

DiagRA[®] LE

for Volkswagen Group MQB Motorsport

Product Information



Automotive Products
Professional Services
Integrated Solutions





Company Introduction

RA Consulting GmbH is a German based software engineering company. The RA[®] software products primarily support development departments of prominent international car manufacturers and their 1-Tier suppliers in the diagnostics and calibration field. RA[®] diagnostic products DiagRA[®] MCD Toolset DiagRA[®] LE and Silver Scan-Tool[™] are used all over the world setting standards throughout the complete development process of ECUs for OEMs.



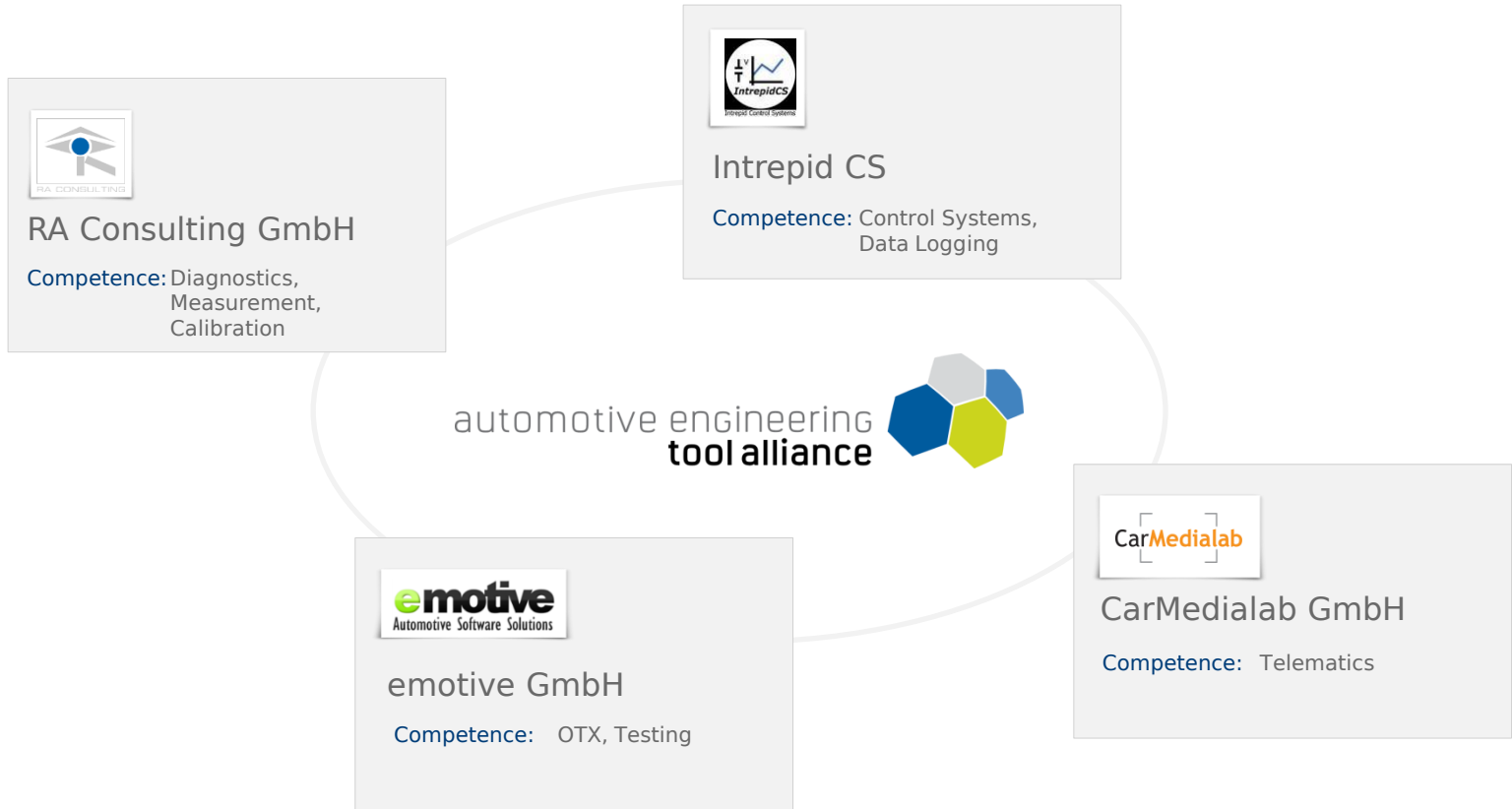
Company Facts

- Founded in 1989
- CEO and founder: Armin Rupalla
- Headquarter: Bruchsal, Germany
- Global Presence : reseller network and local offices
- 25.000 software users worldwide
- DIN EN ISO 9001:2001 certified
- Founding member of the Automotive Engineering Tool Alliance (AETA)
- Accepted supplier for major OEMs (e.g. VW, Audi, Daimler, GM, Fiat Chrysler, Toyota,....)





AETA Members





Our AETA Customers





Tailor made diagnostics tool
for Volkswagen Group MQB
Motorsports



Two working modes

- Automatic mode

Predefined procedures (0-position setting for steering assistance ECU)

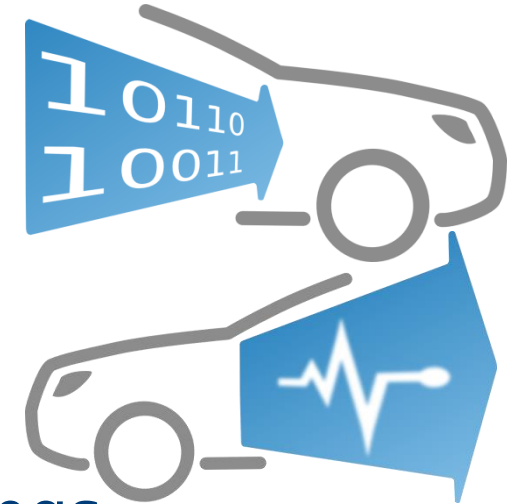
- Analysis mode

Direct manual access to diagnostic information and services



Analysis Mode

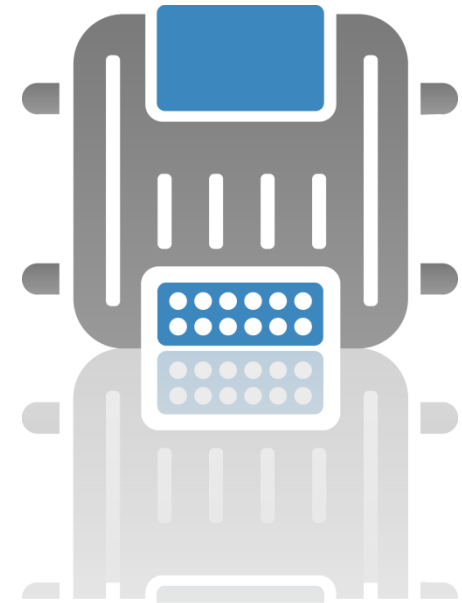
- Direct Access to diagnostic information
- Recording of data (e.g. csv, txt)
- Access to single ECUs
- Workshop diagnostics
- Read/delete of DTC
- Changing of parameters
- Run Actuator Tests and Basic Settings
- Flash programming





ECU Identification

- Access to ECU identification information:
 - ECU part number
 - Software version
 - Coding value
 - ECU state
 - Production information
 - Serial number
 - ...





Fault Memory

- Access to fault codes:
 - Read DTCs
 - Delete DTCs
 - Print DTCs
 - Save DTCs
 - Freeze frame information





Measurement Values

- Display of live measurement values
- Predefined value list
- Recording of diagnostic values
- Selection of values to be displayed by user





Actuator Test / Basic Setting

- Predefined lists

- tests of single actuators, e.g. test of electrical fuel pump Turbocharger bypass valve and fan control
- Basic settings, e.g. Throttle position adaptation, adaptation of boost pressure actuator and fuel pump adaptation





Security Access

- Support of security mechanisms inside the ECU
- Protect selected functions
- Access code required!





Flash programming

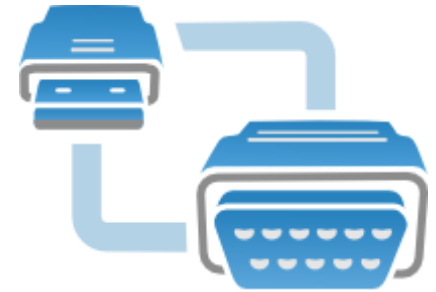
- Flash programming of ECUs using flash data containers provided by Audi/Seat/VW





Supported Interfaces/ Hardware

- Usable Interface: I+ME Actia Lite XS
- Software runs on any Windows PC with WinXP or later





Right Solution
Right Place
Right Time
Right Price