




• APTIV •

CES 2025: The Personalized Journey

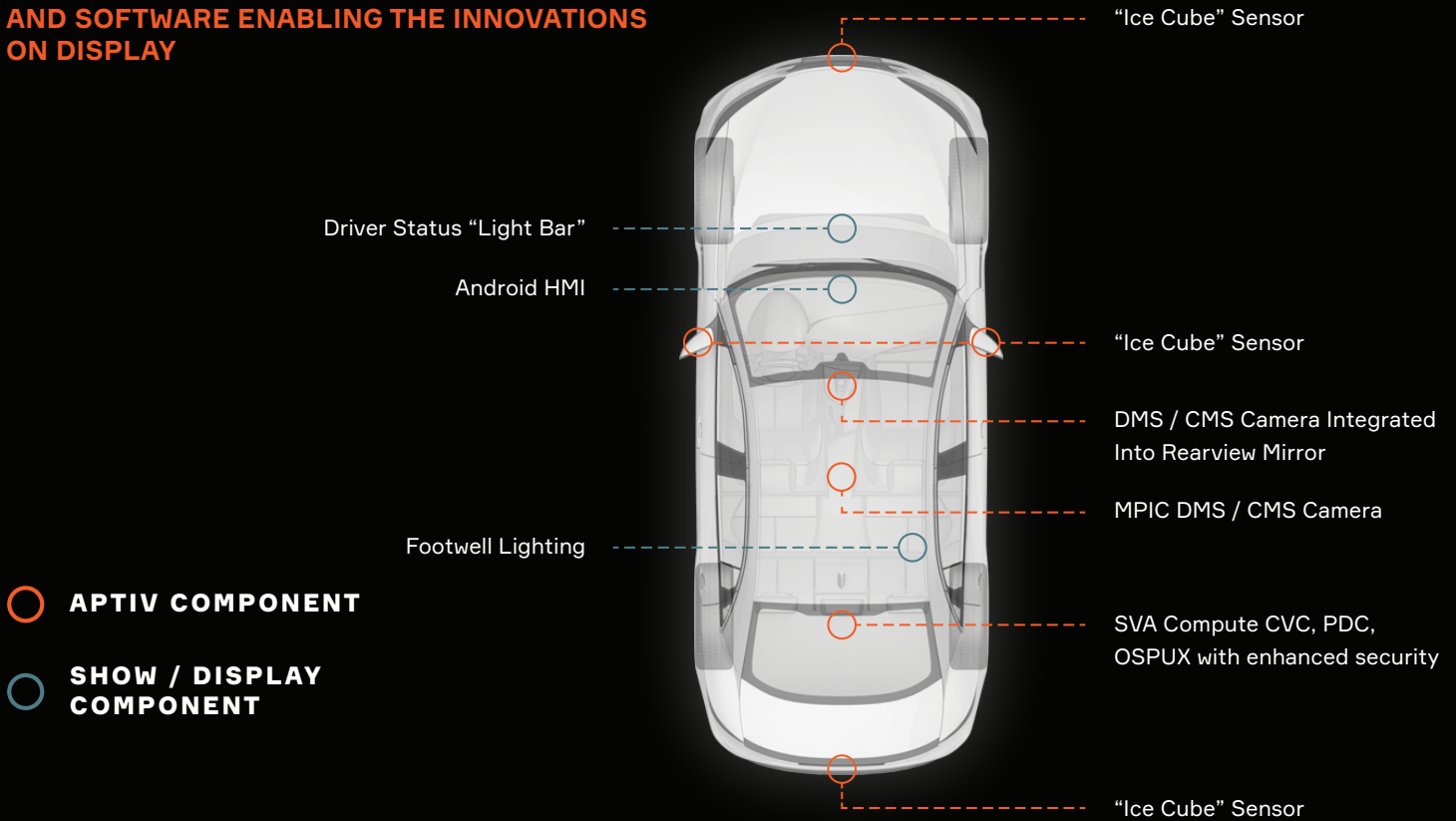


TECHNOLOGY TO BE DEMONSTRATED

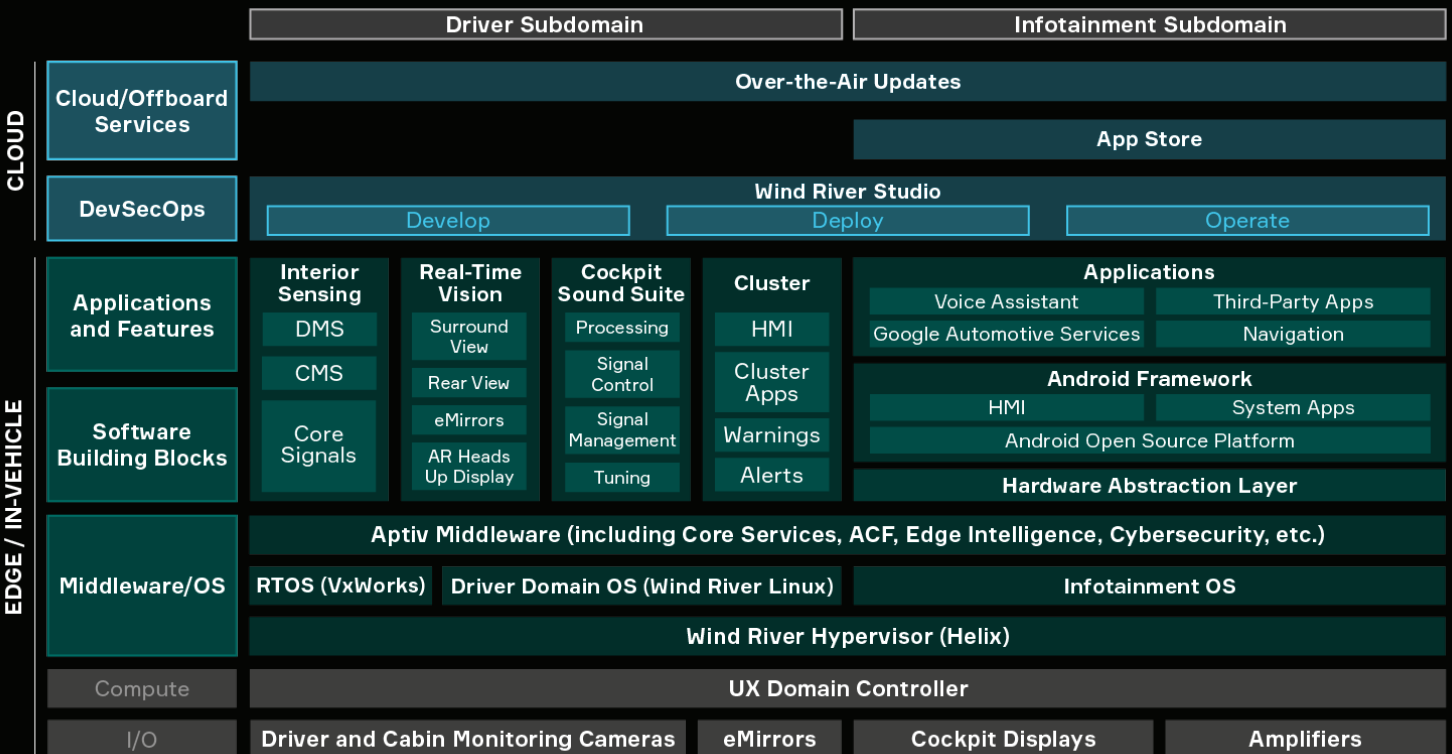
INFOTAINMENT	<p>Aptiv Android Automotive Framework</p> <p>Aptiv Cockpit Sound Framework</p> <p>White Label App Store</p>	<p>• APTIV • + android </p> <p>Driving 15 Speakers</p> <p>• APTIV • + </p>
CABIN MONITORING	<p>Occupant Detection (including child seat)</p> <p>Head / Body Key Points</p> <p>Object Detection</p> <p>Seat Belt Routing</p> <p>Front Seat Belt Recognition</p> <p>Restraint Optimization for Person Out of Position</p> <p>Pre / Post Crash Presence Detection</p> <p>Airbag Deactivation for Child Restraint Systems</p> <p>Seat Occupancy Classification</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>
DRIVER MONITORING	<p>Drowsiness / Distraction / Microsleep / Sleep</p> <p>Head Pose, Eye Gaze</p> <p>Situational Awareness & Region of Interest</p>	<p>✓</p> <p>✓</p> <p>✓</p>
FUSED PERCEPTION		<p>• APTIV •</p> <p>+3rd party</p>
MIDDLEWARE/ OS		WNRDRVR
HIGH PERFORMANCE COMPUTE		Samsung V920
SENSORS	<p>Interior Cameras</p> <p>Rear View Mirror with Integrated CMS camera</p> <p>Camera fused with Radar</p>	<p>RGB-IR and IR Interior Cameras</p> <p>• APTIV • + </p> <p>Ice Cube</p>

Inside the Demo

THE APTIV INTEGRATED COCKPIT HARDWARE AND SOFTWARE ENABLING THE INNOVATIONS ON DISPLAY



Modern, Service-Based Architecture



Note: Simplified and Non-Exhaustive