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.
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

**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.

**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.

**About Eurofins Digital Testing**

Eurofins Digital Testing is the world’s leading end-to-end Quality Assurance (QA) service provider for Digital TV Operators and device testing specialists, operating globally with test lab facilities in the UK, Belgium, Poland, Sweden and Hong Kong. We provide specialised on-site test resources, testing tools and services to validate digital media delivery systems and device conformance for multiple standards and operators across the world. Eurofins Digital Testing was formed from the merger of Digital TV Labs and Testronic Labs Belgium and is part of the Eurofins Group. Eurofins has a network of more than 225 laboratories in 39 countries and has over 23,000 employees worldwide. Eurofins Digital Testing delivers complete testing solutions to manufacturers, broadcasters, operators and related media and device supply chains, covering terrestrial, satellite, cable, OTT and IPTV delivery.

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