

Receiver Conformance Specialists

The Digital TV Labs Vision

Digital TV Labs is the world’s largest, independent, specialist digital TV testing company, with testing lab facilities in the UK and Hong Kong. We provide global receiver testing solutions and test products, leveraging our huge experience combined with excellent broadcaster and operator relations.

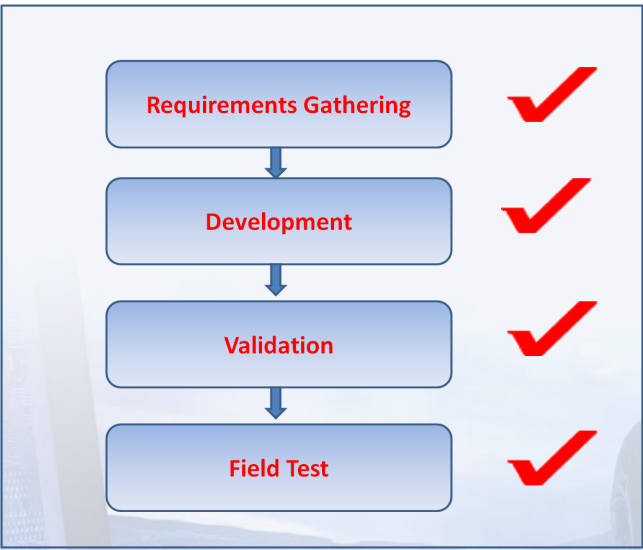
We understand the huge challenges for CE manufacturers and semiconductor suppliers to simultaneously meet the many differing requirements of multiple countries and operators.

With our roots in the CE industry, Digital TV Labs has minimal test lead times, multiple debug-hosting facilities and a well recognised reputation of providing high levels of service and support- enabling our clients get to market on time and meet their demanding deadlines.

Total Solution with Global Coverage

We provide testing services covering all of Europe, South Africa, New Zealand, Australia and South America and are continuously adding new countries. We assist our clients right through their product cycles, from requirements gathering, internal development, pre-testing, certification and field testing. Our testing products and services cover European DVB-T/T2, DVB-T2, DVB-C operators, pan-European DVB-S/S2 as well as ISDB-T.

We are also able to offer testing of antennae, RF front-ends, hardware, functional tests, broadcast signalling, linear services, usability, interactivity, over-air-download and IP connectivity.

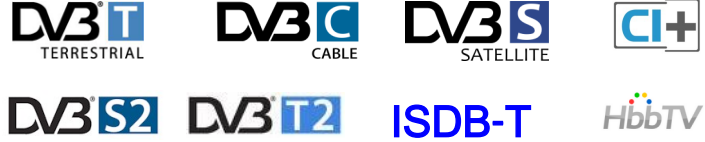


Support and Hosting Facilities

Digital TV Labs understands the pressure on our client schedules and is focused on reducing time to market. We are flexible, helpful and responsive to our customer requests. With client hosting facilities in the UK and Hong Kong, we can provide hands-on support to our customers in local languages to recreate and debug test problems.

Receiver Types and Technologies

We have a long experience with semiconductor evaluation boards, set top boxes, integrated digital televisions, PVRs and IP connected devices. We cover a number of standards and technologies, as seen below:



Certification and Validation

Digital TV Labs can provide receiver certification and pre-testing services for a large number of operators and broadcasters. With our extensive contacts and knowledge of digital TV deployments, we can advise and assist our clients on specifications and logo certification processes. We cover a wide range of logos for certification and pre-testing including Freeview Australia, Boxer, TivuSat, YouSee, Cable Ready, HbbTV, CI Plus and many more. As an official licensee of the DTG Test suite, we also cover the UK Freeview and Digital Tick logos.



Development

Digital TV Labs provides a range of products to digital TV developers including Evora iSuite, RF captures, a CI+ Test Tool and the HbbTV test suite.

Evora iSuite is the only commercial test suite which covers over 32 countries, supports satellite, cable and terrestrial standards and specifications for multiple operators. With more than 50 licensed user sites world-wide, Evora is the industry standard receiver test suite. It covers multiple specifications and simulated field conditions, which enables efficient validation of digital TV receiver platforms in the users’ own development labs. In addition, the suite’s unique capability for developers to interactively view the test requirements and underlying specifications for each test case enables quick and effective debugging of designs.

For RF front-end and demodulator validation, Digital TV Labs has a vast library of RF captures, providing a reproducible ‘virtual’ field test in a lab environment, eliminating RF field problems.

Requirements Gathering

Digital TV Labs maintains excellent contacts with broadcasters, operators, stakeholder groups and has a continuous live network collection programme. We provide global information for product marketing with our Digital TV Wiki database and detailed specification and real network information through our Online Reference Book.

Receiver Conformance Specialists

Digital TV Wiki

A unique online reference database covering world-wide digital TV deployments with up-to-date information on markets, certification and conformance regimes and logos.

RF Receiver and Antennae Testing

Professional lab testing covering DVB-T/T2/S technologies including Nordig, E-Book, MBRAI, AS4933, D-Book and custom requirements. Digital TV Labs has a huge collection of analogue, ISDB-T, DVB-T, DVB-T2 and DVB-C RF captures, which are ideal for RF front-end and demodulator validation and available as selected trouble-spot libraries. We also able to provide anechoic chamber testing for portable antennae.

UK Freeview and Digital Tick

We provide certification and pre-testing services which cover the UK Digital Tick, Freeview, Freeview HD and Freeview HD+ logos for the latest D-Book, including IP connectivity.

Freeview Australia and New Zealand

Digital TV labs is the officially appointed Freeview Australia and Freeview New Zealand logo testing lab, and can test RF, linear services, PSI/SI, EPG, MHEG and Over-Air-Download.

CI and CI+ Testing and Tools

Digital TV Labs is the officially appointed CI+ testing and certification lab, with a huge collection of CI/CI+ modules and receivers for interoperability testing. Our CI+ Test Tool is the official pre-test CI+ host testing tool and includes an extensive CI+ MHEG Browser test suite.



HbbTV Testing and Test Suites

Digital TV Labs can provide core HbbTV testing services, covering application interoperability, terminal tests to ETSI TS 102 796, video streaming, network testing, AIT and DSM-CC tests.

Field Testing

We run regular field testing tours across Europe using our specially designed mobile test lab. The tours are particularly useful for real field testing of RF performance.

Evora iSuite

World-Wide Receiver Test Suite

Evora iSuite is a comprehensive test suite which supports over 32 countries and includes complete Pan-European coverage as well as tests for Australia, South Africa and Brazil. Evora incorporates thousands of test cases, hundreds of custom test streams and provides coverage of DVB-T, DVB-T2, DVB-S, DVB-S2, DVB-C and ISDB-T broadcast standards.

Multi-Receiver Specification and Operator Support

Evora is the industry standard test suite for CE manufacturers and SoC vendors, who are often challenged by the testing requirements of multiple countries, broadcast standards and operator requirements. Evora provide 100% test coverage for over 45 specifications and real network conditions captured through our continuous stream collection programme.

Optimised to Minimise Testing Times

Based on intelligent relational database technology, Evora iSuite can automatically generate the optimum test plan for any combination of countries or operators, eliminating common test cases and therefore minimising testing time. It has a built-in bug tracking system, generates reports automatically, supports multi-user and multi-site concurrent usage and is fully integrated with the Online Requirements Database.

Extensive Test Coverage

Evora has DVB-T/T2/S/C coverage for both free-to-air and pay-TV operators in the UK, Ireland, France, Germany, Italy, Spain, Portugal, Luxembourg, Netherlands, Belgium, Sweden, Norway, Finland, Denmark, Austria, Switzerland, Hungary, Bulgaria, Croatia, Slovenia, Poland, Greece, Lithuania, Estonia, Latvia, Czech, Slovakia, Russia, Ukraine, Australia and South Africa. We are continuously adding new countries to this list.

