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TESTING



ATP Run Guidelines

--- Project Reference ---

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1 Introduction

The EuroDOCSIS and EuroPacketCable certification processes have been developed to provide a cable operator (or a retail distributor) with confidence that the certified/qualified equipment interoperates with other products made by other vendors.

Vendors are also given the opportunity to participate in an ATP run. Excentis then executes ATP tests the same way as they're done during official certification testing. This allows vendors to gain confidence in their products towards succeeding certification testing.

This Guidelines document describes all details about this type of testing service. Note that Excentis reserves the right to change these guidelines at any time.

2 Goal of ATP Run

The purpose of an ATP Run is to ensure that vendors have the opportunity to have a selection of acceptance tests executed by Excentis in the exact same way as those are getting executed during product certification.

Vendors or MSOs may be interested in this for product development, preparation for a certification wave, debugging an issue, verifying a fix for an issue, etc.

3 Products

ATP Runs are open for all EuroDOCSIS 1.0/1.1/2.0/3.0/3.1, EuroPacketCable 1.0/1.5/2.0 or EuroPacketCable Multimedia based products (CM, STB/CM, E-MTA, STB/E-MTA, E-DVA, STB/E-DVA, CG, CMTS, CMS, IPAT, Media Gateway, Policy Server).

The amount of requested samples will depend on the selected tests (see next section).

Hardware and/or software substitutions may be made during the course of the testing.

Participation in an ATP Run prior to a certification wave submission is not a requirement. Neither is it required to submit your product for certification after you participated in an ATP Run.

A vendor that is participating with headend equipment must contact Excentis (testing@excentis.com) well in advance so that all equipment can get properly installed and configured in time.

4 Tests, Fee, Timing and Test Duration

On the Excentis website an excel file has been made available that shows an overview of tests that can be requested. Each test has an associated number of test points (some kind of weight).

The total fee to be paid to Excentis, the test duration and the amount of requested samples will depend on the total amount of test points corresponding with the selected tests.

The timing for the tests is to be mutually agreed upon. There are four fixed weeks per year scheduled for ATP Run events, however ATP Run services are also being offered at any other time.

Please contact testing@excentis.com with the list of tests that you're interested in and the expected timeframe, and we will get back with quotation, expected timing/test duration and amount of samples required.

The excel file can be found here (on the right hand side in the Resources pane):

<https://www.excentis.com/testing/pre-certification-testing>

5 Re-Testing

A limited number of re-tests can always be offered free of additional charge (assuming this can be done in the same timeframe as the original testing). If there are few issues, and vendors want to update the SW of the samples to verify a fix, then there will be no additional charge for a re-test of the fix. If the amount of requested



re-tests gets significant, then an additional fee will need to be paid. In the majority of ATP runs this is not needed though.

6 Supporting Engineers

For an ATP Run the vendor can have an engineer present at Excentis for example for debugging purposes (in case of any issues), but this is not a requirement: it's up to the vendor to decide whether this is expected to be useful or not. Please let us know well in advance if an engineer will come over.

If a participating engineer needs an invitation letter (e.g., to obtain a visa), please contact An Janssens (secretariat@excentis.com).

Vendor engineers visiting Excentis are welcome 9AM-5PM. During the weekends Excentis is closed.

7 Shipping and Product Arrival

All products must be shipped free-of-charge to Excentis (the vendor is responsible for all customs, tax and handling charges). Products can also be hand-carried to Excentis offices. Please note that it might take a couple of days to get products through customs, please make sure the products are accompanied by correctly filled in paperwork.

Products that are hand-carried to Excentis without the correctly filled in papers from the custom office cannot be shipped back. Shipping back products from Excentis is at the cost of the vendor. The vendor is responsible for providing the correctly filled in paperwork. Additional shipping information (details, liability) can be found in Appendix.

8 Equipment provided by Excentis

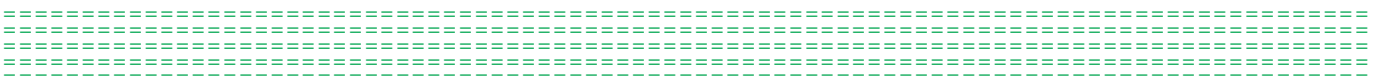
Excentis provides the following equipment:

- x Racks for mounting equipment;
- x Tabletop workspace for CPE products and laptop;
- x Ethernet connectivity;
- x 230 VAC power with standard Belgian connectors;
- x Internet access for PC communication (free-of-charge);
- x RF distribution of CMTS signals;
- x RF and Ethernet cables for system connection;
- x Utility server (DHCP, ToD, TFTP).

Vendors must provide their own means of communication (e.g. mobile phone) between visiting engineers and the home office. Excentis cannot support free international telephone access (a GSM phone is recommended).

9 Contact at Excentis

For all related enquiries, please contact Kristof Sercu at email testing@excentis.com.





A Shipping

Shipment of all products and documentation must be arranged and paid by the vendor, using the following shipping address:

Excentis, attn Kristof Sercu
 Gildestraat 8
 B-9000 Gent
 Belgium

A.1 How to fill in an Air Waybill

To send a product with a shipping company, you will need to prepare an Air Waybill (See **Error! Reference source not found.**). The Air Waybill is your shipment’s ticket and passport. To be sure your package reaches its destination without any hassles, it is important to fill in the Air Waybill accurately.

- x It tells the shipping company where to bring the package, what service you require and how you are intending to pay.
- x It gives you the terms and conditions of the service of the shipping company, and proof of consignment, with a number you can use on the website of the shipping agency to track your shipment’s progress.
- x It tells what you are shipping, so that it can get cleared through customs without any difficulties.

Please pay attention to fill in the payment method correctly.

8a Payment Bill transportation charges to:
 Enter FedEx Acct. No. or Credit Card No. below.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash Check/ Cheque
 FedEx Use Only

FedEx Acct. No. _____
 Credit Card No. _____
 Credit Card Exp. Date _____

8b Payment Bill duties and taxes to: *FedEx cannot estimate Customs charges.
 Enter FedEx Acct. No. below.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party

FedEx Acct. No. _____

A.2 General Remarks

If products are sent for certification / qualification to Excentis, it is preferable to import the goods on **permanent** base; it makes the administrative procedures afterwards easier.

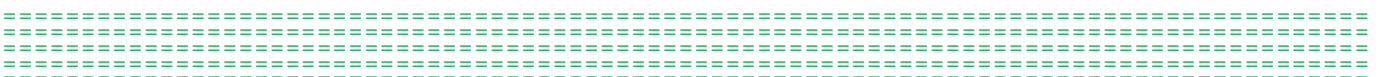
Excentis **MUST** receive a **copy of the import clearance papers** of the products that were sent to Excentis

It is requested to mention on the Admission Application forms, for participation in a certification wave, the name of the shipping company as well as the account number of the vendors company.

The vendor is responsible for all payments related to shipping, including payment of all taxes and handling charges.

A.3 Waiver of Liability

In the event that a vendor company imports products, whether or not for own name and account, in and/or exports outside the European Union and in the event that Excentis is considered as an addressee of the aforementioned products in one of these transactions, the vendor company is obliged, for own name and account, to appoint a professional custom agent (list of agents available at first request) to fulfill all necessary,



national and international, legal and regulatory formalities in this respect. The vendor company shall provide him with all relevant information and documentation in due time.

Excentis is entitled, at any time, to request the vendor company to provide it within a reasonable period of time with a copy of all documents, which accompany or should accompany the import and/or export of the products.

If the vendor company fails or neglects to appoint such agent, Excentis is entitled, without prejudice to the above, to appoint an agent at the expenses of the vendor company, with whom the vendor company shall be obliged to cooperate for purpose of the import in the European union and/or the export of products outside the European Union.

The vendor company is always and solely liable for the payment of all taxes, rights, contributions, levies, regardless their name or description, which become legally due as a result of the import in the European union and/or the export of products outside the European Union and for the payment of any late payment interests, tax increase, penalty or fine related hereto. The vendor company is obliged to pay these amounts directly or indirectly (through his agent) to the competent tax authorities within the delay foreseen by law.

Excentis is entitled, at any time, to request the vendor company to demonstrate within a reasonable period of time that aforementioned amounts have been paid in due time.

In the event that the vendor company fails, neglects or refuses to pay the aforementioned amounts and that Excentis in its capacity of addressee of the products should subsequently be held liable by the competent tax authorities for the payment of any of the amounts mentioned above, the vendor company will always safeguard and indemnify Excentis, at its first request, for any damage suffered and reimburse all amounts paid by Excentis, including all fees of external tax consultants or lawyers appointed to represent Excentis in this matter.

In the event of failure, negligence or refusal to comply with customs, tax or legal formalities, Excentis is entitled at any time to refuse any order of instruction from the vendor company and to retain any products of the vendor company until such time that the vendor company complies with these formalities.

A.4 More Information

For more information about the import of products, please contact:

Mrs. An Janssens | Tel: +32 9 269 22 91 | Fax: +32 9 329 31 74 | secretariat@excentis.com

