

Real Time Pressure Sensing

# Auto Adjust Seating

Magna's Real Time Pressure Sensing technology obtains real time occupant pressure data to automatically adjust seating features to an optimized comfort position.

Smarter 
 New Mobility 
 Lighter 
 Co-Development Opportunity 
 Patent Pending 
 Magna Exclusive



### Competitive advantage/differentiators

- Obtains real time occupant pressure data to automatically adjust seating features to an optimized comfort position.
- Flexible, precise and thin (less than 1mm) 2D multiplex sensor array
- Advanced algorithms can enable more sophisticated applications (OCS)

### Applications

- Auto-Adjustment of seat comfort features
- Adjustable for different driving modes
- Anti-fatigue/discomfort mitigation
- Occupant detection in autonomous vehicles
- Detect unbuckled occupant and unattended children
- Potential to use in occupant classification system

