

Mezzo Panel™ Plus featuring Morphing Surfaces

Innovation

Mezzo™ Plus

A seamless large decorative front panel that can integrate sensors, cameras, RADAR and functional lighting. Mezzo Plus presents the perfect canvas to integrate various communications features such as decorative lighting, words or symbols like battery charging status.



Smarter	Safer	Lighter	First to Market Opportunity	Co-Development Opportunity
Electrification	Autonomy	New Mobility	Design	Magna Exclusive
Patent Pending				

- Lit surface decoration possibilities include Chrome, Paint and Printed Film effects
- Thin molded panel with large-format in-mold film technology
- Hidden-until-lit lighting features
- Animated lighting capability
- State-of-art radar sensor functional integration

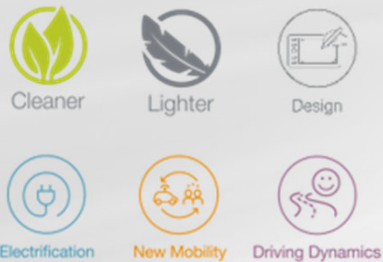
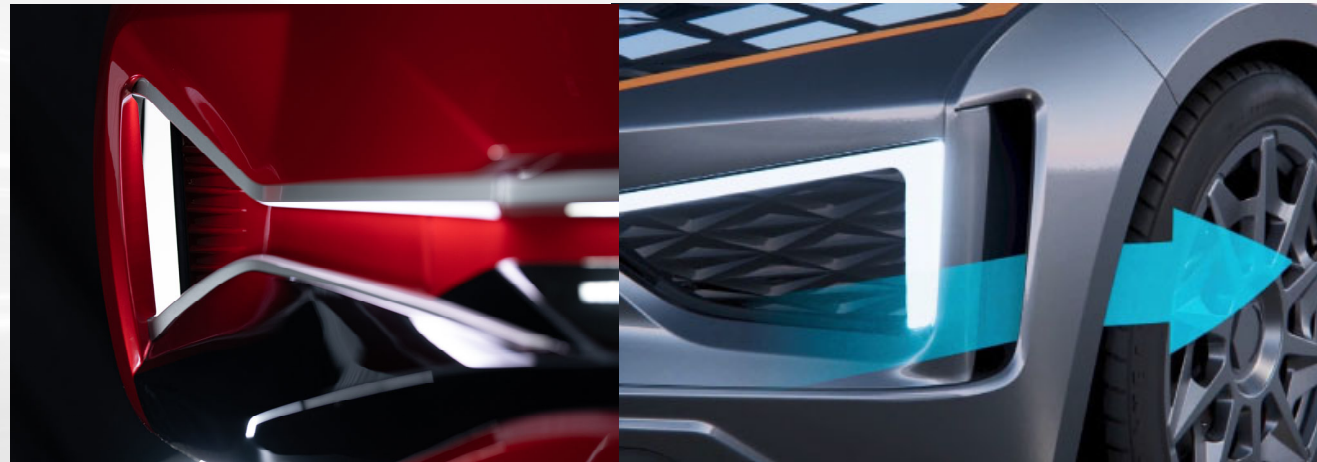
- Electric vehicles (EV)
- Internal combustion vehicles (ICE)
- ADAS integrated panel modules



Innovation

Morphing Surfaces

Investigation into materials & design options to enable flexibility / shape changing capability as part of the existing exterior solution (fascia, fender, spoiler, etc.) to achieve functionality like improved aerodynamics, appearance, communication or access



Competitive Advantage/Differentiators

- Aerodynamics drag reduction
- Appearance / Design Enhancement
- Sensor Integration
- Communication – movement signal
- User Access – morphable cover panel

Applications

- Bumpers
- Spoilers
- Pillars
- Rocker Panels





ii MAGNA

Forward. For all.