

Leaving a mark at Auto Expo

We are pleased to say that we were able to leave a lasting impression as we showcased our latest advancements in automotive technology at the prestigious Auto Expo.



Electronic Locking Differential (EDL)

One of the major highlights was the display of EDL, an electronically-operated EV differential that enhances traction control and driving safety. The EDL, housed in the rear axle, allows both rear wheels to turn at the same speed, providing exceptional traction and improved manoeuvrability.



In-Cabin Sensors (ACAM)

We presented the In-Cabin Sensors (ACAM) developed by NOVELIC (acquisition in progress). These state-of-the-art sensors utilise mmWave radar technology to detect child presence and seat occupancy without invading privacy. With increasingly stringent safety regulations, NOVELIC's in-cabin sensor technology is an innovative solution that enhances passenger safety and ensures compliance with the highest standards.



Switched Reluctance Motor (SRM)

We also showcased the Switched Reluctance Motor (SRM), a collaborative effort with Enedym. This motor is based on their patented magnetless technology, designed specifically for the Indian market. Unlike conventional electric motors that rely on magnets to create a rotating magnetic field, Enedym's SRM eliminates the need for magnets, making them exceptionally quiet, low in vibration, and environmentally friendly.



"The automotive components industry is going through an evolution with the emergence of electric, connected and autonomous vehicles. Sona Comstar is at the forefront of developing advanced technologies for safer, smarter, and more efficient vehicles."

Sunjay Kapur

Chairman and Non-Executive Director

