

SOLUTION ACCELERATOR

EMBITEL TELEMATICS SDK

FOR OEM'S, TIER-1 SUPPLIERS & MOBILITY PROVIDERS



RAPID
SECURE
RELIABLE
TELEMATICS
APPLICATIONS

 **embitel**
A VOLKSWAGEN GROUP COMPANY



INTRODUCING OUR LATEST SOFTWARE DEVELOPMENT KIT (SDK)—TELEMATICS SDK.

DEVELOPING APPLICATIONS FOR YOUR CAR OR FLEET'S TELEMATICS CONTROL UNIT (TCU) FROM SCRATCH IS EXPENSIVE AND TIME-CONSUMING. **BUT NO MORE!**

EMBITEL'S TELEMATICS SDK IS A COLLECTION OF



TOOLS



DOCUMENTATION



BACKWARD COMPATIBLE APIs



TELEMATICS SDK IS A SOFTWARE BUNDLE DESIGNED TO PROVIDE A SOLID FOUNDATION TO DEVELOP TELEMATIC APPLICATIONS



MODULES OF OUR TELEMATICS ACCELERATOR

EMBITEL.COM



BUILT TO **PERFORM,** BUILT FOR **ACCELERATED DEVELOPMENT**

A READY-TO-USE, STANDARDIZED, AND
SCALABLE FRAMEWORK.



QUALITY GUARANTEED

6

MODULES WITH
CODE REUSABILITY

FULL FLEDGED
DOXYGEN
DOCUMENTATION

API REFERENCES
ARCHITECTURE
SEQUENCE DIAGRAMS
FUNCTIONS
TYPE DEFS
DATA STRUCTURES

50%

REDUCED
TIME-TO-MARKET

18+

YEARS OF
INDUSTRY EXPERTISE



FEATURES GUARANTEED



MODULAR & REUSABLE COMPONENTS

- A telematics SDK provides pre-built APIs for communication, data collection, and remote diagnostics.
- It enables seamless integration across different vehicle platforms, reducing redundant development efforts.



STANDARDIZED DATA & COMPLIANCE

- Provides unified data models for vehicle telemetry, diagnostics, and analytics, ensuring consistency across different vehicle types.
- Helps meet regulatory compliance (like ISO 21434 for cybersecurity and UNECE WP.29 for over-the-air updates).



OVER-THE-AIR (OTA) UPDATES & REMOTE MANAGEMENT

- Enables continuous software updates for SDVs, keeping vehicles up-to-date with the latest features and security patches.
- Supports remote diagnostics and predictive maintenance, reducing downtime and service costs.



AI & DATA DRIVEN INSIGHTS

- SDKs with built-in machine learning models help analyze driving patterns, fleet performance, and predictive maintenance.
- Real-time edge computing optimizes decision-making without cloud dependency.



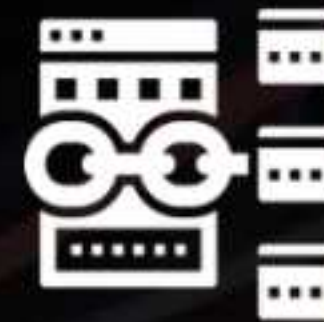
BENEFITS GUARANTEED



**SIMPLIFIES INTEGRATION
WITH MODULAR API**



**ENHANCES
ENERGY EFFICIENCY**



**REDUCES HARDWARE
DEPENDENCIES**



**PLUG-&-PLAY API
SIMPLIFY
GPS INTEGRATION**



**PERIODIC CHECKS
ENSURE STABLE
OPERATIONS**



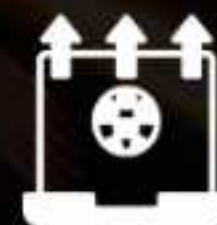
**CROSS-PLATFORM
COMPATIBILITY WITH
MINIMAL ADJUSTMENTS**



**REUSABLE APIS ELIMINATE
THE NEED FOR PLATFORM-
SPECIFIC CODE REWRITES**



**VERIFIED DATA EXCHANGE
ENSURES ROBUST
PERFORMANCE IN AUTOMOTIVE
TELEMATICS SYSTEMS**



**INTEGRATES EASILY ACROSS
DIFFERENT PLATFORMS,
MAKING FUTURE UPGRADES
SIMPLER**



**GAIN VALUABLE DATA
TO IMPROVE DRIVER
PERFORMANCE**



**IDENTIFY AND
MINIMIZE AGGRESSIVE
DRIVING BEHAVIOUR**



**WORKS SEAMLESSLY
ACROSS TELEMATICS
SYSTEMS**



TRUST GUARANTEED



WE ARE FOCUSED ON
DEVELOPING SOLUTIONS THAT
REDUCE TIME-TO-MARKET



WE ARE
PROUD PRACTITIONERS OF
AGILE METHODOLOGIES

4.5

RATED ON
CUSTOMER SATISFACTION
SCALE!

1000+

DEDICATED EXPERTS IN
DELIVERING
DATA-DRIVEN SOLUTIONS

80+

TIER-1
CUSTOMERS



WE ARE A
VOLKSWAGEN GROUP
COMPANY

EMBITEL'S AWARDS AND CERTIFICATIONS





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