%, while IT equipment energy use decreases by 10–20%. This substantial reduction in power consumption translates into considerable conservation of water resources and a material decrease in carbon emissions, supporting our climate action goals.

~1.02

Approaching maximum thermodynamic balance.

~40 dB(A)

Fanless quiet permitting seamless office integration.

Cost-Neutral

Abolishing heavy HVAC systems drops CapEx.

100% Hermetic

Dielectric shielding avoids oxidants and heat cycles.



Economic Benefits & Cost Efficiency

The total cost of ownership (TCO) for liquid-cooled infrastructure is significantly lower—by 20–35%—compared to traditional data centers. Although initial construction costs are comparable, the operational savings from drastically lowered energy use result in a compelling long-term economic advantage. This enables reinvestment into innovation and sustainable growth initiatives.



Noise Reduction & Workplace Integration

Removing traditional server fans reduces the primary source of data center noise. Our liquid-cooled facilities operate at around 40 dB(A), well below national standards for environmental noise. This allows seamless integration into office or mixed-use environments, contributing to a healthier and more productive workplace.



Safety & Reliability

The fully immersive design isolates hardware from air pollutants, humidity, and temperature fluctuations, ensuring a stable and clean operating environment. This improves system reliability and longevity while minimizing maintenance needs and operational risks.



In summary, our liquid cooling technology represents a forward-looking investment that aligns operational performance with sustainability leadership. It underscores our dedication to reducing environmental footprints, optimizing resource use, and building resilient, future-ready infrastructure.



Green Infrastructure and Innovation

At CDNetworks, we believe that technological innovation is a powerful catalyst for environmental stewardship. As a leading force in the global content delivery and edge computing landscape, we are deeply committed to integrating sustainability into the core of our infrastructure and services.

Our strategy focuses on fundamentally re-architecting data flow and energy consumption across the digital ecosystem. By pioneering intelligent edge caching, AI-driven resource orchestration, and new-generation energy-efficient hardware, we not only enhance performance for our customers but also significantly reduce the collective carbon footprint of the internet.

This report outlines our key initiatives and quantifiable contributions towards a more sustainable digital future, demonstrating our dedication to operational excellence and environmental responsibility.

We address the environmental impact of digital services through a holistic, three-pillar approach:



Minimizing Data Travel



Optimizing Resource Efficiency



Reclaiming Energy

Our solutions are designed to deliver superior service reliability and speed while concurrently advancing our sustainability goals.





Green Innovation



New-Generation Caching

We have developed and deployed a proprietary, new-generation edge caching architecture. This innovation is built on a completely redesigned software framework, complemented by in-house algorithms for intelligent content computation and storage, and deep performance tuning of high-frequency code paths.

This achieves a dual environmental benefit: it reduces the energy-intensive data transmission across the network backbone, the overall CPU utilization of our servers has decreased by 17.2%, while the overall memory utilization has dropped by approximately 27.5%. This means that, under the same service load, our servers now consume fewer computing and memory resources than before, reflecting improvements in resource efficiency and optimization. What's more, the new caching structure substantially decreases the computational and cooling load on our customers' origin data centers, we further reduced the upstream (origin) server traffic for our customers by 20%. By leveraging this technology, our customers experience a transformative reduction in their origin infrastructure's energy demand, directly lowering their Scope 3 emissions and contributing to a lighter digital ecosystem.

-17.2%

CPU Utilization

Decreased compute load

-27.5%

Memory Usage

Lower server demand

-20%

Origin Traffic

Reduced backbone pressure



AI-Powered Global Scheduling

To further enhance the efficiency of our global edge network, we employ advanced AI and reinforcement learning models for real-time request routing. This intelligent system dynamically directs user traffic based on a multi-objective optimization that balances load distribution with energy efficiency.

As a result of these optimizations, the number of idle server has decreased by 25% and average server utilization has dropped by 17%. These improvements have led to a marked enhancement in overall network utilization and a direct reduction in per-request energy consumption.

Idle Servers

-25%

Optimization

Avg Server Load

-17%

Energy Drop



Energy-efficient Hardware

Our latest generation of data center incorporates a suite of cutting-edge technologies, including direct-liquid cooling systems, variable-frequency fans, and ultra-low-power storage components. These innovations target and reduce the largest sources of energy waste in computing: heat generation and ancillary power draw.

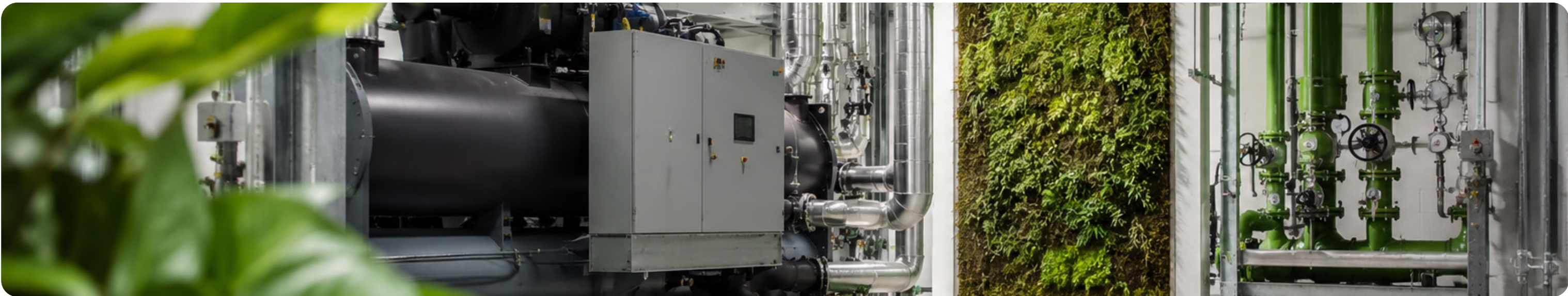
The integration of these technologies has allowed us to achieve a breakthrough in our data center' Power Usage Effectiveness (PUE), a key metric for data center efficiency. A lower PUE signifies that nearly all power drawn is used for computation rather than for cooling and support. This leap in hardware efficiency translates directly to lower absolute power consumption per data center. The benefits are amplified for high-performance workloads, such as AI inference. For our customer, this means the underlying platform for their services is continuously becoming more sustainable.



Heat Recovery and Reuse

We actively pursue circular economy principles by capturing and repurposing waste energy. In select pilot facilities, we have implemented systems to recover the thermal energy generated by our computing servers.

This recovered heat is redirected to provide heating for adjacent office spaces, displacing the need for traditional, carbon-intensive heating methods. This initiative transforms a waste byproduct into a valuable resource, closing the energy loop within our operational footprint and contributing to the well-being of our local work environment.





Saving and Recycling Practices in Daily Operations

In daily operations, the Company promotes saving and recycling practices to reduce resource consumption and environmental impact.

Through these practices, the Company aims to improve resource efficiency, reduce waste, and contribute to a more sustainable and environmentally responsible workplace.

The Company encourages employees to reduce the use of printing paper by limiting unnecessary printing and prioritizing digital documents whenever possible.



In addition, waste separation is implemented in the workplace. Employees are required to sort waste properly, including paper, recyclable materials, and general waste, to support effective recycling.



Biodiversity

Although CDNetworks' operations are primarily digital in nature, we recognize that our physical infrastructure, such as data centers, network nodes, and office facilities, can have indirect impacts on surrounding ecosystems. Protecting biodiversity and minimizing ecological disturbance form an important part of our environmental responsibility.

We are committed to integrating biodiversity considerations into our planning, construction, and operational practices to support a healthier and more resilient natural environment.



Environmental Impact Assessments for Data Center Sites

Before the development or expansion of any data center facility, CDNetworks conducts thorough environmental impact assessments (EIA). These assessments evaluate potential effects on local habitats, wildlife movement, water resources, and land use patterns.



Avoidance of Ecologically Sensitive Areas

In alignment with international best practices, CDNetworks seeks to avoid establishing infrastructure in or near protected zones, wetlands, wildlife corridors, and other ecologically sensitive areas.



Green Office Practices

Beyond infrastructure, we promote biodiversity-conscious behaviors in our daily operations. Our offices adopt green practices such as reducing paper consumption, managing waste responsibly, encouraging the use of digital tools, and maintaining indoor greenery to support a healthier workspace.



Community Engagement and Volunteering

CDNetworks encourages employees to participate in community-based environmental initiatives, such as park clean-ups, waste-collection activities, and local conservation programs. These efforts strengthen our connection with the communities where we operate and foster a culture of environmental stewardship.





Social Responsibility

- Diversity, Inclusion and Equity
- Health, Safety and Well-being
- Talent Training and Development
- Sustainable Products
- Data Protection and Cybersecurity



Diversity, Inclusion and Equity

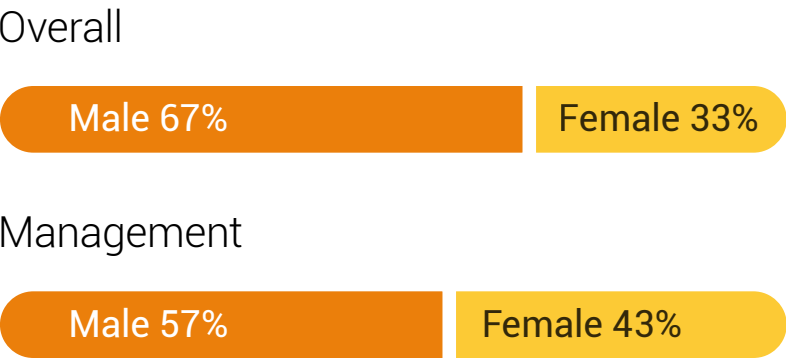
This section aims to highlight the company's culture of respecting differences and promoting inclusion.

Policies and Culture

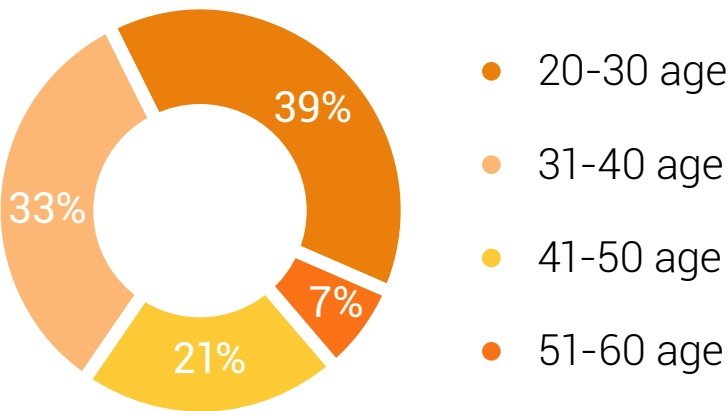
We are committed to fostering a workplace that values diversity, inclusion, and equity, where every employee can fully contribute their talents and feel respected and valued.

In addition, we encourage cross-departmental and cross-cultural collaboration and provide training programs to help employees understand inclusive behaviors and mitigate unconscious biases.

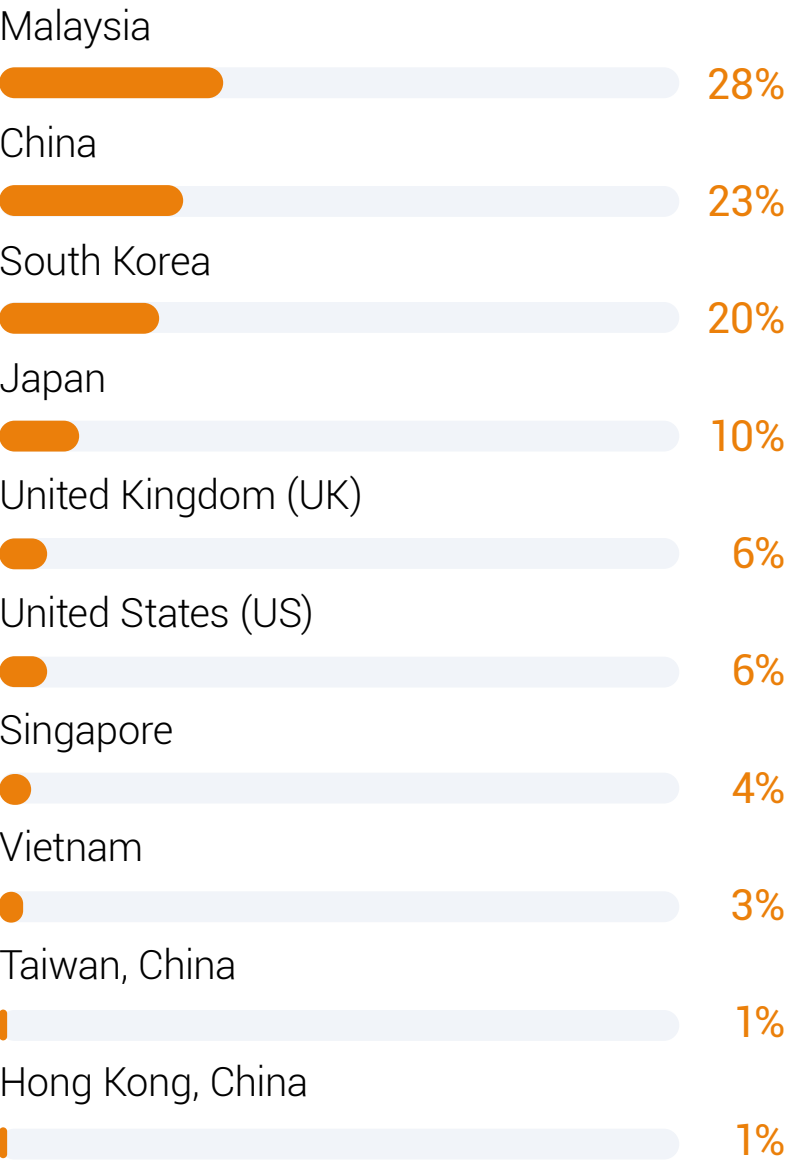
Employee Gender Ratio



Age Structure Distribution



Employee Distribution by Region

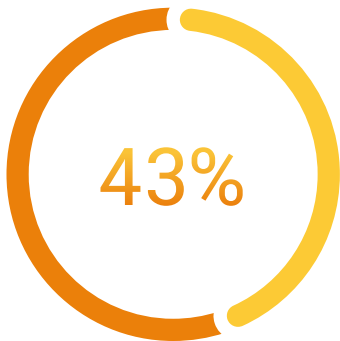




Female Representation in Technical Roles and Management

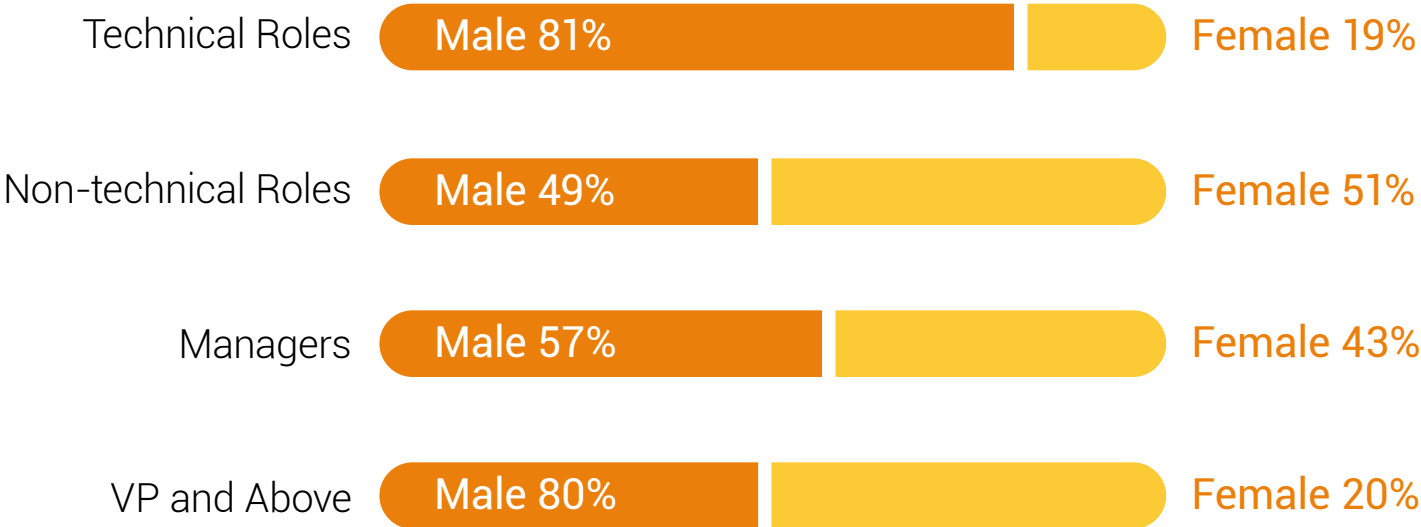


Technical Roles



Management

Gender Ratio by Position Level



Summary

The company continuously promotes diversity and equity in the workplace. We believe that respecting differences and encouraging inclusion not only enhances employee satisfaction and team cohesion but also strengthens innovation and overall business competitiveness.





Health, Safety and Well-being

The Company places a high priority on the health, safety, and overall well-being of its employees, recognizing that a safe, equitable, and supportive working environment is a fundamental foundation for achieving sustainable corporate development.



Labor Rights

The Company strictly complies with applicable labor laws and regulations in all regions where it operates. Through well-established human resources management systems, we prevent any form of discrimination, foster a fair and equitable employment environment, and continuously promote compliance management and the improvement of internal policies and procedures.



Workplace Safety Initiatives

The Company continuously strengthens workplace safety management by establishing and implementing safety standards, conducting risk assessments, and promoting safety awareness. These measures effectively prevent workplace accidents and occupational health risks, and aim to provide a safe and reliable working environment for all employees, including those in remote and hybrid work settings.





Employee Benefits and Holiday Policies

In addition to fully complying with statutory benefits and leave requirements, the Company provides supplementary benefits and holiday arrangements tailored to local conditions in each region. By encouraging employees to take appropriate leave and promoting work–life balance, we support employees in maintaining stable and healthy working conditions.



Mental Health Support

Recognizing the importance of employees' mental health to organizational stability and performance improvement, the Company actively fosters a workplace environment that supports mental well-being. Through enhanced communication mechanisms and the provision of necessary support resources, we help employees manage work-related stress and promote both physical and mental health, as well as organizational cohesion.



Going forward, the Company will continue to enhance related systems and initiatives, steadily improving the management of employee health, safety, and well-being, building a stable, efficient, and resilient workforce, and achieving sustainable growth over the medium to long term.



Talent Training and Development

At CDNetworks, we view our global workforce as our most valuable strategic asset. We recognize that nurturing talent is not merely a corporate responsibility but a critical driver of long-term business resilience and competitive advantage. Our human capital development strategy is anchored in a holistic ecosystem designed to empower every individual to thrive in a rapidly evolving digital landscape.

This strategy ensures that every employee, from campus recruits to senior executives, has access to the resources needed to excel in the rapidly evolving edge service and security landscape.

Strategic Integration & Early-Career Support

We believe a successful career begins with a seamless integration. Our onboarding framework is designed to transform newcomers into industry experts:



Onboarding & Mentorship

Every new hire is paired with a dedicated mentor to navigate our corporate culture, strategy, and operational standards.



Campus-to-Workforce Transition

For our early-career talents and management trainees, we offer customized transition programs that blend soft-skills workshops with deep-dive technical orientations, bridging the gap between academic theory and industry practice.



Progressive Leadership & Management Excellence

Recognizing that leadership is the primary driver of team synergy and organizational resilience, we provide tailored development paths for different management tiers:



The Management Foundation

For first-time managers, our curriculum focuses on the “Shift in Mindset”—transitioning from high-performing individual contributors to effective people leaders. This includes training on objective setting (OKRs), feedback loops, and team motivation.



Strategic Leadership

Middle and senior management undergo rigorous training in business acumen, strategic foresight, and cross-border collaboration to navigate the complexities of the global market.



High-Potential (HiPo) Acceleration

We identify and “turbocharge” the development of future leaders through exclusive seminars and stretch assignments, ensuring a robust succession pipeline.



Professional Capability & Frontier Technology

To maintain our competitive edge, we offer a vast repository of specialized training tailored to specific job functions:

- **Competency-Based Learning**

Our programs cover the full spectrum of our business, including CDN, Cloud Security, Edge Computing, and Global Compliance. Employees can customize their learning paths based on their personal career maps.

- **Embracing the AI Era**

AI is a fundamental enabler interwoven across CDNetworks ecosystem. From product conceptualization and feature enhancement to operational excellence, talent management, continuous learning, and internal tool development, AI-driven solutions are embedded in every layer of our organization. This transformative integration not only elevates product performance and empowers us to deliver superior customer experiences but also enables greater operational agility and resource optimization. By harnessing the full potential of AI, we are actively accelerating our journey toward a greener and more sustainable future, demonstrating our unwavering commitment to environmental stewardship and responsible innovation.

- **Professional Certification Support**

We encourage employees to pursue external industry-recognized certifications. To foster a culture of excellence, CDNetworks provides expense reimbursements and performance bonuses for successfully obtained professional credentials.

Continuous Feedback & Impact Assessment

We maintain a closed-loop system for our development initiatives. By utilizing post-training surveys, pulse checks, and longitudinal performance tracking, we regularly assess the effectiveness of our programs. This data-driven approach allows us to iterate our training strategies in real-time, ensuring they remain relevant to both employee aspirations and our long-term ESG goals.

Through these initiatives, CDNetworks demonstrates its commitment to empowering employees, enhancing competencies, and building a motivated and resilient workforce that drives sustainable organizational growth.





Sustainable Products

At CDNetworks Technology, we are more than a leading global provider of content delivery network (CDN) and edge computing services. We are architects of a more efficient and sustainable internet.

"We recognize our profound responsibility across the entire value chain—from our own operations to the downstream effects of our services. Therefore, we are committed to integrating environmental, social, and governance (ESG) principles into our innovation DNA, designing sustainability not as an add-on, but as the default setting of our technology."

This report outlines our strategic approach to environmental stewardship, highlighting how we embed circularity and energy efficiency into our product lifecycle and empower our customers to achieve their own sustainability goals.

We believe that true leadership in technology is demonstrated by creating value that benefits both business and the planet.





We are not merely optimizing our own operations; we are providing our customers with the tools and infrastructure to meet their own sustainability targets, amplifying our collective positive impact.

We view sustainability as a continuous journey of innovation. CDNetworks remains committed to investing in research and development for greener technologies, collaborating with industry partners to set new efficiency standards, and transparently reporting on our progress. **We are dedicated to powering the connected world responsibly, ensuring that the growth of the digital economy moves in harmony with the health of our planet.**





Green by Design



Design

Algorithmic Efficiency

We architect intelligence into our global network platform. Our self-developed algorithms and scheduling systems optimize resource allocation in real-time, driving a significant increase in network-wide hardware utilization. This software-driven efficiency directly reduces energy demand.



Deployment

Caching Excellence

Our new-generation edge caching architecture is engineered to localize content delivery. By serving data from servers closest to users, we dramatically decrease the need for energy-intensive long-haul data transmission.



Operation

Hyper-Efficient Infrastructure

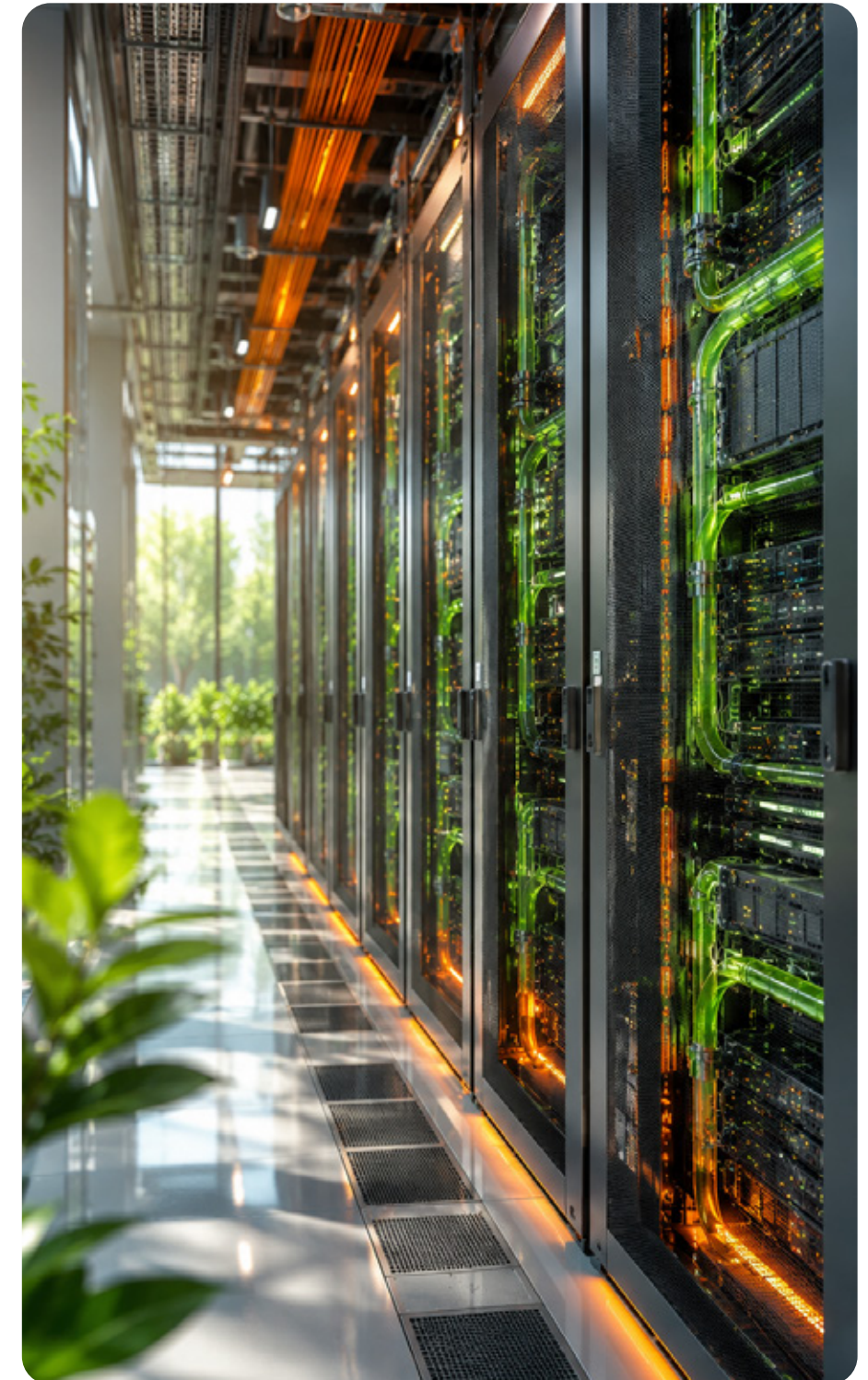
Our latest generation of servers integrates advanced technologies like liquid cooling and low-power components, setting new benchmarks for infrastructure efficiency. These innovations contribute a best-in-class PUE rating for us.



Recycle

Resource Regeneration

We design our server infrastructure with modularity in mind, enabling up to 90% of components to be refurbished, reused, or remanufactured. This circular practice prevents waste and avoids the substantial carbon emissions that would result from virgin material extraction and processing.





Empowering Customer Sustainability

Our greatest environmental contribution is the enabling effect we have on our customers' digital ecosystems.

2025 Increase:

+38%

Customer Energy Savings

+45%

Customer Carbon Avoidance

+55%

Carbon Impact Reports Issued



Quantifiable Environmental Impact

The cumulative effect of using our efficient services resulted in our customers avoiding a substantial amount of electricity consumption and corresponding carbon dioxide emissions. These savings are equivalent to the annual electricity use of thousands of households or the carbon sequestration capacity of a vast forest.



Transparency and Accountability

We offer clear visibility into the emissions avoided through our services, providing detailed carbon reporting to our customers across diverse sectors including e-commerce, media, automotive, and finance. This transparency is vital for their own ESG disclosures and has been instrumental in supporting numerous clients through rigorous ESG assessments and audits by major stock exchanges.



Data Protection and Cybersecurity

At CDNetworks, we recognize that data privacy is a fundamental right in the digital era. Whether it belongs to our customers, our global workforce, or the end-users who interact with our network, we treat all personal data with the same rigorous standards of security and ethics.





Data Protection and Privacy



Integrity & Confidentiality

Our privacy protection framework is anchored by the principle of least privilege and rigorous access controls. Managed by senior experts, our proactive security programs and incident management mechanisms ensure the highest level of confidentiality through binding NDAs and continuous internal evaluations.



Accountability & Culture

We hold industry-recognized certifications, including ISO 27001, PCI DSS, K-ISMS, and SOC 2, reflecting the robustness of our data protection systems and our adherence to global security and privacy standards. Beyond these controls, we foster a Culture of Awareness, providing universal training for all staff and specialized curriculums for roles with enhanced data responsibilities.



Lawfulness

As a transnational enterprise, CDNetworks strictly adheres to international data protection frameworks. Our operations are governed by local and regional regulations, including but not limited to GDPR (EU), CCPA/CPRA (USA), PDPA (Singapore), APPI (Japan), and PIPA (South Korea).



Transparency & Stakeholder Trust

Transparency is fundamentally linked with fairness, it is a core principle in data protection. CDNetworks is clear, open and honest with stakeholders from the start about how we process their data. For details about our privacy practices, please refer to the [CDNetworks Privacy Policy](#).



Necessity & Proportionality

We implement the principles of Purpose Limitation and Data Minimization. We collect information only for specific, legitimate purposes and ensure that data processing is adequate, relevant, and restricted to what is essential for service delivery.



Information Security and Cybersecurity

Security is not just a feature—it is our top priority and the foundation of our global operations. To ensure the highest level of resilience, we consistently uphold rigorous industry standards through a **'Defense-in-Depth'** strategy. This comprehensive framework integrates proactive monitoring, robust architectural safeguards, and multi-layered encryption to protect information integrity and service continuity across our entire global infrastructure.



Network Infrastructure Resilience

CDNetworks operates a high-intelligence security framework featuring 24/7 monitoring, advanced anti-DDoS firewalls and intrusion detection/prevention system (IDS/IPS). Our global network is supported by a set of robust cluster technologies and optimized DNS servers to ensure high availability and redundancy, and minimize potential disruptions to the maximum extent.

Throughout 2025, this framework allowed us to respond effectively to a rising volume of cyber threats. **More than 30,000 DDoS attacks** were detected and mitigated, maintaining **100% uptime** for our customers. The largest attack peaked at **1.67 Tbps**, demonstrating the resilience and scalability of our infrastructure.

30,000+

DDoS Attacks Mitigated

100%

Service Uptime

1.67 Tbps

Largest Attack Mitigation Peak



Application Protection Ecosystem

To ensure the security of our web applications and APIs, CDNetworks has deployed our proprietary Web Application and API Protection (WAAP) solutions. These systems provide real-time detection and mitigation against SQL injection, cross-site scripting (XSS), and emerging web vulnerabilities.



Proactive Threat Detection

All CDNetworks' servers are equipped with Host Intrusion Detection System (HIDS) agents for regular anti-virus scanning and file integrity monitoring. By logging activities such as process creations and remote logins, we enable real-time detection of intrusions, triggering immediate alerts for our security operations team to conduct timely analysis and response.



Lifecycle Data Confidentiality

CDNetworks implements a comprehensive data encryption framework that safeguards information throughout its entire lifecycle. We employ robust TLS protocols for data in transit between users and our platform, while continuously investing in R&D to deploy advanced encryption for internal system transfers. Simultaneously, for data at rest, we integrate high-security encryption and data obfuscation techniques across databases and platform components. This holistic multi-layered approach ensures data integrity and confidentiality, effectively mitigating unauthorized access risks across our global infrastructure.





Governance and Ethics

- Corporate Governance
- Ethics and Compliance
- Responsible Business Practices



Corporate Governance

A strong and transparent governance framework is essential to CDNetworks' long-term success as a global provider of digital infrastructure services. We are committed to upholding high standards of corporate governance that ensure accountability, ethical leadership, effective risk management, and responsible decision-making.

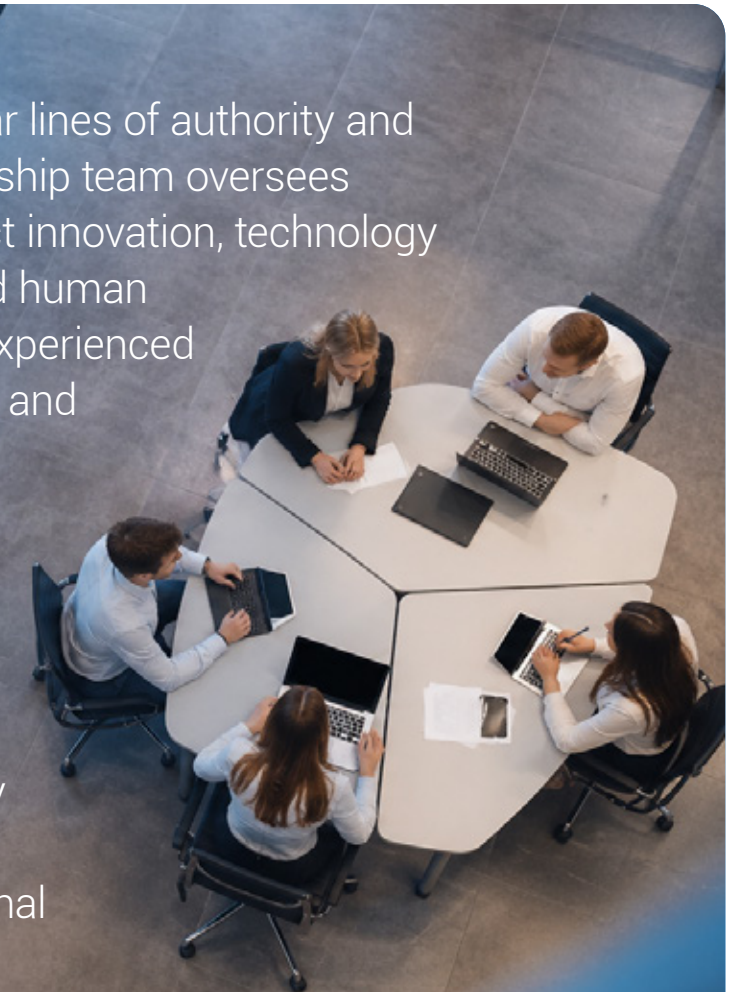
Our governance structure supports not only operational excellence but also the integration of Environmental, Social, and Governance (ESG) considerations into business strategy and performance oversight.



Corporate Management and Organizational Structure

CDNetworks' management system is built on clear lines of authority and well-defined responsibilities. The executive leadership team oversees corporate strategy, business development, product innovation, technology operations, financial stewardship, compliance, and human resources. Each functional department is led by experienced professionals who bring deep industry knowledge and global perspectives.

Regular management meetings, performance reviews, and cross-departmental coordination mechanisms ensure that strategic objectives are consistently executed across markets. This structure enables the company to respond quickly to market dynamics, emerging regulatory requirements, and evolving customer needs. Internal control mechanisms—including policies, standard operating procedures, and annual compliance reviews—further reinforce discipline, transparency, and operational consistency.





Board of Directors: Oversight, Independence, and Responsibility

The Board of Directors provides strategic direction, governance oversight, and high-level supervision of CDNetworks' performance and long-term value creation. The Board's responsibilities include:

- Approving corporate strategy and major investment decisions
- Overseeing enterprise-wide risk management and internal controls
- Ensuring compliance with applicable laws, regulations, and ethical standards
- Monitoring financial performance, cybersecurity preparedness, and operational resilience
- Reviewing ESG risks, emerging trends, and stakeholder expectations

Where applicable, board committees—such as Audit, Risk, or Strategy Committees—provide deeper oversight on specialized topics including financial integrity, business continuity, data governance, and internal audit findings. These committees facilitate rigorous analysis, independent assessment, and improved governance transparency.

Commitment to Transparency and Accountability

To strengthen trust with stakeholders, CDNetworks maintains a commitment to transparent information disclosure, ethical conduct, and proactive risk management. We regularly review our governance framework to align with evolving international standards and industry best practices. By strengthening governance, enhancing ESG oversight, and fostering a culture of responsibility, CDNetworks aims to build sustainable long-term value for customers, employees, partners, and society.





Integration of ESG Into Governance Framework

CDNetworks recognizes that ESG factors play a critical role in shaping corporate resilience, regulatory compliance, and stakeholder trust. To ensure that ESG considerations are embedded into our governance processes, we have established a structured oversight mechanism consisting of both board-level engagement and operational leadership.

Board-Level ESG Oversight

The Board and senior executives periodically review ESG performance, climate-related risks, cybersecurity maturity, workplace well-being, supply chain responsibility, and other sustainability priorities. ESG insights inform strategic planning, investment decisions, and long-term risk assessments.

Integration Into Policies and Processes

ESG principles are increasingly embedded into procurement standards, product development processes, talent development policies, and environmental management practices. This integrated approach ensures that sustainability is not a standalone program but a core element of CDNetworks' operational philosophy.

ESG Working Group

At the operational level, the ESG Working Group coordinates cross-functional sustainability initiatives. The group comprises leaders from departments such as Technology, Operations, Human Resources, Legal, Compliance and Procurement. Its responsibilities include setting annual ESG objectives, managing data collection, conducting materiality assessments, promoting best practices, and preparing ESG disclosures.





Ethics & Compliance

CDNetworks is committed to conducting business with integrity, fairness, and full compliance with applicable laws and industry standards. Our ethics and compliance programme is designed to prevent misconduct, promote ethical decision-making, and provide clear, enforceable mechanisms for identifying, reporting, investigating, and remediating potential violations.

This framework supports the company's long-term reputation, reduces legal and operational risk, and reinforces stakeholder trust.



Code of Conduct and Business Ethics

At the heart of our program is a comprehensive Code of Conduct that sets out expected behaviours for employees, officers, and directors. The Code articulates standards on conflicts of interest, respectful workplace conduct, confidentiality, data protection, competition law, gifts and hospitality, and other day-to-day ethical matters. It is approved by senior management and periodically reviewed to reflect legal and regulatory changes as well as emerging ethical expectations.



Anti-Corruption and Anti-Unfair Competition

CDNetworks enforces a zero-tolerance policy toward bribery, corruption, and unfair competitive practices. We maintain clear policies that prohibit facilitation payments, improper influence, and collusive behaviour. Compliance controls include pre-contractual approvals, transaction monitoring, and mandatory clauses in commercial agreements that require third parties to adhere to our anti-corruption standards.



Third-Party Due Diligence and Procurement Integrity

To mitigate supply-chain and third-party risks, we perform risk-based due diligence on vendors, agents, and partners. Higher-risk relationships are subject to enhanced screening, contractual compliance obligations, and periodic reviews. Procurement processes incorporate transparency and segregation of duties to reduce fraud and ensure fair competition.



Audit, Independence and Oversight

Internal Audit provides independent assurance over the design and effectiveness of compliance controls and reports functionally to the Audit Committee of the Board. Where appropriate, we engage external auditors and subject-matter experts to validate investigation outcomes, compliance testing, or regulatory readiness. Compliance metrics and material incidents are escalated to senior management and reported to the Board or Board committees as part of regular governance cycles.



Performance Monitoring and KPIs

To ensure programme effectiveness, we monitor key indicators such as training completion, number and type of reports received, investigation timeliness, remediation status, and audit findings. These metrics inform continuous improvements to policies, controls, and employee guidance.



Training, Communication and Continuous Improvement

Ethics and compliance training is mandatory for all employees and tailored by role and region—covering anti-corruption, competition law, data protection, and incident reporting. We track completion rates, training hours, and the effectiveness of learning through assessments and periodic refresher courses. Ongoing communication campaigns, scenario-based workshops, and leadership briefings reinforce ethical culture and decision-making.



Whistleblowing, Reporting and Case Management

We provide multiple confidential and anonymous reporting channels—accessible globally—for employees, contractors, customers, and third parties to raise concerns about potential misconduct. Reports are handled under a strict non-retaliation policy. The Compliance team triages incoming reports, conducts impartial investigations aligned with documented procedures, and coordinates with Legal, HR, and Internal Audit where necessary. Our case-management process documents findings, corrective actions, disciplinary measures, and remediation to affected parties, and ensures closure with appropriate governance sign-off.

Through a combination of clear standards, accessible reporting channels, independent assurance, and proactive training, CDNetworks seeks to create a governance environment where ethical behaviour is expected, supported, and rigorously upheld.





Responsible Business Practices

As a global digital infrastructure provider, CDNetworks recognizes that responsible business conduct extends beyond our internal operations and into our supply chain, vendor relationships, and industry ecosystem. We are committed not only to maintaining high standards of integrity within the company but also to ensuring that our partners and suppliers operate in accordance with ethical, environmental, and social expectations.

Our approach to responsible business practices integrates supplier due diligence, sustainable procurement, human rights protection, and fair competition principles.



Supplier Due Diligence and Code of Conduct

CDNetworks maintains a formal Supplier Code of Conduct that outlines minimum requirements related to labour standards, environmental responsibility, anti-corruption, business ethics, and data protection. All suppliers—particularly those involved in data center construction, equipment provisioning, and critical operations—are required to comply with these standards.

We conduct risk-based supplier due diligence prior to onboarding, reviewing factors such as ESG performance, regulatory compliance, supply chain transparency, and operational risks. High-risk suppliers may be subject to enhanced screening, on-site assessments, and contractual ESG obligations. Periodic reviews ensure ongoing compliance and continuous improvements across the supply chain.



Sustainable Procurement Practices

Sustainable procurement principles are integrated into our purchasing decisions to promote resource efficiency, lower environmental impacts, and encourage suppliers to adopt responsible practices.

Our procurement guidelines consider:

- Environmental performance of products and equipment (energy-efficient hardware, recyclable materials, low-carbon options)
- Supplier ESG practices or environmental management systems
- Responsible sourcing of raw materials
- Lifecycle impacts and end-of-life management

We aim to expand the proportion of suppliers that meet sustainability criteria and actively engage with partners to build capacity and share best practices.



Human Rights Protection in the Supply Chain

CDNetworks supports internationally recognized human rights standards and is committed to preventing forced labour, child labour, discrimination, and unsafe working conditions within the supply chain. All suppliers must adhere to fair labour practices, provide safe and healthy work environments, and ensure lawful and voluntary employment relationships.

Our due diligence process includes screening for human rights risks, reviewing labour practices, and monitoring supplier adherence to applicable regulations and international norms. When risks or violations are identified, we work with suppliers on corrective actions. In cases of severe or persistent non-compliance, CDNetworks reserves the right to suspend or terminate the business relationship.



Fair Competition and Market Integrity

CDNetworks promotes open, transparent, and fair competition throughout our business ecosystem. We strictly prohibit collusive behaviour, price fixing, bid manipulation, or other acts that violate competition laws. Fair competition principles are embedded in our procurement process, vendor selection criteria, and contractual agreements.

Training on antitrust and competition law is provided to employees involved in sales, partnerships, and procurement to ensure that decisions are made ethically and in compliance with relevant regulations.



Continuous Monitoring and Supplier Engagement

Responsible business practices are reinforced through regular supplier evaluations, audits, and engagement activities. We encourage suppliers to strengthen their ESG capabilities and provide platforms for communication, performance reviews, and collaborative improvement. By promoting transparency and accountability across our value chain, CDNetworks aims to build a sustainable, responsible, and resilient supply network.





Future Outlook

- ESG Roadmap for 2026–2030
- Continuous Improvement and Innovation
- Disclaimer



ESG Roadmap for 2026–2030

As CDNetworks moves into the next five-year strategic cycle, we are committed to evolving our ESG performance from compliance-driven to impact-driven.

Our roadmap for 2026-2030 is achieving 100% operational carbon neutrality by prioritizing near-total absolute emission reductions across our global network, neutralizing only unavoidable residual emissions.





Continuous Improvement and Innovation

Innovation is the primary driver of our sustainability journey. As the global digital landscape undergoes rapid transformation, CDNetworks remains committed to an agile and forward-thinking approach, ensuring that our technological advancements contribute positively to a sustainable and inclusive digital future.

Green Technological Advancement

We are dedicated to pioneering high-efficiency digital solutions that harmonize technological performance with environmental consciousness. By prioritizing [eco-design](#) across our infrastructure and optimizing the energy footprint of our global delivery services, we strive to decouple business growth from environmental impact, leading the transition toward a [low-carbon](#) digital economy.



Integrity-Led Solution Development

Our commitment to responsibility is embedded within the very fabric of our innovation process. By institutionalizing “Security and Privacy by Design” as foundational principles, we ensure that our emerging technologies—including next-generation edge intelligence—are developed with inherent [safeguards](#). This proactive alignment ensures our solutions remain resilient, ethically sound, and trusted by stakeholders worldwide.



Collaborative Engagement

We believe that sustainable value is [co-created](#) through transparency and active partnership. CDNetworks maintains a robust engagement framework to capture and integrate the evolving expectations of our global [stakeholders](#). Through systematic materiality assessments and strategic dialogue, we continuously refine our ESG priorities to address the most pressing challenges facing our industry and society today.





Disclaimer

This report contains forward-looking statements including, but not limited to, our sustainability targets, goals, and strategic roadmaps. These statements are based on current expectations, estimates, and projections about the industry and markets in which CDNetworks operates.

Forward-looking statements are not guarantees of future performance and involve inherent risks and uncertainties that are difficult to predict. Actual results may differ materially from those expressed or implied in such statements due to changes in global economic conditions, regulatory environments, technological breakthroughs, or operational challenges. CDNetworks undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, except as required by applicable law. All data provided in this report is for informational purposes and has been prepared in accordance with the reporting standards cited herein.