ORBCOMM®

WHERE IoT POWERS ASSET INTELLIGENCE™

2024 sustainability report

Driving positive change with smart technology

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Message from the CEO

Sameer Agrawal , CEO

At ORBCOMM, we enhance visibility for our customers' operations, helping promote a more sustainable and safer world. In 2024, I'm proud of our strides in advancing our sustainability program, including product and service innovations that help customers reduce emissions, meet compliance needs and improve operational efficiency.

Guided by our global ESG committee, and supported by a dedicated global team, we've developed a sustainability framework that begins with products designed to last and extends through every link of our supply chain. We are committed to developing innovative solutions that help our customers work toward their sustainability goals. This includes OGX, our new satellite IoT service, as well as solar-powered, energy-efficient tracking devices and container monitoring solutions. These technologies are designed to support operational efficiency, assist with regulatory compliance and enable more environmentally responsible practices across a range of industries. Notably, in 2024, we eliminated 7,000 lbs. of packaging waste, transitioned to a more energy-efficient cloud platform and joined initiatives such as Move to Minus 15 to tackle CO_2 emissions.

With 57 active patents, including eight newly granted in 2024, we're protecting the innovations that support long-term advancements in connectivity, efficiency and sustainability for our customers. Our social policies, six active employee resource groups and near-perfect completion of compliance training underscore our commitment to a fair and harassment-free workplace. In 2024, our charitable efforts included building classrooms for visually impaired students, providing winter coats for families in need and sending care packages to first responders, all of which contribute to healthier, more vibrant communities.

Sustainability is not a destination but a journey of continuous improvement, and we are dedicated to staying on course. As you explore the pages ahead, you'll see how our products, people and purpose come together to support meaningful environmental, social and governance improvements that benefit our customers, partners and the planet.

Thank you for joining us on this journey.

Our guiding framework for sustainability

Our purpose: Making our world more sustainable and safer by providing enhanced visibility to our customers' operations.

Our sustainability approach responds to the pressing sustainability goals and challenges faced by our customers and the industries we serve. We are contributors to, and enablers of sustainability and focus our program on three strategic areas:

1 **Minimizing environmental impact**

2 **Promoting social improvement**

3 **Facilitating transparent governance**

Minimizing environmental impact

ORBCOMM is committed to minimizing our environmental impact and helping our customers do the same through responsible operations and innovative IoT solutions. Guided by our Environmental Sustainability Policy, our ESG committee oversees our efforts focused on reducing resource consumption, minimizing waste, training employees on best practices and encouraging environmentally responsible practices among our vendors and suppliers.

Sustainability considerations in the innovation process

At ORBCOMM, we prioritize innovation that helps customers to reduce their environmental impact while improving safety and productivity. Sustainability is central to our innovation process, starting with our Mechanical Design Checklist, which guides our engineers in prioritizing materials and designing products that reduce energy use, maximize lifespan and improve recyclability at end-of-life. Our R&D strategy focuses on sustainable growth that is aligned with customer needs and regulatory requirements.

Product development design and testing principles

ORBCOMM applies responsible practices in product development to minimize environmental impacts. Our focus includes:

- Using rugged materials to extend product lifespan
- Emphasizing multifunctional components to reduce material use
- Developing ultra-long-cycle life batteries and solar-powered devices for efficiency
- Prioritizing recyclable materials and eliminating single-use plastics in packaging
- Conducting consolidated lifecycle testing to reduce energy consumption

Sustainable supply chain

ORBCOMM considers environmental, social and financial factors in supply chain management, prioritizing partnerships with vendors, suppliers and manufacturers that comply with our Vendor/Supplier Code of Conduct and Conflict Minerals Compliance Policy. In 2024, we focused on localized production sourcing to reduce emissions and dependencies.

The following sustainability initiatives were undertaken by our manufacturers in 2024:

Energy efficiency and emissions reduction

- Select sites transitioned to clean energy use, reducing GHG emissions

- Our manufacturer in Batam, Indonesia, installed solar panels onsite to lower the carbon footprint of their facility

- Our manufacturer in Mexico committed to a 40% GHG reduction by 2030 and net zero by 2050

Waste reduction and resource optimization

- 76% reduction in labeling waste through optimized label manufacturing

- ORBCOMM assisted a contract manufacturer in implementing 5S, a system for organizing spaces so work can be performed efficiently, effectively and safely. This reduced waste generation, energy consumption and greenhouse gas (GHG) emissions while improving resource management and output stability

Waste reduction in production

In 2024, ORBCOMM enhanced production and logistics efficiency by eliminating single-use plastics in CT 1000 packaging, reducing waste by 7,000 lbs. Through reworking raw materials, scrap decreased to under 1% from nearly 6% in 2023. The company also increased the use of recycled materials, including recycled plastics in product housings, recyclable metal alloys in device casings and recyclable cardboard for outer packaging

Responsible lifecycle management

ORBCOMM evaluates return merchandise authorization (RMA) requests by first checking for available refurbished devices and RMA stock. Returned telematics devices undergo thorough testing for refurbishment suitability, while those that fail are sent to approved recycling centers. We also offer battery repairs and exchanges to extend device longevity.

Carbon footprint and emissions

Human activity significantly contributes to climate change through greenhouse gas (GHG) emissions, collectively known as the carbon footprint, measured in metric tons of carbon dioxide equivalent ($MtCO_2e$).[1, 2] Tracking and measuring these emissions is critical for identifying opportunities to reduce environmental impact. ORBCOMM reports on Scope 1 and Scope 2 emissions, defined as:

ORBCOMM is committed to reducing its carbon footprint while helping customers meet sustainability goals with our smart IoT technology. In 2024, ORBCOMM partnered with Metric, an ESG platform that supports the calculation of ESG performance, to assess its emissions. 298.7 $MTCO_2e$ in scope 1 emissions and 928.2 $MTCO_2e$ in scope 2 were emitted in 2024.[3] Scope 3 emissions were not measured. Compared to industry benchmarks (scope 1: 575.2, scope 2: 778.3), ORBCOMM emitted 48% lower scope 1 emissions and 19% higher scope 2 emissions.

1 Direct emissions from owned sources (e.g., company vehicles, heating).

2 Indirect emissions from purchased energy (e.g., electricity, steam).

2024 emissions[4]

- ORBCOMM 2024 emisisons
- 2024 industry benchmarks

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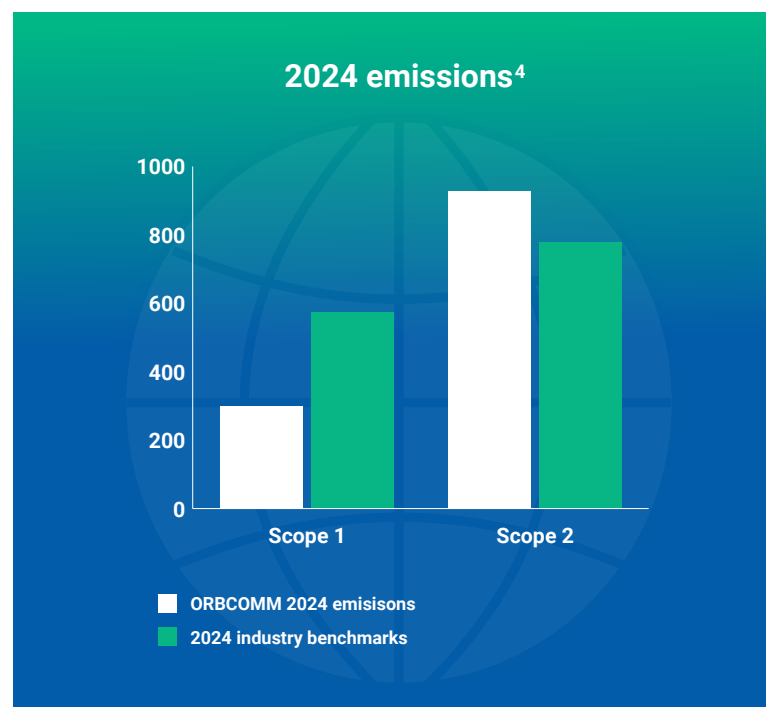
1   Canada, E. a. C. C. (2019, March 28). Causes of climate change. Canada.ca. https://www.canada.ca/en/environment-climate-change/services/climate-change/causes.html
2   Sources of greenhouse gas emissions | US EPA. (2025, March 31). US EPA. https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions
3   Scope 3 emissions were not measured.
4   Emissions were estimated based on Metric's greenhouse gas emissions calculator, which is designed to help companies measure and report their emissions in ac-
     cordance with the Greenhouse Gas Protocol. The calculator leverages the most up-to-date, region-specific emissions factors from leading global institutions, including
     the International Energy Agency (IEA) and Environmental Protection Agency (EPA).

Internal initiatives to reduce our carbon footprint

We are committed to minimizing our environmental impact through eco-friendly practices. Key initiatives from 2024 included:

- **Upgraded components:** Upgrades were made to our antenna tracking systems in Gyeonggi, Korea, by our Ground Earth Station team, replacing components with energy-efficient options to reduce energy consumption.

- **Energy efficient shifts in our IT:** Transitioning from multiprotocol label switching (MPLS) to software-defined wide-area networking (SD-WAN) reduced telecom costs and improved connectivity. We continued the migration of our 72 on-premises servers in North America to Azure's sustainable cloud environment, which can result in up to 98% greater carbon efficiency and 93% greater energy efficiency compared to workloads hosted on traditional on-site infrastructure.[5]

- **Hybrid working model:** ORBCOMM has adopted a hybrid work model, enabling employees to work three days in the office (WIO) and two days from home (WFH). Research shows that working from home can reduce greenhouse gas (GHG) emissions by 11% to 29.11% per person per day, provided employees maintain at least two WFH days weekly.[6,7] In 2024, ORBCOMM's WFH model is estimated to have reduced emissions by approximately 118,617 kilograms of CO_2e, equivalent to the emissions from 9,589,802 smartphone charges or the annual energy use of 15.9 homes.[8,9]

- **Annual e-waste recycling:** ORBCOMM runs annual e-waste recycling, partnering with certified recycling vendors to responsibly dispose of outdated electronics and ensure devices are reused, refurbished or sustainably recycled.

98% greater carbon efficiency

93% greater energy efficiency
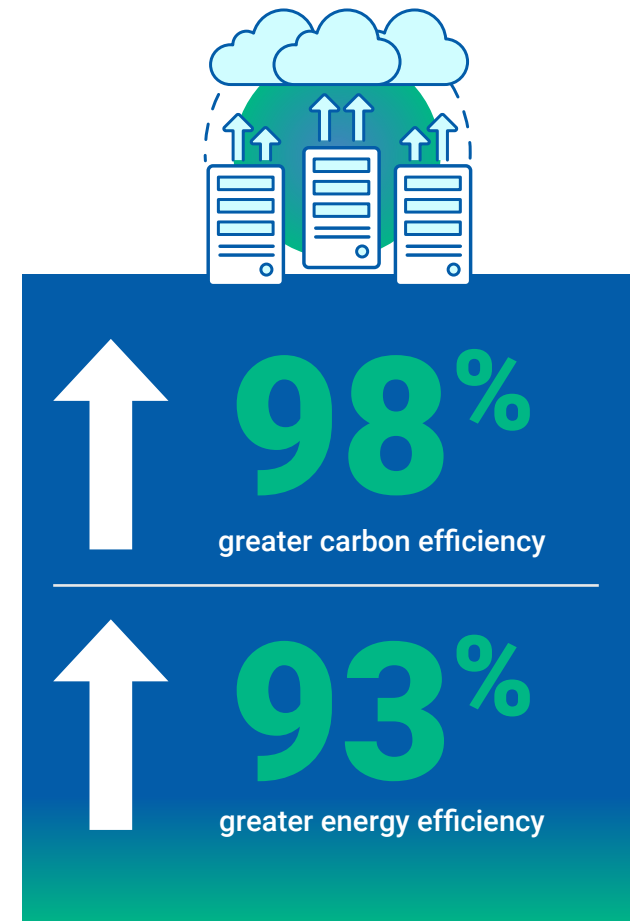
5   Zimmergren. (2025, February 3). Sustainability considerations in your cloud strategy - Cloud Adoption Framework. Microsoft Learn. https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/strategy/inform/sustainability

6   Wu, H., Chang, Y., & Chen, Y. (2023). Greenhouse gas emissions under work from home vs. office: An activity-based individual-level accounting model. Applied Energy, 353, 122167. https://doi.org/10.1016/j.apenergy.2023.122167

7   Tao, Y., Yang, L., Jaffe, S., Amini, F., Bergen, P., Hecht, B., & You, F. (2023). Climate mitigation potentials of teleworking are sensitive to changes in lifestyle and workplace rather than ICT usage. Proceedings of the National Academy of Sciences, 120(39). https://doi.org/10.1073/pnas.2304099120

8   To determine the amount of CO2e total ORBCOMM helped save using a 2-day work from home model in 2024, the greenhouse gas equivalencies calculator was used with the below assumptions and calculations:
- 744 average number of ORBCOMM employees in 2024
- 104 days total WFH [2 days per week WFH x 52 weeks per year]
- Using low-end of per person GHG emission reduction estimate of 11% = 1.53 kg CO2e
- 744x104x1.53 = 118,617 kilograms of CO2e

9   Greenhouse Gas Equivalencies Calculator | US EPA. (2025, February 24). US EPA. https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator

ORBCOMM solutions for minimizing environmental impacts

Our IoT solutions enable businesses to make data-driven decisions that enhance operational efficiency, minimize environmental impact and promote safety. Featuring solar-powered technology, low-energy components, emissions tracking and energy monitoring, our innovative solutions help customers to save resources and fuel, reduce emissions and support compliance with environmental regulations. In 2024, we launched our next-generation satellite IoT service, provided the technology to improve mining operations, increased peace of mind for ranchers and joined a coalition to fight climate change.

Move to Minus 15: raising the temperature to fight climate change

Imagine making a 3° adjustment that could reduce 17.7 million metric tons of carbon emissions annually. That's the driving idea behind Move to Minus 15°C, a global initiative launched at the United Nations (UN) climate change conference COP28 that proposes that frozen food can safely be transported at -15°C without sacrificing quality.

In 2024, ORBCOMM joined the global coalition, providing advanced reefer telematics technology to track and share vital data about cargo conditions, energy use and emissions. These insights are critical to validating the initiative's impact and demonstrating how small, precise changes, backed by reliable technology and data, can lead to transformative environmental outcomes.

OGx: next-generation satellite IoT service evolved for future challenges

Launched in June 2024, OGx is ORBCOMM's next-generation satellite IoT service, designed to support more sustainable operations across various industries including agriculture, transportation, maritime and more. With 99.9% availability and near-global coverage, OGx provides cost-effective, reliable IoT connectivity, delivering faster data and larger message sizes using lower power consumption than our previous satellite service. The satellite IoT service has evolved to address emerging industry challenges, supporting customers by increasing industrial output and productivity, reducing input costs and downtime, improving worker safety, extending equipment lifespan and reducing environmental impacts.

SC 1000: delivering smarter, more sustainable tracking solutions across industries

Launched in October 2024, ORBCOMM's SC 1000 is a solar-powered satellite IoT tracking device designed for the next-generation OGx satellite network. Engineered for efficiency, the SC 1000 uses minimal power, thanks to OGx's lower power consumption, and simplifies satellite IoT asset tracking. This opens new possibilities for diverse industries with key applications, including improved production output and asset utilization, reduced environmental impact of resource extraction and efficient management and tracking of logistics.

SC 1000 - Solar-powered satellite tracking for intelligent visibility

"With ORBCOMM's support, we're providing our customers with the data they need to accomplish their goals."

*Kumbirai Chipadza,
Co-founder of Kuchera*

Improving mining operations with Kuchera partnership

ORBCOMM partners with Berlin-based mining solutions company Kuchera to enhance mining operations through IoT innovation. Utilizing ORBCOMM's dual-mode satellite-cellular technology, Kuchera helps customers optimize equipment utilization, reduce fuel consumption and lower CO_2 emissions. Notable improvements for one customer included:

- **30% fuel savings** (from 1,300 liters to under 900 liters for ten dump trucks)

- **85% reduction in idling time** (from three hours per shift to less than 30 minutes)

- **15% improvement in load accuracy** (from 80% to 95% in one month)

Providing peace of mind for progressive ranchers with Ranchbot

Remote water management for livestock poses a significant challenge for ranchers. It often requires extensive daily driving, leading to high fuel, labor and equipment wear costs. Delayed issue detection can waste water resources or jeopardize livestock.

Using ORBCOMM's technology, Ranchbot has developed an advanced 24/7 monitoring solution that allows ranchers to access live water data anywhere, even in areas without cellular coverage. This solution enables ranchers to promptly monitor water levels, identify issues and remotely control pumps, valves and other systems. Currently, Ranchbot supports over 4,000 ranches and 7,000 users, helping ensure consistent water access for 25 million livestock.

As Ranchbot CEO Andrew Coppin explains,

"Ranchers can now manage their water resources efficiently and have peace of mind knowing their systems are operating as they should."

Promoting social improvement

ORBCOMM is committed to corporate social responsibility and driving positive community change. We integrate social improvement into our operations by:

- Creating social policies that promote equal respect, dignity and rights for all persons
- Fostering an inclusive workplace culture
- Giving back to local communities
- Promoting health, safety and wellbeing
- Supporting consumer and product safety initiatives

Our smart IoT solutions undergo extensive testing to ensure long-term reliability, helping companies reduce safety risks and maintain efficient operations. We prioritize these actions with a team of 744 dedicated employees, creating a strong organization that contributes to healthier, more vibrant communities.

Social policies and training

ORBCOMM is committed to a fair and harassment-free workplace and conducting business ethically, morally and fairly, guided by our Global Diversity and Inclusion Policy, Vendor and Supplier Code of Conduct, our policy in connection with Canada's S-211 and our Code of Ethics and Conduct. We offer annual training addressing workplace violence, bullying, discrimination and sexual harassment, achieving nearly 100% completion rates. Managers maintain an open-door policy for concerns and our employees can anonymously contact our Legal and Compliance Department via ORBCOMM's 24/7 whistleblower hotline.

Collaboration and engagement

At ORBCOMM, our success is driven by our diverse, empowered employees. We foster an environment where employees feel engaged, heard and valued and pursue this through open communication channels, which include Viva Engage, our comprehensive collaboration platform; Kudos, a recognition and reward system and Pluralsight, a professional development platform. Employee engagement is reflected in our employee engagement survey's 90% participation rate and 75% reported satisfaction rate, an increase of 13% from 2023.

2024 Employee engagement survey

↑ **90%**
Participation rate

↑ **75%**
Satisfaction rate

Employee Engagement Committee

ORBCOMM's Employee Engagement Committee addresses employee concerns, ensuring their voices are heard by leadership while fostering engagement across the company. The committee includes representatives from across the company.

Employee resource groups

At ORBCOMM, our six employee resource groups, which are employee-led and open to join for all employees, enable colleagues to connect, share experiences, support and encourage one another in their personal and career development. These groups include ORBCOMM's Hispanic Connection, ORBCOMM Veterans, ORBCOMM LGBTQIA+ & Allies, Helping Hands, ORBCOMM Strong and ORBCOMM Women Connect.

Supporting our communities

ORBCOMM strives to make a meaningful impact in our communities through hands-on volunteering, charitable donations and company initiatives led by the Helping Hands Committee. We offer employees a paid floating holiday that can be used to volunteer and support causes they care about. In 2024, our efforts touched lives across various communities through initiatives such as:

- **Devnar School for the Blind and Spoorthi Foundation:** Contributions were directed towards the construction of new classrooms to support their educational missions

- **The Shoebox Project:** Bringing comfort and essential items to women impacted by homelessness

- **Winter coat drive:** Providing winter coats as well as hats and gloves for children and adults in need

- **Furniture donations to the Red Cross:** Repurposing office furniture to support Red Cross services

- **Operation Gratitude:** Showing appreciation for military personnel and first responders with care packages

- **Mental health donations:** Supporting organizations dedicated to mental wellness, helping to break the stigma and bringing hope to people who need it

Health and safety

ORBCOMM maintains a safe and compliant workplace through mandatory health and safety training and workplace harassment prevention. We comply with all local laws and have health and safety committees with designated fire wardens. Our installation teams receive ongoing safety training. We promote an injury-free environment by encouraging the reporting of near-misses and hazards. In 2024, ORBCOMM had one workplace injury with no lost workdays. **ORBCOMM's nonfatal injury and illness incidence rate was 0.2 per 100 full-time equivalents (FTE), which is 91.7% lower than the Private Industry (All U.S.) average of 2.4.**[10]

Our incidence rate per 100 FTEs

	ORBCOMM	Private sector industry average

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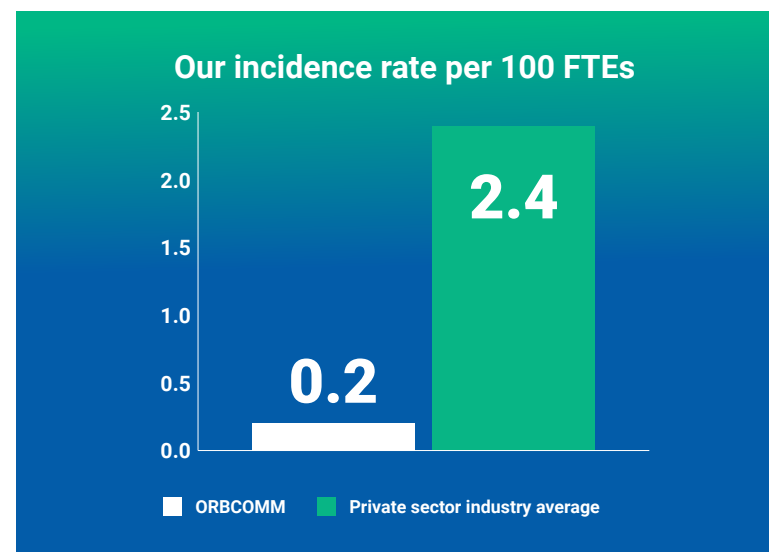
10 To calculate ORBCOMM's nonfatal injury and illness incidence rate, the U.S. Bureau of Labor Statistics tool was used with the following data: 1 [total nonfatal work-related cases], 744 [average employees in 2024], 237 [average days worked], 7.5 [average daily hours], 1,322,460 [total hours worked].

Employee well-being, benefits and assistance

ORBCOMM prioritizes employee well-being with competitive benefits tailored to each region, including health insurance, retirement plans, paid time off, fitness subsidies, professional development programs and more. Our Employee Assistance Program offers free support for mental health, stress and other unexpected life changes. In 2024, we introduced Pluralsight, featuring over 10,000 professional courses, and Kudos for recognizing employee achievements. We plan to enhance these initiatives further in 2025.

CT 1010 - A new era in dry container telematics

ORBCOMM's solutions for driving social improvement

ORBCOMM aims to make our world more sustainable and safer by providing enhanced visibility to our customers' operations. Our smart IoT solutions help companies gain the oversight and control they need to optimize operations and strengthen safety with applications like remote monitoring, global asset tracking, predictive maintenance and more.

Enhancing seafarer safety with IoT technology

ORBCOMM's next-generation dry container monitoring solution, including the new CT 1010, helps enhance shipping line transparency, operational efficiency and cargo security while reducing emissions and costs. It also supports the improvement of seafarer safety through automated inspections that previously required crew members to check containers every six hours, thereby helping minimize exposure to hazards and reducing fatigue. Additionally, by supplying live ambient temperature data from inside and outside the container, these IoT systems bolster fire safety and expedite emergency responses, helping protect crew and cargo.

Fighting food insecurity with IoT

Food insecurity affects nearly one in three people globally, and it is exacerbated by the loss or waste of 32% of food produced annually.[11] Of that, 13%, which amounts to $400 billion, is lost in the supply chain. With millions of people facing hunger and billions dealing with food insecurity, preventing food loss through a collaborative global effort is crucial. ORBCOMM is committed to taking on part of that responsibility.

Independent maritime research consultancy Drewry estimates that 88% of the 139 million tons of perishable food transported in 2022 was carried in reefer containers, highlighting the need to reduce in-transit spoilage. Reefer telematics solutions can help remotely monitor and regulate variables like temperature, humidity and air quality to preserve foodstuffs and safeguard consumer health. By helping ensure food quality at the delivery point to retailers, minimizing waste and enhancing multimodal cold chain management, IoT technology and reefer telematics can significantly help reduce food loss and contribute to global food security.

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11   With 783 million people going hungry, a fifth of all food goes to waste. (2024, March 27). UN News. https://news.un.org/en/story/2024/03/1148036

Facilitating transparent governance

Integrity and ethics guide ORBCOMM's global operations, ensuring adherence to the highest standards of conduct and responsible oversight. Our board of directors supports our incorporation of these principles across our business. Annual compliance training educates employees on laws, regulations, and policies, promoting a fair and ethical workplace and reinforcing our commitment to responsible business practices.

Governance structure and responsibilities

ORBCOMM's board, which includes members from GI Partners' Data Infrastructure team, three independent directors and CEO Sameer Agrawal, oversees the company's strategy and operations. The board focuses on growth in the IoT industry while promoting diversity, equity, inclusion and strong sustainability practices. Board members also serve on the Audit Committee, which reviews compliance and oversees financial matters, and the Compensation Committee, which oversees fair hiring, training and promotion practices. ORBCOMM's compliance programs are managed based on the subject-matter expertise of several different departments, which include Legal and Compliance for global legal, contractual and statutory compliance, Human Resources for internal policy compliance, Information Technology for technology and device usage compliance, and Finance for tax, finance and related accounting regulations. These departments collaborate to establish and enforce compliance policies and internal controls.

ESG committee

To support our sustainability goals, we established a global working group of experts and senior-level employees from across the company that reports to the Board of Directors. The committee meets quarterly and focuses on setting the company's sustainability strategy, policies and practices, managing and overseeing sustainability reporting, identifying emerging issues and recommending adjustments, implementing community initiatives and monitoring efforts against benchmarks.

Crisis management

As part of ORBCOMM's ongoing obligation to crisis preparedness, our Crisis Management Team (CMT) coordinates responses, manages internal and external communications and facilitates business continuity during critical incidents. The CMT is pivotal in ensuring that ORBCOMM can quickly and effectively respond to any crisis impacting our operations, employees or stakeholders.

Ethics and compliance

At ORBCOMM, we conduct ethical business and are dedicated to fair and transparent business practices. We strictly prohibit bribery, money laundering and anti-competitive practices. We comply with all relevant laws and expect the same from employees and resellers. All employees must adhere to our Code of Ethics and Conduct, signing their acknowledgment upon hiring and annually. In 2024, our mandatory compliance training courses had a 99.9% completion rate, covering topics in ethics and our code of conduct, whistleblowing, reporting and retaliation, global data privacy, bribery and corruption and workplace harassment. Managers receive additional training tailored to their roles. Employees are encouraged to report violations to their manager, HR, or Legal, and they can use ORBCOMM's 24/7 whistleblower hotline, which allows for anonymous, confidential reporting and communication while protecting identities.

We hold vendors and suppliers to high ethical standards and prohibit fraud, bribery and forced or child labor, prioritizing partners who respect human rights and environmental concerns. We conduct due diligence with suppliers per OECD guidelines, especially in high-risk areas, and partner with manufacturers that comply with applicable laws and standards and the ORBCOMM Vendor Code of Conduct.

Security and risk management

In today's world of remote operations reliant on connectivity and the cloud, it is crucial that we protect our data, our customer's data and our operational preferences. We are committed to continuously securing and monitoring our systems, making necessary improvements as needed to address evolving risks.

We are committed to continuously securing our systems

Cybersecurity

ORBCOMM employs a proactive, layered approach to cybersecurity, following industry standards such as the NIST Cybersecurity Framework. We utilize defense-in-depth strategies, continuous risk management, BitSight scoring, regular cyber penetration testing, employee training and incident response processes to protect our assets and adapt to evolving threats. Workforce education is prioritized as employees remain the first defense against cyber threats. These initiatives strengthen cybersecurity while supporting ORBCOMM's sustainability objectives by reducing energy consumption and enhancing system reliability. Led by the Director of Information Security and Compliance, our cybersecurity team is dedicated to strengthening defenses, refining procedures, enhancing incident response and educating employees. Our main goal is to improve ORBCOMM's readiness and resilience in identifying and responding to cybersecurity challenges to help protect our company, employees and customers.

Product security

ORBCOMM works diligently to evaluate and address product security concerns on an ongoing basis, and to commit the appropriate resources to analyze, validate and provide corrective actions to address issues, as outlined in our Product Security Policy.

IT security

In 2024, ORBCOMM enhanced its IT security to align with modern cybersecurity standards through various key initiatives:

- **Improved endpoint and system protection** for devices and backend systems with new tools and services.

- **Cloud migration** of the company's ERP environment to a cloud-based platform, ensuring high availability and disaster recovery to boost resilience and security while minimizing energy usage.

- **Vulnerability management** by a dedicated cybersecurity team to protect our systems against emerging threats.

ORBCOMM utilizes Microsoft security features like Intune and the Zero Trust model for data protection and compliance, supported by policies such as the Electronic Media Acceptable Use Policy and Mobile Device Policy for consistent IT security practices.

Financial risk assessment and audit

ORBCOMM conducts an annual financial audit using Grant Thornton as our external audit firm and BDO for outsourced tax work. The accounting team, including the Chief Accounting Officer (CAO) and Controller, reviews all tax filings prepared by BDO. The audit assesses our prepared and published financial statements and evaluates our internal controls related to the financial reporting process, including segregation of duties, fraud risk and IT controls. Grant Thornton issues an annual audit opinion directly to the Audit Committee. By improving our financial data's accuracy, frequency and reliability, we gain insights that support risk mitigation and opportunity identification.

Intellectual property and patents

One of ORBCOMM's competitive advantages stems from its intellectual property in IoT technology and digital supply chain visibility. We currently hold **57 active patents**, including eight added in 2024, which protect our innovations and bolster our competitive edge. Our growth strategy focuses on expanding our patent portfolio and enhancing algorithms while supporting sustainability initiatives. We prioritize building strategic partnerships through effective intellectual property management, licensing our patents to help grow our customers' businesses and open new markets for ORBCOMM.

ORBCOMM solutions for transparent governance

ORBCOMM's smart IoT technology delivers seamless, end-to-end supply chain visibility and global asset management, enhancing accountability and transparent governance of our customer's operations. By enabling advanced monitoring, data analysis and comprehensive reporting, ORBCOMM's solutions help streamline regulatory compliance while minimizing potential risks through predictive maintenance, strong data security and safety features. In doing so, our solutions help contribute to a more transparent and sustainable future.

Smart container shipping pivotal in anti-drug smuggling alliance

ORBCOMM's smart IoT technology enhances supply chain visibility and global asset management, supporting more accountable and transparent operations for our customers. By facilitating advanced monitoring, data analysis and comprehensive reporting, ORBCOMM's solutions help streamline compliance and minimize risks through predictive maintenance and robust security features. In support of transparent governance, ORBCOMM has joined the Smart Container Alliance to help combat drug smuggling in container shipping. This initiative leverages IoT-enabled smart containers to improve security and regulatory adherence, providing critical data to uncover smuggling operations. Since 2022, smart containers have helped seize over 30 tons of illicit drugs.

The alliance aims to expand IoT technology adoption across global fleets, reinforcing the safety and integrity of goods in transit and advancing a more secure supply chain.

"Future supply chain resilience depends on the adoption of smart containers as standard in the industry, not just for real-time visibility but also to protect cargo integrity and increase container security, providing transparency for all stakeholders in the end-to-end supply chain."

*Christian Allred,
ORBCOMM's Chief Commercial Officer*

Cambodia vessel monitoring: protecting marine ecosystems and improving fisher safety

The Cambodian Fisheries Administration, with support from the UN Food and Agriculture Organization (FAO) and funding from the European Union (EU), is enhancing marine fisheries management by deploying 1,600 solar-powered SC 1000 devices on fishing vessels for live tracking. This initiative, part of the FAO's CAPFISH-Capture program and the largest EU-supported fisheries program, aims to prevent illegal fishing, protect marine ecosystems and enhance safety for local fishers.

In its second phase, 800 VMS units have been installed, with an additional 800 planned for key coastal provinces by 2025. Beyond enforcement, ORBCOMM's technology supports Cambodia's broader marine fisheries management strategy, established in 2021, which balances resource use with coastal development. This partnership supports data-driven governance and enhanced oversight, contributing to more sustainable fisheries management and helping secure livelihoods and marine health in the long term in Cambodia.

CT 3600: next-generation reefer container fleet management

Effective oversight is crucial in busy shipping ports, where even minor issues, such as a misread temperature reading or an unnoticed delay in container movement, can lead to costly errors and regulatory problems. ORBCOMM's next-generation reefer container management solution, featuring the CT 3600 device, offers easy installation and integration and provides consistent data for enhanced visibility. With location tracking, geofencing, and detailed reporting, companies can swiftly identify and resolve issues. This solution helps boost operational transparency and efficiency, supports regulatory compliance and promotes accountability and safety in today's complex maritime industry.

CT 3600 - Enabling smarter reefer container telematics

ORBCOMM

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Contact us: **esgcommittee@ORBCOMM.com**

Visit our website: **www.ORBCOMM.com**