

Features

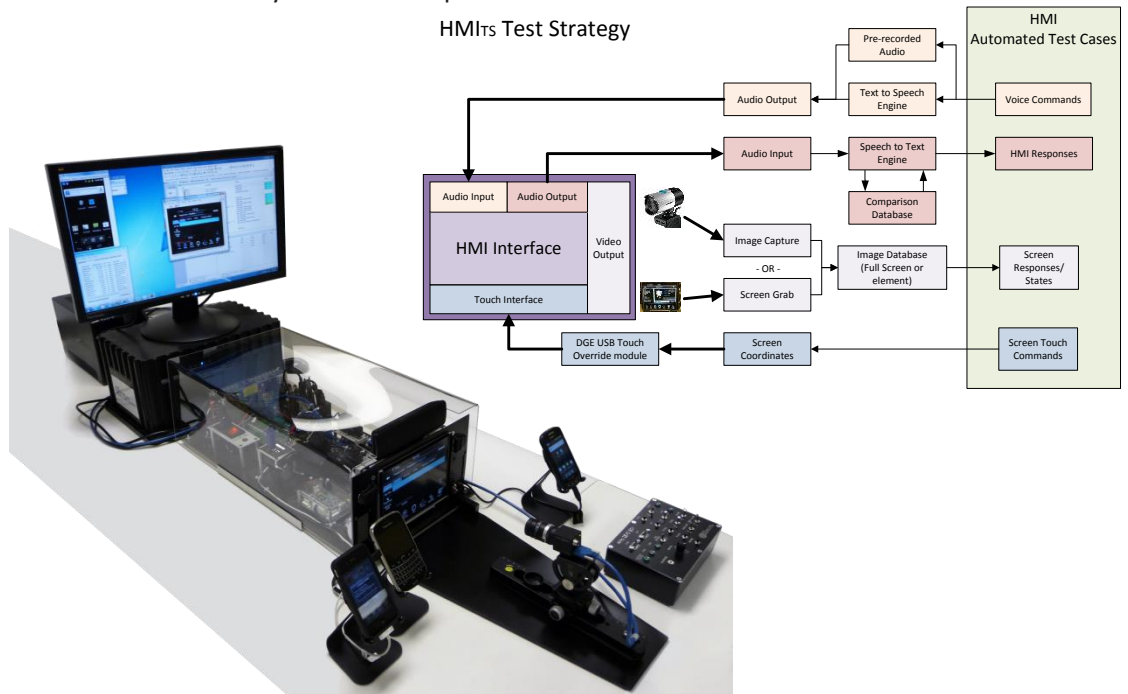
- Fully automated - runs test scripts
- Able to run on simulated hardware – actual device is not required
- Button press signals are injected
- Multi-lingual – use of pre-recorded audio commands allows for custom libraries for languages not covered by text to speech engines
- HD camera interface, or screen capture
- Full logging and test reports that include audio and visual captures of the device output when errors are detected
- Logs vehicle/system bus communications for complete issues capture capability
- Head Unit OS-Independent

HMI_{TS}

Human Machine Interface Test System

DGE's HMI_{TS} reduces test time by 67% while increasing reliability and providing an ROI of less than five months.

HMI_{TS} automates the tedious task of validating user interfaces containing Speech, Video and Touch typically found in vehicle head units and other multi-media devices. Previously, such validation could only be completed by placing a human resource in front of equipment in order to manually execute test plans.



HMI_{TS} programmatically interacts with the target device using Pre-recorded Audio, Speech to Text, Text to Speech, Video, and Touch screen interfaces. The interface is automated, so tests can be repeated to accurately define the confidence of each of these inputs.

If you want a solid HMI – DGE's HMI_{TS} will ensure you have a concrete foundation!

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