



# ONYX

## Two-Wheeler IVI Platform

The two-wheeler vehicle market is undergoing a technological transformation, driven by its need for greater safety and enhanced rider experiences. ONYX, Two-Wheeler IVI Platform, is designed to realize digital instrument clusters. It's a hardware and OS-agnostic platform consisting of reusable and adaptable components such as HMI front-end, middleware, an infrastructure layer and a platform adaptation layer. The platform was developed with a focus on the quickly rising numbers of cheap motorcycles in Asian markets

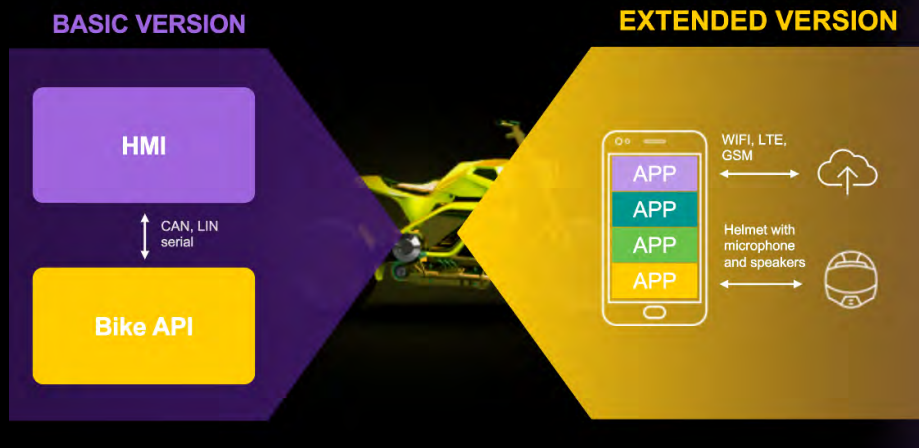
### The challenge

The transition from a hardware-based Tier-1 model to a software-focused Tier-1 model, which has already been underway with automotive OEMs, is expected to extend to motorcycle OEMs in the future. This shift aims to reduce costs associated with digital instrument clusters while simultaneously enhancing functionality. By leveraging connectivity features, such as Bluetooth integration with users' mobile phones, manufacturers can deliver a richer, more versatile rider experience.

### Our solution

#### **ONYX, Two-Wheeler IVI Platform — a complete package**

Our comprehensive two-wheeler platform provides everything needed for modern motorcycle development, including a UI/UX reference design/specification, functional logic and a customizable UI. It features a simulation framework, test automation tool, and an editor for appearance and behavior, enabling manufacturers to deliver innovative solutions efficiently and effectively. The platform's modular design allows manufacturers to adapt and tailor solutions to meet specific market needs, ensuring scalability and relevance across diverse segments



## Why work with us?

- Reduced time-to-market
- Includes “out-of-the-box” mobile connectivity (e.g. Google Maps, Media playback, etc.)
- Minimizes development and BOM costs
- Increased reusability due to platform’s approach
- Helps gain independence from HW Tier 1s
- Creates in-house software expertise and is an enabler for establishing a software factory process

### Benefits of DXC Luxoft:

- Global presence/Footprint of delivery locations
- Price attractive through good nearshore/offshore mixing
- Long-time established SW supplier in the automotive industry
- Strong automotive in-house expertise including UX/UI design
- Flexible collaboration models (e.g., SW house approach)

## What makes us different?

- Reusability of platform
- Platform not bound to specific Tier 1 hardware, meaning less dependency
- Source code delivery
- Platform focuses on entry-level, which results in very little resource demands keeping it price attractive
- IP buyout possible



### For more information contact:

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