Life on Board tech complements Nissan Intelligent Mobility
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Life on Board (LoB)
Innovative value enhances every stage – getting into the vehicle, preparing to drive, actually driving and, finally, getting out
Nissan's Intelligent Cockpit and Comfort Cabin feature LoB technology that reduces the driver’s workload to make driving easy and enjoyable. LoB also appeals to the senses, adding to this quality-crafted vehicle’s overall charisma.

### Core Focus of LoB

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<thead>
<tr>
<th>Intelligent Cockpit</th>
<th>Situation awareness</th>
<th>Workload</th>
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<tbody>
<tr>
<td></td>
<td>Extended field of vision</td>
<td>Expanded awareness</td>
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<td></td>
<td>Intuitive display</td>
<td>Effortless operation</td>
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<table>
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<tr>
<th>Comfort Cabin</th>
<th>Posture support</th>
<th>Impressive acoustics</th>
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<td></td>
<td>Clean air quality</td>
<td>Easy ingress/egress</td>
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<tr>
<td></td>
<td>Pleasant illumination</td>
<td>Wide service variety &amp; simplified operation</td>
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<th>Quality-crafted</th>
<th>Satisfying feel of door handles, switches, and other surfaces</th>
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<td>High perceived quality and audible indications</td>
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Intelligent Cockpit: Enhanced vision

- Visual clarity is aided by mirror and lighting for confident operation.

Next-gen Intelligent Rear View Mirror

Camera provides a clear rear view

Adaptive LED Headlight

Headlights brighten as needed, without blinding oncoming or preceding drivers.

Extended field of vision

40 Degree

Clarity at night

Clarity in rain

Clarity even facing sunrise/sunset
Cabin comfort: Purer air quality

- Health supported by steadily eliminating VOC materials and shutting out noxious fumes and PM
- Purifies cabin air, keeps surfaces clean, and busts odors brought onboard

Shuts out noxious fumes
- Automatic circulation switching
- Engine cover constructed to keep out fumes
- Allergen/odor/dust filter

Noxious fumes
- Exhaust PM2.5
- Allergens

Unhealthy materials (VOC, "new car smell")

Eliminate gas emitting materials from cabin
Reconsidered surface materials, solvents, catalysts

Busts odors and repels dirt brought on board
- Body odor (sweat, oil), CO₂
- Allergens (clothing, skin)
- Dust and dirt
- High-density Plasmacluster ions
- Deodorizing and self-cleaning materials

Today's demo
Cabin Comfort: Seat

- Seats developed for comfort and roominess with a view toward future mobility

**Styling and Perceived quality**
- Support for changing use cases accompanying autonomous drive

**Usability**
- Car sharing is supported by cleanliness and accessibility measures
  - Electronic switch for easy seat adjustment
  - Self cleaning

**Well being**
- Physical warmth and metabolic factors studied to support holistic health
  - Supports blood circulation

**Driving comfort**
- Weight distributing posture support for an aging population
  - Neutral posture
  - Chest
  - Pelvis
  - Zero Gravity
Quality-crafted

- **Sensory appeal and ergonomic design**
  - Perceived quality and feel that exceed expectations, based on human perception characteristics paired with vehicle functionality

- **Expanded perception of quality**
  - Covering the entire journey, from approaching the vehicle to getting out

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<tr>
<th>Approaching/viewing exterior</th>
<th>Loading and unloading</th>
<th>Getting in and out</th>
<th>Function operation</th>
<th>Driving</th>
<th>Spending time</th>
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<tr>
<td>Fashionably designed fascia</td>
<td>Attractive trunk/boot trim</td>
<td>Easy-to-grip door handles</td>
<td>Solid feel of switches</td>
<td>Improved grip and tactile quality</td>
<td>High perceived quality evoking decor</td>
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