

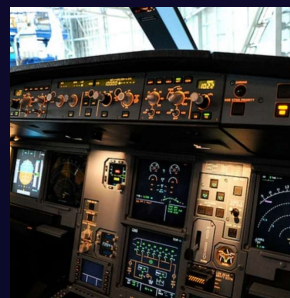


VIMERCATI



# Vimercati Group: Excellence in Automotive Solutions

Vimercati, part of Viney Corporation Private Limited, delivers premium design and manufacturing solutions with over 77 years of heritage in automotive and other fields.





# Global Presence



## Italy

Headquarters in Pero,  
Milano with 3,000sqm  
Assembly Plant



## Romania

Two production sites  
with 15,000sqm  
Assembly Plant



## Mexico

Monterrey production  
site with 1,200sqm  
Assembly Plant



## India

Mothercompany with  
13 plants in New Delhi



## USA

Commercial and  
Engineering support



# Company Strengths



## Full Service Supplier

Premium capability in design, development, industrialization, and serial production.

## Long Heritage

Established in 1948 with over 77 years in automotive and other fields.

## Flexible Model

Cross-sector technologies for automotive, aerospace, home appliance, and industrial solutions.

## Smart Structure

Spanning different applications from high range to niche production.



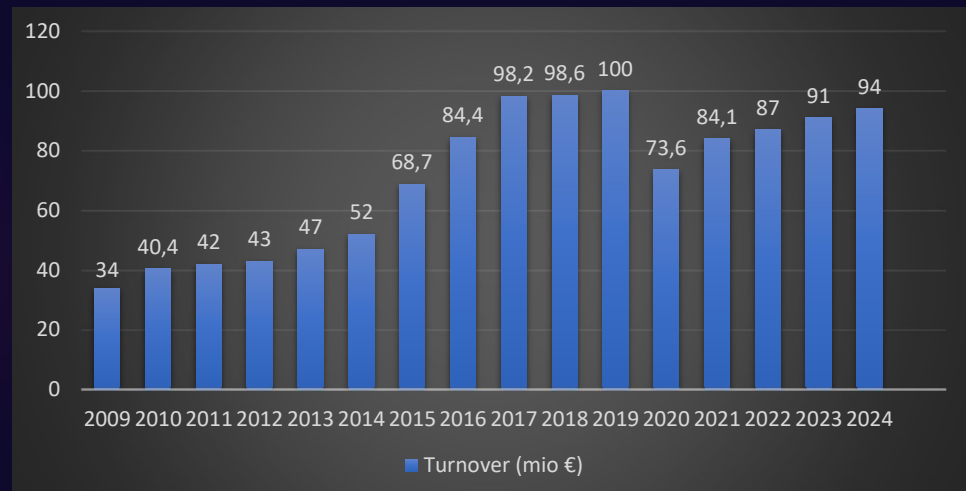
# Business Growth

Internal growth from 2009-2019 with no M&A activity

Romania plant ramp-up contributed significantly

Positive trend after 2020

Target of €100M by 2025/2026



# Automotive HMI Solutions

## Displays

Touch screens, colored and reconfigurable interfaces



## Access

Door opener, lock/unlock



## Exterior

Charging module switches for EV/PHEV vehicles



## Ambient Lighting

Aesthetical modules with variable illumination colors and effects



# Key Products



## Linear Switches

Customized haptic solutions with patented technologies



## Steering Controls

Wheel switches and paddles with ergonomic design



## TFT Displays

CAN communication with customized graphics



# Products for



Tailgate switches



Charge port switches



Pedal switches



Clutch/Brake switch



Sliding door contactors





# Products for



Steering Wheel Rotary Module



Steering Wheel Commands



Drive Selector  
Control unit



Gear Module



Clutch / Brake  
switch



Cockpit Switches



Gear Paddles  
Shifts



# Products for



Trunk Switches



Seat Heating  
Switch



Seat Memory  
Switch



Gear Paddles  
Shifts



Light control  
units



# Products for

BMW  
GROUP



ROLLS-ROYCE  
MOTOR CARLS LTD



USB Plugs



Door Lock and Door Opener Switches

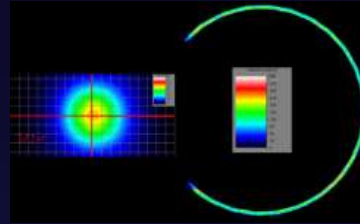


Airbag switch off



Central console





# R&D Capabilities



## Innovation

Internal initiatives and partnerships for cutting-edge solutions



## Mechanical R&D

3D modeling, integration, and FEM analysis



## Electronics R&D

Software and hardware design and development



## Validation Lab

Complete product validation on test bench



# Manufacturing Excellence

## Process Engineering

Assembly and control process development tailored to each application

## Advanced Equipment

Injection molding up to 3k and premium surface finishings

## Quality Control

SMT including AOI 3D, ICT with complete assembly controls

## Automation

Customized automation level precisely tailored to each application

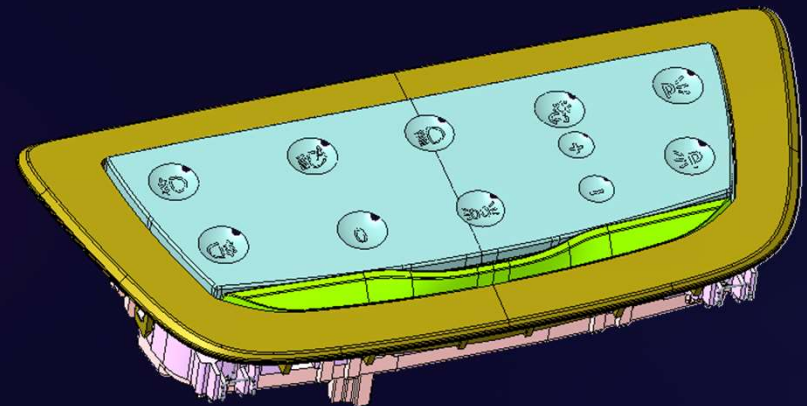




# Product technologies – capacitive modules

## PREMISES

1. Unique big mechanical surface with a short stroke activation;
2. Touch surface for functions preselection;
3. More complex design for the touchable surface;
4. Costs reduction compared to existing solutions on the market;
5. Limiting the product depth.



FULLY FUNCTIONAL SAMPLE AVAILABLE Q4 - 2025



# Product technologies – capacitive modules

- The haptic measurements on the first prototype are listed on the following table:

Description	Parameters	Measured Value
Peak Force	F1	5,02 N
Stroke at max. Force	S1	0,65 mm
Electrical Point	S2	0,71 mm
Endstroke	S3	1,02 mm
SNAP Point	SNAP	47%

Target considering a reduced product depth:  $0.6 \pm 0.2$

An additional reduction of the s2 is possible considering an increasing of the product depth.



# Product technologies – magnetic haptic

## PREMISES

1. HMI component with a rotary activation
2. Approaching an haptic feedback via a magnetic field



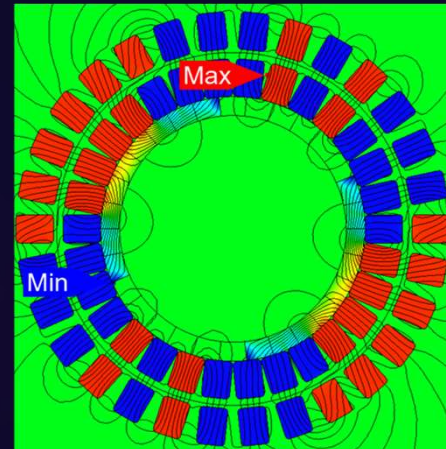
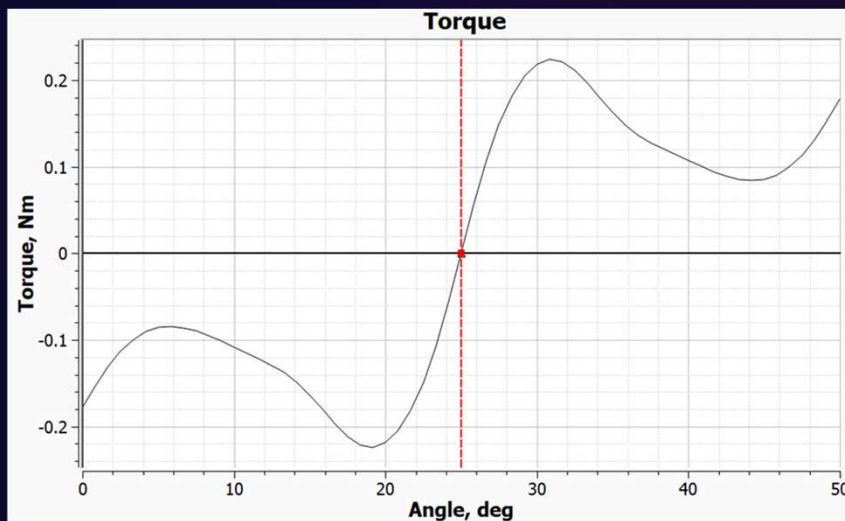
FULLY FUNCTIONAL SAMPLE AVAILABLE Q4 - 2025





# Product technologies – magnetic haptic

- The results of the final simulation are shown in the diagram below;
- Max. torque value: 0,2 Nm
- Min. torque value: 0,08 Nm
- The torque can be varied according to the customer specifications and to be verified in comparison with the desired actuation angle and available space



# Why Vimercati

ultimate solution offered thanks to our cooperation with multiple Customers in different applicative fields

global presence leading to reduce total landed costs

smart structure enabling to hit the ground faster

quality scores from field prove robust engineering and process

