



VARROC FORWARD

**ENGINEERING
SMARTER AUTOMOTIVE
SOLUTIONS.
SAFER JOURNEYS.
SUSTAINABLE FUTURE.**





From the CMD's Desk
**DRIVING THE
FUTURE OF MOBILITY
TOGETHER**

Dear Customers and Partners,

At Varroc, as mobility transforms through electrification and digitalization, our focus is anchored in **Brilliance@Scale**, a commitment to delivering consistent excellence across engineering, manufacturing, and customer engagement at a global scale, while advancing our environmental, social, and governance (ESG) priorities.

Sustainability is integral to how we design and deliver our solutions. From reducing dependence on constrained resources and improving energy efficiency, to building responsible supply chains and fostering inclusive workplaces, we are embedding ESG principles into every aspect of our operations and innovation.

For our OEM partners, this translates into innovative, reliable, and scalable solutions aligned with evolving market needs and regulatory expectations. We are continuing to strengthen our capabilities across diverse mobility segments, while advancing our focus on electronics, e-powertrain, and intelligent lighting, and deepening collaboration to enable faster, more efficient, and more sustainable product development.

Our goal is clear: to help our partners accelerate growth with solutions that are not only safe and smart, but also environmentally and socially responsible.

Varroc Forward is designed to strengthen our engagement with customers and partners, offering a window into our innovations, priorities, and the collaborative pathways shaping a more sustainable future of mobility.

We thank you for your continued trust as we shape the future, together.

Warm regards,

TARANG JAIN

Chairman & Managing Director
Varroc Engineering Limited

Products Built for
Performance & Scale



REIMAGINING THE RIDER INTERFACE: CONNECTED CLUSTERS BUILT FOR PERFORMANCE & SCALE.



As two-wheelers get smarter, riders demand real-time information, seamless connectivity, and safer interactions, while OEMs seek premium, tech-enabled experiences. Traditional clusters fall short, forcing riders to rely on smartphones and increasing distraction. **Varroc's Connected Cluster bridges this gap, transforming the front end into an intelligent, rider-focused interface.**

Designed for next-generation mobility, **it integrates vehicle intelligence, smartphone connectivity, and intuitive design. Features like Bluetooth Low Energy (BLE), real-time CAN data processing, and turn-by-turn navigation provide critical information without distraction.** Its infinity-edge, high-luminance display ensures a modern, premium experience.

Built on Varroc's foundation of **automotive-grade engineering and scalable manufacturing**, the Connected Cluster delivers value across riders, OEMs, and aftersales:

ENHANCED SAFETY & CONVENIENCE:

Alerts reduce smartphone use for safer riding.



OEM DIFFERENTIATION:

Sleek design and connected features strengthen brand perception.

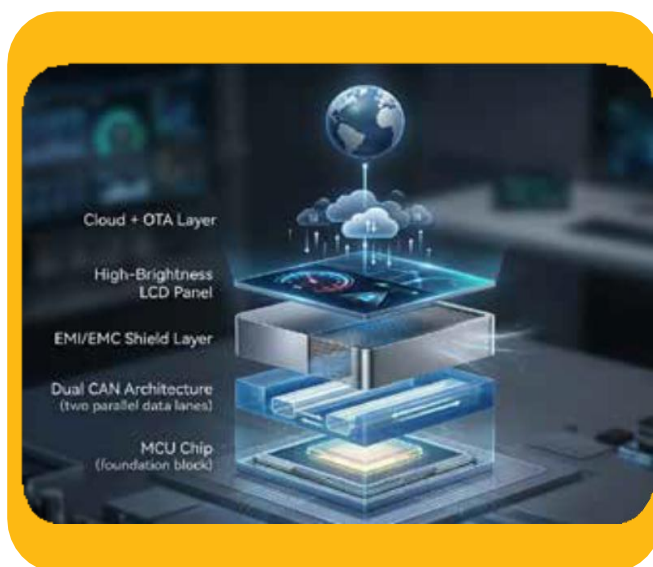


SMARTER AFTERSALES:

Remote diagnostics and predictive maintenance improve uptime and ownership experience.



Beyond a display, **it combines real-time vehicle data, secure smartphone integration with OTA updates, and cloud diagnostics, making it future-ready and continuously upgradable.**



Powered by robust engineering, it features automotive-grade MCU architecture, high-brightness LCDs, EMI/EMC compliance, dual CAN architecture, and global certifications ensuring reliability, scalability, and performance worldwide.

With Varroc's **Brilliance@Scale** philosophy, the Connected Cluster is ready for global deployment, enabling safer, smarter, and more engaging riding experiences.

Products Built for
Performance & Scale



DRIVING INTELLIGENCE BEYOND VISIBILITY: VCAM FOR SAFER, SMARTER FLEETS



Fleet operators face constant pressure to balance safety, efficiency, and cost but traditional systems only show what went wrong after an incident, leaving businesses exposed to risks. VCAM changes that paradigm by shifting from passive recording to real-time risk prevention.

Designed for commercial vehicles and fleet operations, VCAM performs consistently in demanding environments like long-haul logistics, cold-chain transport, and mining. Advanced driver monitoring and real-time analytics empower managers to act before incidents occur, safeguarding drivers and ensuring business continuity.

VCAM combines automotive-grade engineering with scalable manufacturing excellence, delivering three tangible benefits:

PROACTIVE SAFETY:



Continuous analysis of driver behavior with ADAS and DMS detects fatigue, distraction, and unsafe practices in real time.

OPERATIONAL EFFICIENCY:



Insights into driving patterns optimize fuel, reduce wear-and-tear, and enhance driver performance.

COMPLETE VISIBILITY:

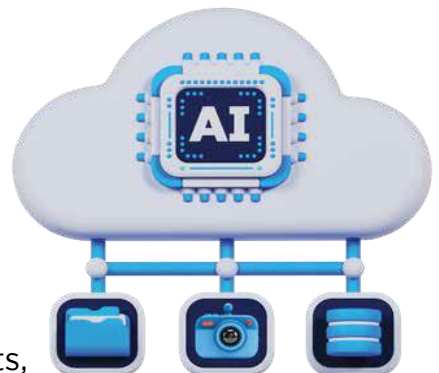


High-definition video and centralized command platforms enable faster incident resolution, streamlined claims, and stronger accountability.

VCAM's innovation lies in combining hardware, AI, and cloud intelligence into a unified ecosystem. Unlike conventional event-based systems, it performs 100% drive-time analysis with edge AI and machine vision, delivering instant, reliable alerts even in low-connectivity areas.

Built for scale and future-ready, VCAM leverages Varroc's **Brilliance@Scale** philosophy and decades of Tier-1 manufacturing expertise. Cloud connectivity and OTA updates ensure continuous evolution, supporting Connected, Autonomous, Shared, and Electric (CASE) mobility.

VCAM is more than a product, it's a strategic enabler. By closing the visibility gap, it helps fleets reduce costs, enhance safety, and embrace digital transformation, making mobility predictive, proactive, and performance driven.



In the spot light **IGNITING IDEAS.** **ENGINEERING THE FUTURE.**



Varroc Engineering Ltd. (Varroc), a global tier-I auto components group, announced the launch of the third edition of its flagship innovation challenge - **Eureka Challenge 3.0 - Ignite Innovation**. The initiative aims to engage and empower India's brightest engineering minds to solve real-world challenges in the evolving mobility ecosystem.

Hosted on Unstop, the competition invites participation from undergraduate and postgraduate engineering students across the country, particularly pre-final-year students graduating in 2027. Open to disciplines including Computer Science, Electronics, Electrical, E&TC, IT, Mechanical, Automobile, and allied branches, the challenge allows participation both individually and in teams of up to four members. It offers participants a unique opportunity to engage with industry-relevant problem statements, apply their technical knowledge, and showcase their creativity on a competitive platform.

The competition offers participants the opportunity to gain hands-on industry exposure, interact with Varroc's domain experts, and showcase their technical and strategic capabilities. Top performers stand a chance to win attractive rewards, including cash prizes and potential pre-placement offers (PPOs) with Varroc. As a global organization focused on safe, smart, and sustainable mobility, **Varroc is committed to building a strong innovation ecosystem by bridging academia and industry.** Eureka Challenge 3.0 reinforces the company's effort towards nurturing talent and enabling collaborative problem-solving for real-world mobility challenges.



Building on the success of its previous editions, which witnessed participation from thousands of students nationwide, Eureka Challenge 3.0 will follow a structured, multi-stage evaluation process. Participants are required to download problem statements from the platform and submit their solutions in the form of a detailed PowerPoint presentation, along with an optional simulation video.

The challenge encourages creativity and innovation, with no restriction on the number of ideas submitted.



— Arjun Jain,
CEO Business II

“The future of mobility is in safe, smart, and sustainable innovation that enables a safer road and a greener tomorrow. At Varroc, we are committed to building the next generation of automotive talent that will enable and inherit this transition. We look to do this by providing internal platforms that encourage creativity, problem-solving, and real-world application of engineering principles. Eureka is one of these platforms, and feeds into our incredibly successful Graduate Engineer Trainee program.”



Beyond Boundaries



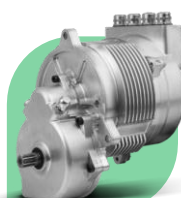
POWERING THE NEXT CHAPTER OF E-MOBILITY

As the automotive world accelerates toward electrification, the need for intelligent, reliable, and sustainable charging solutions is becoming more critical than ever. Reinforcing its commitment to the future of mobility, **Varroc has secured a significant new business win with a leading global electric vehicle (EV) OEM for the supply of AC bi-directional wall chargers.**

The partnership will see **Varroc supplying Energy Star-compliant AC bi-directional wall chargers engineered for high safety, operational stability, and seamless EV charging performance.** The chargers will be manufactured at Varroc's established facility in Romania, leveraging the company's strong global manufacturing ecosystem and advanced electronics capabilities. The new business win further strengthens Varroc's presence in the global passenger vehicle electronics market and aligns with the company's long-term strategy to expand across:



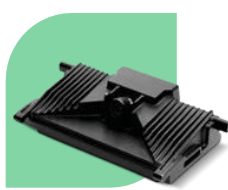
Advanced automotive electronics



Electric powertrain solutions



Safety and ADAS-enabled systems



Smart and connected mobility technologies

With growing investments in next-generation automotive technologies, **Varroc continues to build capabilities that address the rapidly evolving demands of global OEMs and the wider mobility ecosystem.**

The AC bi-directional wall chargers represent more than just a product offering, they reflect Varroc's focus on enabling safe, smart, and sustainable mobility solutions for the future. As EV adoption continues to rise globally, charging infrastructure is emerging as a key enabler of the transition. Through this partnership, Varroc is strengthening its role in supporting the global shift toward cleaner and more connected transportation. The achievement also highlights the company's strong expertise in electronics manufacturing, product engineering, and scalable global delivery.

A Strategic Milestone

This business win validates **Varroc's technology expertise, innovation-driven approach, and scalable global delivery capabilities.** It marks another important step in the company's journey toward shaping the future of e-mobility worldwide.



— Dhruv Jain ,
CEO Business II

“This business win underlines Varroc's commitment to delivering world-class electronics solutions to our OEM partners. We are excited to collaborate with the automotive ecosystem and provide innovative solutions that enable safe, smart, and sustainable mobility across the world.”

Sustainability in Action **DRIVEN BY PURPOSE.** **POWERED BY SUSTAINABILITY.**



Sustainability at Varroc is not limited to compliance or short-term goals, it is embedded into the company's long-term vision for responsible growth and innovation.

As the global mobility ecosystem evolves, Varroc continues to advance its focus on decarbonization, resource efficiency, and sustainable manufacturing practices across its operations worldwide.

This commitment is reflected in the company's latest ESG progress, strengthened sustainability ratings, and measurable environmental impact achieved during FY 2026.

Varroc's sustainability journey continues to gain strong external recognition through improved ESG ratings and enhanced transparency standards.



Key ESG Advancements

- ESG rating improved to 75 by CFC Finlease Pvt. Ltd., a SEBI-registered ESG Rating Provider
- Earned the EcoVadis "Sustainability Committed" badge
- Global percentile ranking improved from 18th percentile to 34th percentile
- EcoVadis score increased from 44 to 52

These advancements reflect the company's growing leadership in environmental responsibility and sustainable business practices among global automotive component players.

Varroc continues to scale impactful initiatives across renewable energy, emissions reduction, waste management, and water stewardship.

Key Sustainability Achievements:

- Approximately **40% renewable electricity usage** in FY 2026
- **36% overall energy consumption** sourced from renewable energy, including process fuels
- Over **28,000 tonnes of CO₂ emissions avoided** through efficiency-led initiatives
- Approximately **26% reduction in carbon emissions** achieved year-on-year
- Implementation of **100+ energy efficiency projects** across global operations
- More **than 90% waste recycled** through circular manufacturing practices
- Over **90% wastewater recycled and reused** through Zero Liquid Discharge (ZLD) systems

These initiatives reinforce Varroc's roadmap toward increasing renewable energy adoption beyond 50% in the near future.

Commenting on the occasion, **Mr. Tarang Jain, Chairman and Managing Director, Varroc said**, "At Varroc, environmental sustainability is not an initiative, it is a commitment that shapes every aspect of our operations and growth. The improvement in our ESG rating reflects the progress we are making across energy transition, emissions reduction, and responsible manufacturing. On World Earth Day, we reaffirm our responsibility to build a greener future through safe, smart, and sustainable innovation."

Kham river restoration: TANGIBLE IMPACT THROUGH COLLECTIVE ACTION



54 acres
of riparian zone restored
through cleanup,
dredging, and native
planting.



21,553 sq. m
of riverbank greened -
22,748+ saplings planted
to stabilise ecological
buffers



110
Garbage Vulnerable
Points addressed, where
solid waste previously
entered the river.



Flooding risks have been
reduced, with the river
remaining flood-free in
recent monsoon seasons.



46,650 sq. m
of river area cleaned



25,000
households now benefit
from organised waste
collection systems
connected to city
sanitation networks.



Over 1 million
people have
participated in
educational events,
cultural programmes,
and community
activities along the
riverfront.



Reclaimed stretches of the river now feature ecological parks, accessible open spaces, and renewed biodiversity, drawing families, schoolchildren, and community groups back to the water's edge. The significance of this work has also been recognised globally. **The Kham River Restoration Mission was selected among the top five finalists worldwide for the WRI Ross Center Prize for Cities, chosen from over 200 applications across 148 cities in 62 countries.** Such recognition reinforces that locally rooted, data-led, and community-driven environmental action can meet the highest global benchmarks and offer replicable models for urban resilience.

Looking ahead, **Varroc will continue to focus on key improvement areas, including Scope 3 emissions**, deeper supply chain ESG integration, and enhanced external assurance, with a target to further improve its EcoVadis score.

As ESG considerations increasingly influence investor decisions, Varroc's improving ESG ratings and disclosures strengthen its positioning among global automotive component players, enhancing stakeholder confidence and supporting long-term value creation.

Insights from Varroc R&D

AUTOMOTIVE LIGHTING: FROM FUNCTIONAL NECESSITY TO STRATEGIC DIFFERENTIATOR



For end customers, value is no longer defined solely by purchase price. Advanced lighting systems deliver tangible everyday benefits: improved visibility, reduced driver fatigue, enhanced confidence in poor weather or low-light conditions, and long-term reliability.

Scan the QR code or copy the link into your browser to explore Varroc R&D's insights on the latest automotive lighting trends and innovations.

[Automotive Lighting: From Functional Necessity to Strategic Differentiator | Autocar Professional](#)



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