



RA Ecosystem Partner Solution

SWISYS OBDII/J1939 bridge



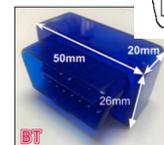
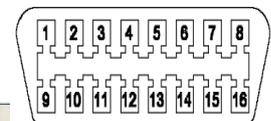
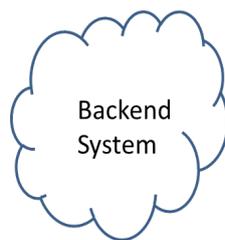
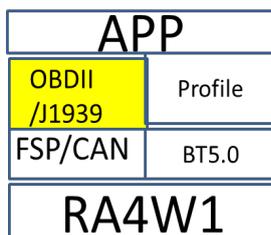
1. Solution Summary

SWISYS's new OBDII/J1939 bridge solution works out-of-box with [RA MCUs](#) and delivers valuable vehicle information and robust platform for low-resource IoT edge devices

2. Features/Benefits

- Supports both CAN 2.0A and CAN 2.0B (ISO 11898). Meets the OBDII and J1939 standard
 - ✓ Can query SPD, TMP, RPM, APP, MAP, ...etc.
 - ✓ Can query DTC Codes
- Can provide additional info for value-added processing on raw data
- Provide UART Interface for BT, WiFi, 3G/4G, DSRC, NBloT integration, Compatible with ELM327 command set plus SwiSys proprietary command set
- Passes the automotive grade EMS tests:
 - BCI (ISO 11452-4)
 - EFT (IEC 61000-4-4)
 - ESD (IEC61000-4-2)
- Abundant MCU/CPU firmware library
- For secondary development/ integration
- Verified vehicles include: DAEWOO, FUSO, HINO, KING LONG, SCANIA, YUTONG, etc.

3. Diagrams/Graphics



4. Target Markets and Applications

- Fleet management system, Vehicle-to-vehicle (V2V) communications
- GPS Navigation Assistance
- Vehicle status management, Vehicle performance log, Vehicle diagnosis & maintenance
- In-vehicle infotainment (IVI)
- Vehicle pollution monitoring
- Driver behavior analysis

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瑞麗系統科技有限公司 SWISYS CO., LTD.



accurate vehicle data for safer roads and more efficiency

About Us

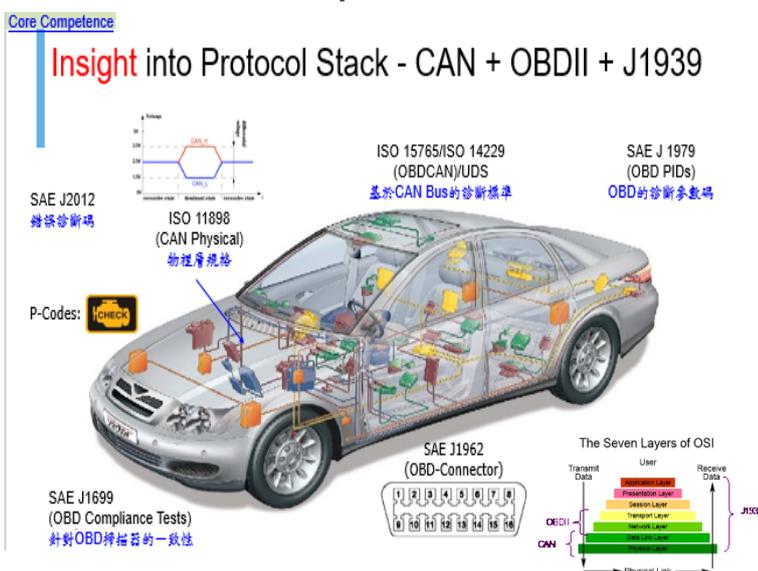
SWISYS CO., LTD, founded in Oct of 2016 . with headquarter in Tainan, Taiwan, is a leading embedded system solution provider. Especial professional on CAN Bus protocol and its applications.

- CAN(ISO 11898) /LIN bus
- Diagnosis : OBDII (ISO15765) /LIN /UDS 14229 , SAE J1939 .

-- Application :

- HUD system
- DVR system
- Fleet track system
- Driver behavior analysis .

Core competition



Rich Applications/Markets

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HUD



DVR



Diagnostic



FTS