



Solution Case

Toyota Connected India



About Toyota Connected India

Toyota Connected India (TCIN) is enabling improved safety and convenience with a cloud-based digital connected mobility intelligence platform. They leverage vehicle data and artificial intelligence to change the way people interact with vehicles.



Challenges

TCIN's vision is transforming connected mobility where they bring innovative and ground breaking technologies to their customers to enhance their driving experience with utmost convenience and safety. Additionally, they wanted to help their dealerships and their service operations to reduce the customers' waiting time by automating the check-in process. Therefore, they developed the next generation AI solution from the core thinking of the drivers and Dealers. The projects that TCIN works on is an Automated Vehicle Entry System and Service Operation Management. It is challenging for TCIN to build a prototype within a short period and to make the prototype close to an actual production unit.

For this, TCIN Deployed SmartCow's Edge AI Nodes across all dealer locations in India.

Solutions

SmartCow provides the Edge AI Node based on the NVIDIA Jetson Nano for TCIN's project. SmartCow Edge AI Node is compact and powerful with flexible expansion slots such as MicroSD card, M.2 E Key for WiFi and Bluetooth. Hardware solutions from SmartCow are plug and play, which cuts down the development period by allowing TCIN to focus on software development and product designing.

Results

The solution fully supported TCIN's project and benefited their dealers across India, making the service operation seamless. Also, SmartCow's continuous support enabled TCIN to build the POC within a short period, resulting in successful delivery to their customers within the timeline.

SmartCow is the hardware solution provider and TCIN's reliable partner in subsequent support activities.