

# [CI Plus] Production Kit

## • Description



The [CI Plus] Production Kit aims at providing to TV set and STB makers a Plug & Play solution to quickly check the [CI Plus] features of their products at end of production cycle.

## • Composition

The composition of the production kit is including:



## • Environment

A dedicated stream is provided with the [CI Plus] Production Kit. It contains a scrambled service which is descrambled once all tests are successfully passed. No smartcard is required. The Kit is composed of 10 CAM solutions loaded with [CI Plus] Production certificates.

## • Tested items

Below is the list of the tested items:

- ▶ Checking Certificates validity
  - Type (production)
  - Date
  - Keys
- ▶ Checking Mandatory host [CI Plus] resources
  - Resource Manager V1 || V2
  - Appli Info V3 Resource
  - Host Control Resource
  - Date&Time Ressource
  - MMI Resource
  - AMMI Resource (MHEG-5)
  - Content Control Resource
  - Host Langage & Country Resource
  - CAM software upgrade Resource
  - CAPMT Resource

## • Result

- ▶ The result on screen is the following:
  - Display "OK" or "KO" (Failed) message depending on test's result
  - Scrambled channel is descrambled
  - AES/DES support
  - Current Date
  - Current Langage & country
  - Appli Info version (v2 or v3)
  - MHEG5 engine availability
  - Display a NEOTION logo on screen if MHEG-5 is available



## • Duration of the test

- ▶ Starting once the production CAM has been inserted. Popup result appears few seconds later (15-30s).