As industries adapt to disruptive advancements in technology, the lack of right HMI test validation tools could stifle the pace of product development while a good HMI testing process could accelerate it.

A testing system which validates and tests user interfaces of advanced machines needs to be adaptive and responsive to quick changes and evolutions.

Our system has built-in Bosch’s smart Graphic Testing System (GTS) Eye to keep watch, Intelligence to sense, and classify Reduces configuration time

Eliminates the need for frequent test list updates

Maintains accuracy of test results

BENEFITS OF GTS BASED HMI TESTING:

- **High Accuracy**
- **Non-invasive**
- **Non-interfering**
- **Best-in-class accuracy**
- **Consistency & Regression**
- **First time and always**

GTS is capable of performing unannounced test and all language translation with perfect accuracy

Display & Touch Validation

GTS is an intelligent color picker, capable of classifying and matching colors. It is useful for medical equipment monitoring, detecting road-sign warnings and indications in automobiles.

Sequence & Alignment Detection

GTS is capable of adapting for testing Patient information system. GTS is capable of performing automated text and all language translations with perfect accuracy

Sound / Voice Monitoring GTS

GTS is highly smart in detecting broken sequences in manufacturing industry, such as audio forensics, business and traffic systems.

**WHAT MAKES BOSCH GTS UNIQUE**

- Works seamlessly with HDMI interface
- All bands of radio signals that need test cannot be tested
- Resilience to severe dusting and edge damages is also provided. Sound and video testing is available for smart devices and used for server and server-based device testing.
- The unique ability to test systems that can work on single data stream, multi-computer systems, and audio signal processing generators is an advantage of GTS.
- It can mimic animations and 3D models with in-built audio, video, and image features in any instrumentation.

**USE CASES**

**Text Validation**

GTS is capable of performing unannounced test and all language translations with perfect accuracy

**Display & Touch Validation**

GTS is the perfect test solution to validate true-color display performance. On a display, high accuracy, precision, and control over color are critical.

**Luminance Detection**

GTS is capable of performing unannounced test and all language translations with perfect accuracy

**Color Identification**

GTS is highly smart in detecting broken sequences in manufacturing industry, such as audio forensics, business and traffic systems.

**Sequence & Alignment Detection**

GTS is capable of adapting for testing Patient information system. GTS is capable of performing automated text and all language translations with perfect accuracy

For more information write to us at connect@in.bosch.com