

# We are Varroc



# About Us



**2<sup>nd</sup> Largest,<sup>(4)</sup>  
Indian auto  
component  
group in 2020**



**6<sup>th</sup> Largest,<sup>(1)</sup>  
Global exterior  
automotive  
lighting  
manufacturer by  
market share in  
2020**



**INR 113bn  
FY21  
revenue<sup>(2)</sup>**



# Business Overview



## ELECTRICAL - ELECTRONICS

- 2W lighting for Indian
  - Digital clusters
  - Motors, Magnetos
  - Regulator & Rectifiers
  - Body switches, CDI
  - Catalytic Converters
- 
- 9 Facilities – India#
  - 1350+ employees
  - Comprehensive solutions in electrical-electronics components, assemblies for automotive applications.
  - 2W, 3W, PV & CV



## LIGHTING

- Headlamps
  - Rear lamps
  - CHMSL
  - Fog lamps
- 
- **Global PV lighting** - 13 Facilities – Czech (2), China (2), India (2), Mexico, Morocco, Turkey, Poland, Brazil, Bulgaria, Romania
  - **Global 2W Lighting** - 3 Facilities - Italy, Romania, Vietnam
  - Leading global supplier of exterior automotive lighting systems for PV
  - High end lighting systems for the global 2W industry
  - 2 more upcoming facilities
  - 7757+ employees
  - PV & 2W



## POLYMER

- Air Filter Assembly
  - Seating Assembly
  - Interiors (Instrument panel, Door panel etc.)
  - Painted plastic exterior products
  - Mirror assembly
- 
- 13 Facilities – India#
  - One of the largest polymer solution providers to all major auto OEMs with a pan-India presence
  - 1940+ employees
  - 2W, 3W, PV & CV



## METALLIC (Forging and Valves)

- Engine valves
  - Transmission gears
  - Crank pins, Links
  - Connecting Rods
  - Crankshafts
- 
- 4 Facilities – India#
  - Offers precision forged & machined parts for engines and transmissions
  - Supplies engine valves in domestic and international markets
  - 1650+ employees
  - 2W, 3W, PV, CV & OHV

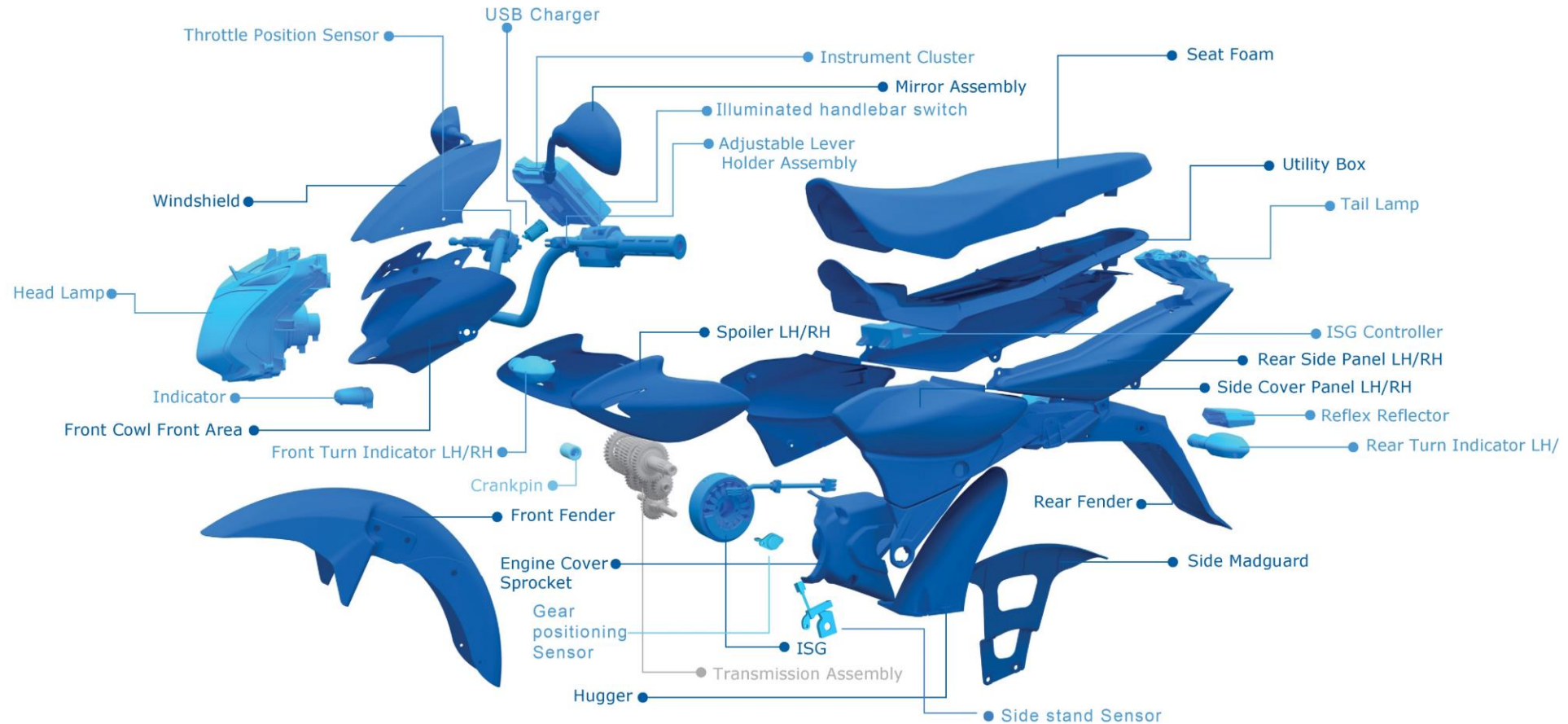


**Innovate Affordable, Sustainable & Safe Products for  
Transportation, Globally**



# Comprehensive Solution Provider to 2W OEMs

Diversified Portfolio Catering to 2W and 3W Segments-**The IC Engine 2W**



Wide range of products across Polymer, Electrical and Metallic segments; One-Stop Shop for customers enabling cross-selling

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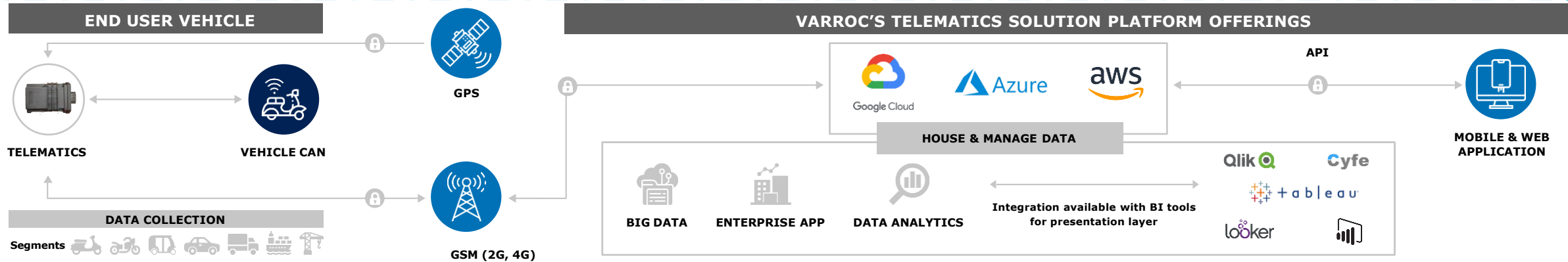
# Varroc's EV Product Offering

WE OFFER WIDE RANGE OF PRODUCTS FOR ELECTRIC VEHICLE WITH LOCALISED MANUFACTURING (2W/3W)



(Localized manufacturing for OBC & BMS)

SOLUTION OFFERING



Note: [1] Varroc & Li-BAL signed an MOU for localized manufacturing of BMS in India  
 [2] Varroc & Delta Q signed an MoU for localised manufacturing of on-board charger  
 [3] Varroc also supplies switches & LED lighting for EV which is a part of our existing product lines

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# Varroc's Range of Instrument Cluster

(for Scooters & Motorcycle Segment)

**1** SEMI-DIGITAL INSTRUMENT CLUSTER



**2** FULLY-DIGITAL INSTRUMENT CLUSTER



**3** DOT MATRIX INSTRUMENT CLUSTER



**4** TFT INSTRUMENT CLUSTER



~1.6 Mn units (FY21)

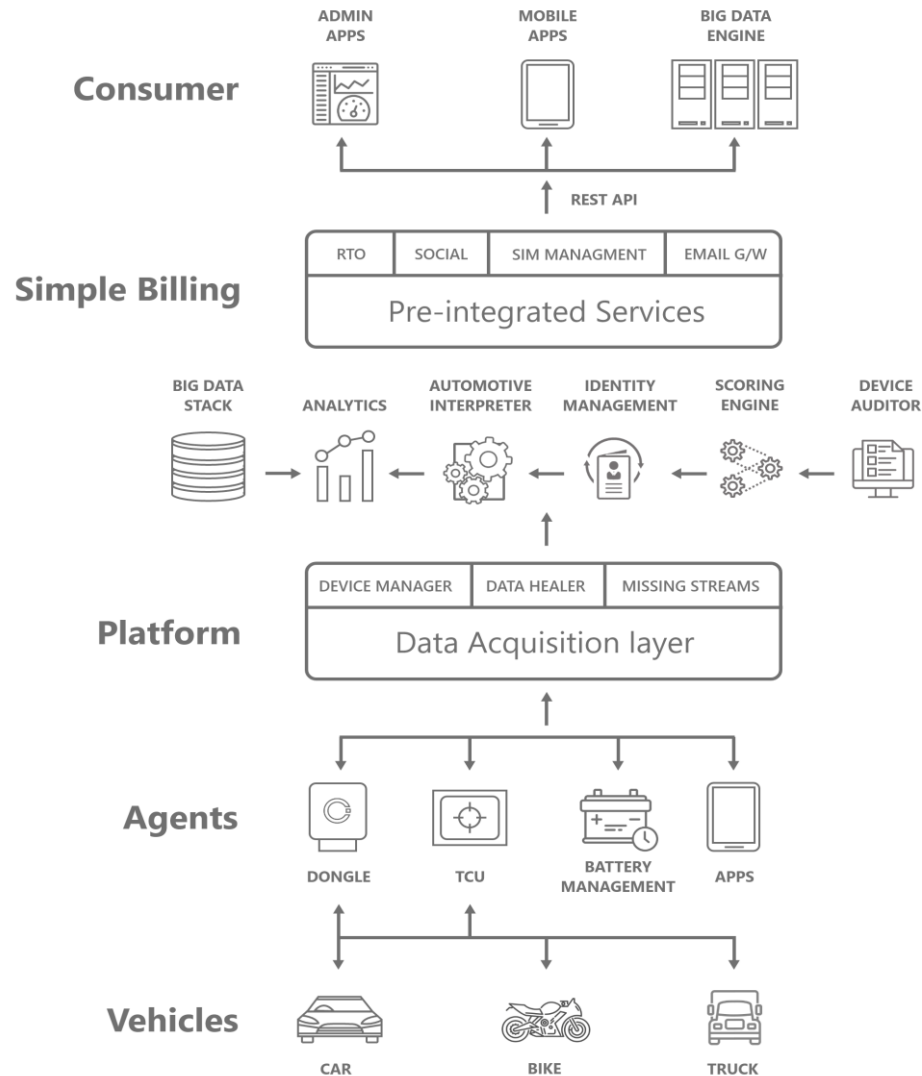
Instrument Cluster Annual Production Volume

Key Customers



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# Varroc's Connected Intelligence platform



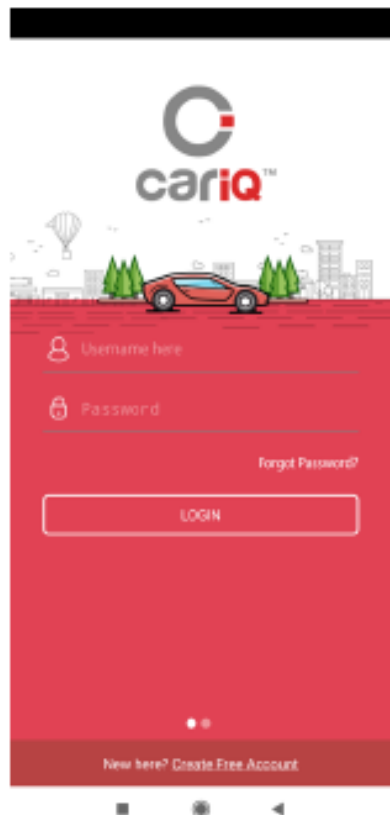
- Built over 7 years
- Field Tested and extremely scalable
- Truly Device agnostic
- High Availability and DR Ready
- Big Data Query Engine
- Lowest TCO
- Available across all Cloud Providers



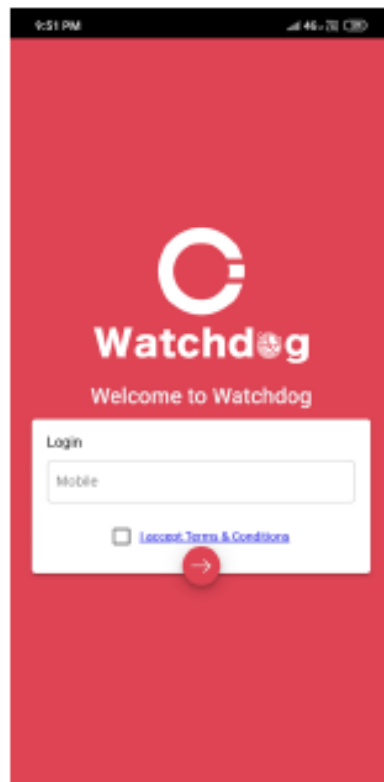


# One Platform Multiple use cases

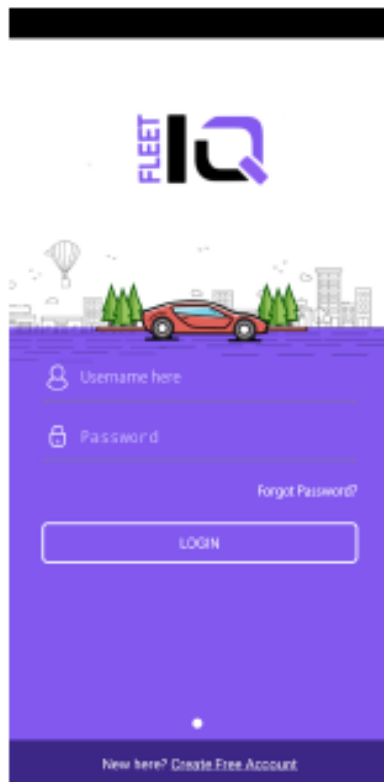
Owners



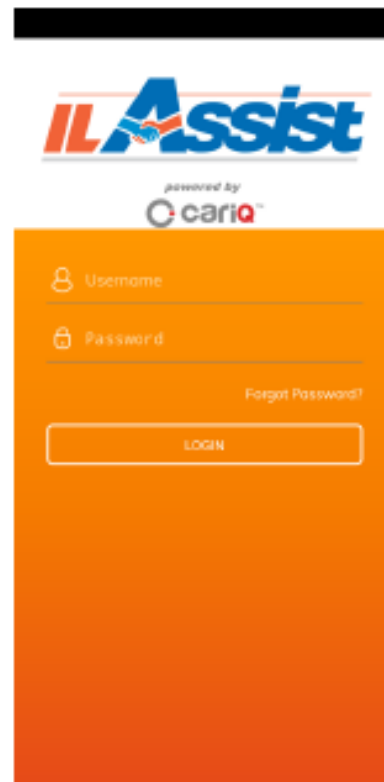
Rickshaws



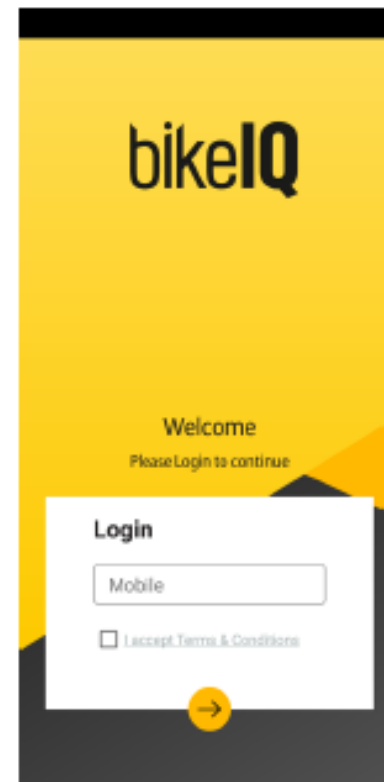
Fleets



Insurance



Bikers



Deliveries

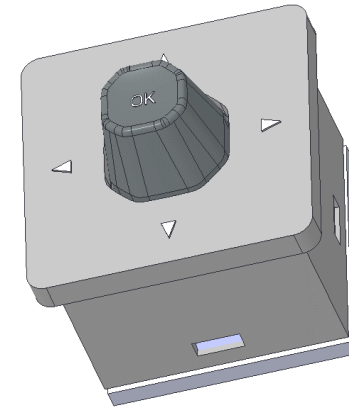


- Available as sdk or Apps on iOS & Android



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# Varroc's Switches and Handlebar

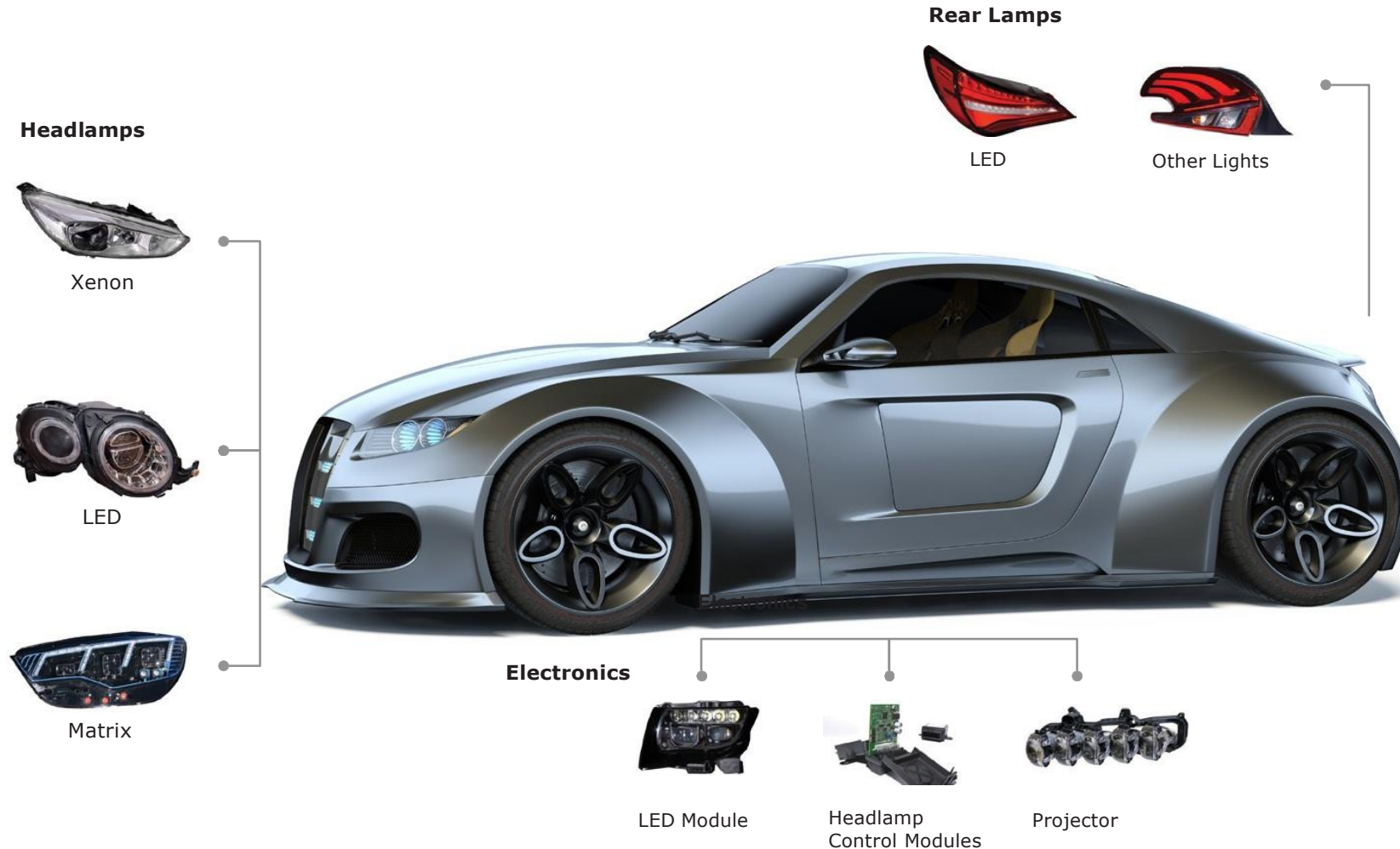


# Varroc's 2W Lighting



# Varroc 4WLighting : Product and Technology Offerings

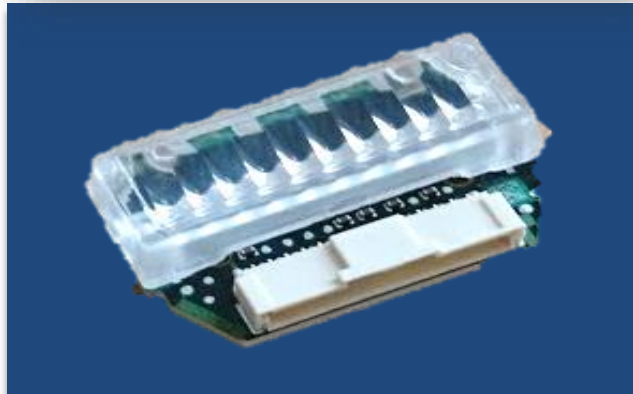
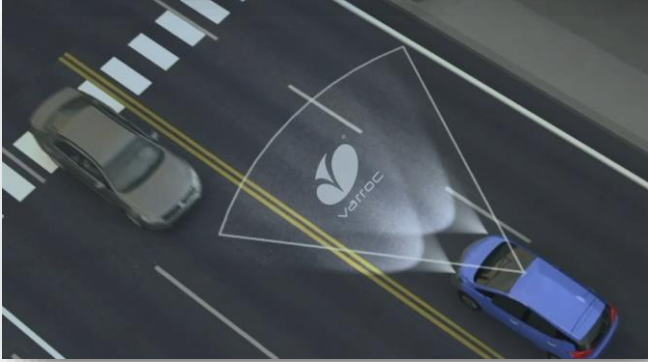
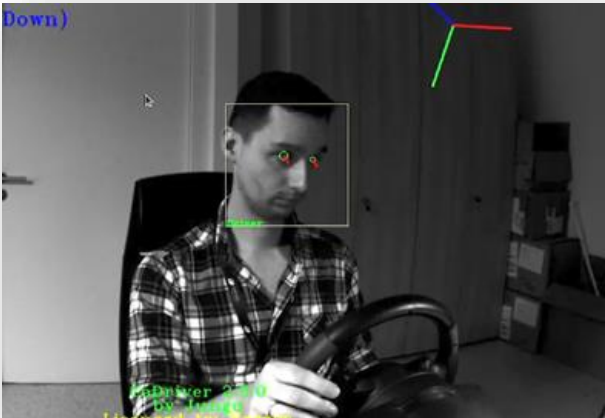
Broad Portfolio of Lighting Technologies for PV OEMs Globally



- Full portfolio of headlamp and rear lamp providing a wide range of products
- Established presence in key emerging technologies such as LED, OLED Laser, Matrix
- Quick adoption of new technology to grow product portfolio
- Customized products for OEMs with long standing relationships
- Providing cost effective, cutting edge technology products



# Varroc's EBU sensing and smart lighting control portfolio



Senses and classifies complex road and in-cabin conditions

Ensures state of the art lighting control to improve night vision

Enables advanced lighting functions by energy-efficient light sources



# Varroc's Employee Engagement Initiatives



**Bring your kids @ Work**



**Women's Day Celebration**



# Varroc's Employee Engagement Initiatives



# Varroc's Employee Engagement Initiatives



*Birthday  
Celebration @  
Labour Camp*






# Varroc's Employee Engagement Initiatives




# Thank you

**SINCERITY**  
TO SPEAK  
& ACT  
FROM  
THE HEART




TO WALK WITH  
EVERYONE

**HUMILITY**




**INTEGRITY**  
TO DO  
WHAT  
IS RIGHT



TO GO THE  
DISTANCE  
AGAINST  
ALL ODDS

**PASSION**



**SELF DISCIPLINE**  
TO MAKE  
IT HAPPEN

