

# Varroc Engineering Limited

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VARROC/SE/INT/2024-25/139

January 16, 2025

To,

The Manager- Listing  
The Listing Department,  
**National Stock Exchange of India  
Limited**  
Exchange Plaza, Plot No. C/1, G  
Block, Bandra-Kurla Complex,  
Bandra (East), Mumbai-400 051.  
NSE Symbol: VARROC

The Manager – Listing  
The Corporate Relation  
Department,  
**BSE Limited**  
Phiroze Jeejeebhoy Towers,  
Dalal Street, Fort,  
Mumbai-400 001.  
BSE Security Code: 541578  
[Debt: 975062]

Dear Sir/ Madam,

**Sub: Press Release – “Varroc at Bharat Mobility Global Expo 2025: Shaping the Future of Mobility”**

**Ref.: Regulation 30 and other applicable Regulations of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 ("Listing Regulations")**

Pursuant to Regulation 30 of the Listing Regulations, please find enclosed herewith Press Release titled as **“Varroc at Bharat Mobility Global Expo 2025: Shaping the Future of Mobility”**.

Kindly take the same on record and note the compliance.

Thanking you,

**For Varroc Engineering Limited**

**Ajay Sharma**  
**Group General Counsel and Company Secretary**

Encl: a/a



## **Varroc at Bharat Mobility Global Expo 2025: Shaping the Future of Mobility**

**Pune, 16 January '25:** – Varroc, a leading global tier-1 automotive supplier, announced its participation one of India's global mobility events – Bharat Mobility Global Expo 2025, the world's second largest mobility show. This year, "The Components Show 2025" is part of Bharat Mobility Global Expo 2025, the expo is taking place from 18<sup>th</sup> – 21<sup>st</sup> January 2025, at Yashobhoomi – India International Convention and Expo Centre, Dwarka, New Delhi.

The expo brings together innovations and thought leadership, acting as a catalyst for redefining the future of mobility. This year Varroc will showcase its cutting-edge and advanced technologies & solutions under the theme: "Providing Safe, Smart, Sustainable Mobility Solutions."

Speaking about Varroc's participation, **Mr. Arjun Jain, CEO – Business I, Varroc** said, "Our industry is evolving faster than ever in a complex macroeconomic environment. At Varroc we see this as an opportunity that aligns perfectly with our mission to deliver safer, smarter and sustainable products at value. At the Bharat Mobility Global Expo 2025 we showcase the progress we have already made at putting this indigenous designed, developed and manufactured product on the road in India and beyond."

"We are introducing cutting-edge smart mobility solutions with the combined efforts of our global team to meet the evolving needs of Indian customers. I believe the Bharat Mobility Global Expo 2025 provides an exceptional platform to showcase our innovations in the areas of ADAS, user experience and connectivity. Our participation underscores our commitment to pushing boundaries and providing best in class technology at affordable cost." said **Mr. Dhruv Jain, CEO – Business II, Varroc**.

Varroc invites industry stakeholders, partners, and mobility enthusiasts to explore its groundbreaking innovations and join in shaping the future of the automotive world. Join us at Hall 1, booth F1 to experience our journey towards revolutionizing mobility and to explore our comprehensive portfolio of transformative solutions.

### ***Highlights of Varroc's showcase include:***

#### **Varroc Business I**

##### **E-Mobility Solutions**

Varroc's E-Mobility solutions cater to the growing needs of the electric vehicle (EV) market with advanced, innovative technologies designed to enhance performance, efficiency, and sustainability. Specialized in locally developed EV products, including Traction Motors, Controllers, Charges and DC-DC converters, engineered for lightweight efficiency and optimized battery performance. Backed by EV-focused R&D and testing systems, IoT-enabled systems, and vertically integrated electronics manufacturing, Varroc delivers innovative solutions.

##### **Human Machine Interface Solutions**

Varroc's HMI solutions are designed to meet evolving automotive trends, combining aesthetic design with functional efficiency. Offerings include digital clusters for seamless integration of vehicle data, navigation, and infotainment, as well as advanced HUDs for hands-free, safer driving. Varroc Connect (Telematics Hardware and Software) that enhances functionality with powerful APIs, built-in privacy controls, AI/ML modules,



telecom management, firmware libraries for popular processors, and support for COTA and FOTA deployments.

### **Body system solutions**

Varroc focuses on design-driven technology, blending client needs with aesthetic design and engineering expertise. Efforts in lightweighting include replacing large sheet metal parts with polymers and introducing micro-cellular polymers and composites in trims and body parts. Advanced technologies such as 2K molding for dual-material injection, 3i technology for high-gloss finishes and thinner walls, and battery protection systems for electric vehicles further showcase our innovation.

### **Lighting solutions**

Varroc offers cost-effective LED lighting solutions, a diverse range of standard modules tailored to market trends. Highlights include customizable user interfaces, innovative styling like 1.9-meter one-step injection strip headlamps, compact projectors (HD, DLP) with ground projection, and platform-designed LCU systems. Advanced hardware and software algorithms in high-end modules ensure superior functionality and design flexibility.

### **ICE powertrain solutions**

Varroc's ICE Powertrain offerings include advanced solutions such as Electronic Fuel Injection systems, Motors, Engine Control Units, Sensors, Ignition Systems, Gears, and Valves. These solutions are designed to deliver robust performance, enhance fuel efficiency, meet global emission standards, and supporting customers' needs in diverse markets.

## **Varroc Business II**

### **Intelligent Cockpit System**

Varroc's Intelligent Cockpit system offers a customizable high-definition touchscreen display with seamless Android Auto and Apple CarPlay integration. The product integrates a Surround View System for enhanced parking assistance, Driver Monitoring System (DMS) for unparalleled safety and a Telematics Unit to enable connected services. Designed to elevate the driving experience, it keeps users connected, informed, and secure.

### **Varroc Smart Mobility**

Varroc Smart Mobility offers cloud-based fleet management platform that provides real-time vehicle data, location tracking, and advanced analytics. Integrated with the AI powered dual dash camera—equipped with ADAS and DMS features—it offers near real-time fleet monitoring and promotes safer, more efficient fleet management.

### **Driver & Occupant Monitoring Systems**

Varroc's Driver Monitoring ECU and Camera System enhances road safety through advanced real-time driver behaviour analysis. Features include fatigue detection, gesture recognition, Face ID, emotion analysis, and posture monitoring. Its modular design supports seamless integration with infotainment systems or as a standalone solution.

### **360 Surround View System**

Varroc's 360 Surround View System leverages multiple cameras and AI-powered vision algorithms to eliminate blind spots and provide intuitive alerts. By detecting pedestrians



and displaying linked visuals on the onboard screen, it significantly improves situational awareness and safety.

**About Varroc Engineering Ltd.**

Varroc Engineering Ltd is a global tier-1 automotive component group. It was incorporated in 1988. The group manufactures and supplies electricals-electronics, polymers, metallics and exterior lighting systems to leading OEM's with end-to-end capabilities across design, development and manufacturing for two-wheeler, three-wheeler, passenger vehicles, commercial vehicle, and off-highway vehicle worldwide. The group income was ₹ 75,940 million from continued operations in FY24. The group employs more than 7,000 employees (750 + R&D Engineers), has 36 global operating manufacturing facilities supported by 7 R&D Centres, and 100+ patents.

Varroc Engineering Limited's shares are listed on the National Stock Exchange of India Limited (VARROC) and the BSE Limited (541578).

For further information on Varroc Engineering Limited please visit [www.varroc.com](http://www.varroc.com)

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