
















CI Plus 1.4 Host Test Tool



CI Plus Test Tool

Eurofins Digital Testing's CI Plus 1.4 Test Tool is the official pre-test CI Plus host testing tool, providing a complete test solution that can test, debug and validate CI Plus host devices. It includes test cases for the latest CI Plus v1.4 Extensions specification.

These same test cases are used by Eurofins Digital Testing for official CI Plus v1.4 Certification testing:

-  CI Plus v1.2 Functionality Test Suite
-  CI Plus v1.2 Browser Test Suite
-  CI Plus v1.2 Generic Browser Test Suite
-  CI Plus v1.3 Extensions Suite
-  CI Plus v1.4 Extensions Suite
-  CI Plus Test Harness supporting Test Case Automation
-  Testing Procedures and Results Templates
-  DVB-T/C/S Broadcast Test Streams
-  Encrypted ISOBMFF/DASH Media (IP Delivery)
-  CAM Test Scripts
-  LSC Server Software Including Hybrid and Multi-cast support
-  IP Service List Server
-  CAM Firmware Upgrade Kit
-  Annual Test Tool Support, Including Test Case & CAM Firmware Updates
-  Service & Testing Advice from Expert Engineers

CI Plus Test Suite Overview

The following test suites included in the Eurofins Digital Testing CI Plus Test Tool are mandatory for CI Plus certification:

The CI Plus v1.4 Extensions Suite validates the additions in the CI Plus v1.4 specification including testing coverage of optional features such as IP delivered content (using CAM player mode or host player mode), multi-stream mode, and CAM auxiliary file system (including for HbbTV applications). These features are optional for host manufacturers to support, but mandatory to test if supported by the host.

The CI Plus v1.3 Extensions Suite validates the additions in the CI Plus v1.3 specification including low speed communications, host control, PVR features and operator profile.



The CI Plus v1.2 Functionality Test Suite validates security critical aspects of host operation which were defined in the original CI Plus v1.2 specification.

The CI Plus v1.2 Browser Test Suite validates the CI Plus v1.2 specification extensions to the UK-DTT MHEG-5 profile. Testing of this suite is required for CI Plus conformance for hosts supporting the MHEG application domain.

The CI Plus v1.2 Generic Browser Test Suite ensures interoperability issues are minimised for host presentation of CI Plus MHEG applications. It includes the DTG MHEG-5 test suite and validates the MHEG engine performance for hosts supporting the MHEG application domain.



Eurofins CI Plus Certification Services

As the official LLP Approved CI Plus Test Centre, Eurofins Digital Testing provides full CI Plus certification testing for product licensees and pre-testing for semiconductor and DVB software suppliers who have a CI Plus component license. We provide certification test services for manufacturers with CI Plus enabled products, and can assist operators in building CI Plus conformance regimes.

We can test and certify a range of CI Plus enabled devices, including:

- Integrated Digital TVs Set-
- Top Boxes
- CA modules (CAMs)
- Development Boards



About Eurofins Digital Testing

Eurofins Digital Testing is a leader in end-to-end Quality Assurance (QA), providing test tools, test services, training, and cyber security to validate and secure digital systems for service providers and manufacturers worldwide. Eurofins Digital Testing operates globally with test lab facilities in Belgium, Sweden, the Netherlands, UK, US, Poland, and Hong Kong, and serves companies including Com Hem, Conax, Freesat, Freeview, Hisense, Kabel Deutschland, KPN, LG, Liberty Global, Panasonic, Sky Deutschland, tivù, Vestel, Vodafone Group, Zenterio, and many others. For more information, visit: <http://www.eurofins-digitaltesting.com/>. The company is part of the larger Eurofins Group, a leading provider of multi-industry analytical services, with an international network of more than 800 laboratories in 47 countries, 45,000 staff members.



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