

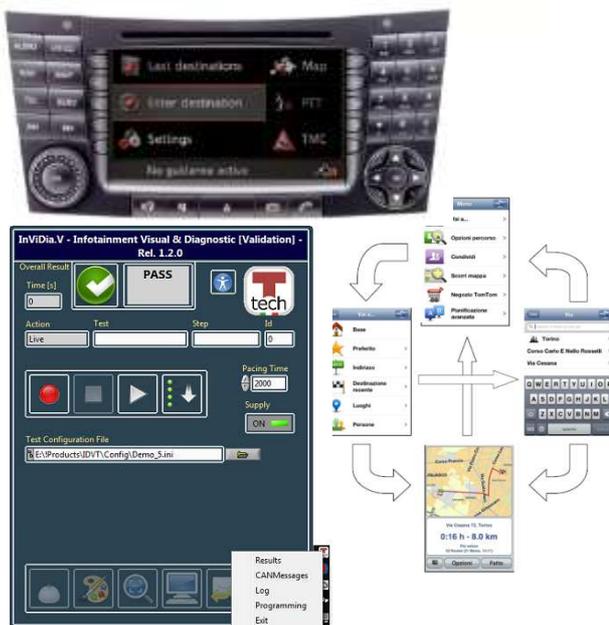


In.Vi.Dia

Infotainment and navigation ECUs validation tool (Visual patterns and Diagnostics)

In.Vi.Dia is the “state of the art” tool designed for the validation of the state transitions suitable for infotainment and navigator systems.

In.Vi.Dia is both a visual validation solution, that allows an integration with diagnostic protocols, and an automated solution for R&D laboratories



MAIN FEATURES:

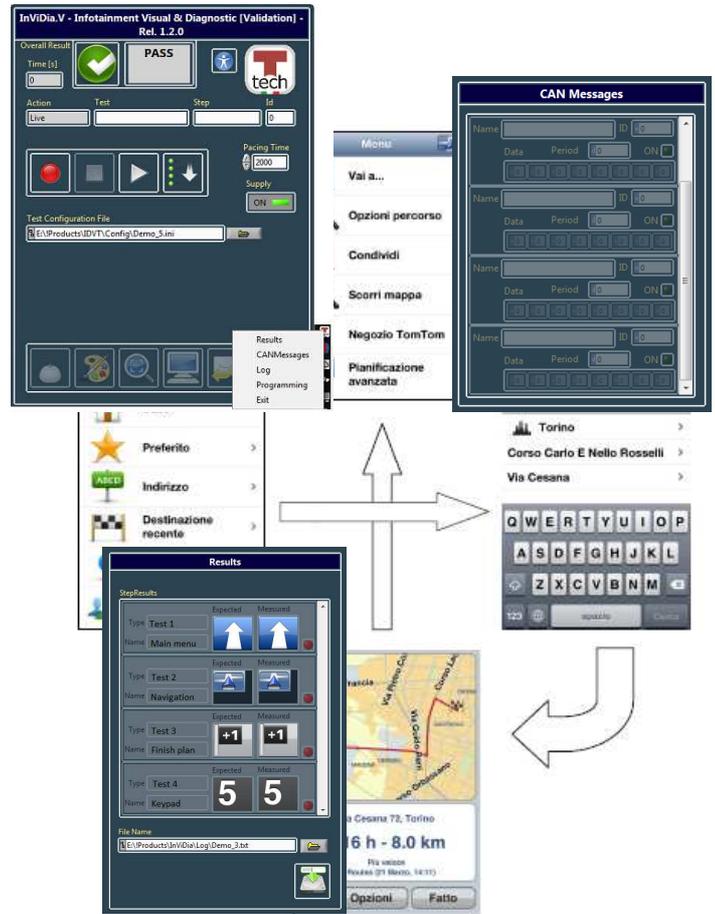
- No need of camera for image acquisition
- Built-in diagnostic protocols and application messages on CAN, Kline and LIN.
- Fast and accurate image test, with touch simulation and integration with external keypads
- Wizard guided learning and automatic playback sequencer for testing
- Clear and accurate logging and reports
- Easy integration with **DLS.Pro** and **T.Dio** and/or **T.Daq**

TECHNICAL SPECIFICATIONS

Specification		
Control Bus	Bi-directional on Ethernet or USB	Custom interface available upon request
CAN Interfaces	National Instruments, Vector	
Diagnostic Protocols	<ul style="list-style-type: none"> ➤ ISO 11898 (Physical layer) ➤ ISO 15765-4 (Diagnostic on CAN) ➤ ISO 14230-4 (KWP2000) ➤ ISO 14229 (UDS) ➤ ISO15031 (OB2 II Protocol) ➤ ISO 11898-1 (CAN FD) 	<ul style="list-style-type: none"> ➤ CAN 2.0A (11-bit) ➤ CAN 2.0B (29-bit)
Peripherals	Monitor Keyboard	LCD 17" 16:9 102 keys, US Layout (touchpad/trackball)
I/O Actuation	National Instruments Multifunction Boards	Compatible with T.Dio and T.Daq interfaces

SOFTWARE FEATURES

- ◉ Editable test sequences
- ◉ Step by step with pause function for debugging
- ◉ Recording and playback for easier test configuration
- ◉ Easy to configure with editable parameter files
- ◉ Report generation. The report file can be written in any location, including remote servers.
- ◉ Integration with CDD files for diagnostic
- ◉ Integration with DBC files for applicative messages



ADDITIONAL FEATURES

- ◉ Integration and import of state transition maps
- ◉ CAN logging
- ◉ Automatic keypad activation and diagnostic reading
- ◉ Vehicle network simulation

CONFIGURATION AND OPTIONS

Product code	Sequences Recording	Sequences Playback	Custom Protocols	Programming	Description
InViDia.V	X	X		X	This version is designed for the validation of navigator
InViDia.P		X			This version is designed for the test of the infotainment node at the end of production line
InViDia.Lab	X	X	X	X	This version is designed for the product development in the R&D laboratory