

Purpose

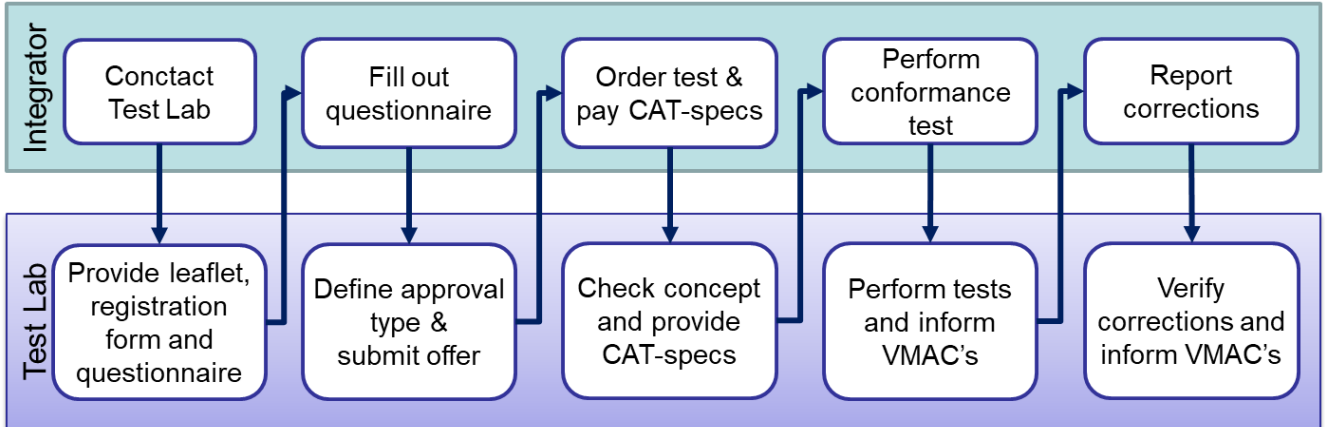
Ensuring the correct and stable integration of ep2 terminals into vending machines as well as uniform user guidance and reduction of support and chargeback cases during operation.

When is an approval necessary?

A **conformity test** is required if the vending machine manufacturer / integrator:

1. integrates an ep2 terminal for the first time in a new type of vending machine
2. integrates another ep2 terminal model into an existing machine type (replacement or product extension).
3. Exceptions – in this case only an integration test has to be done by the terminal supplier:
 - a. **Low-Price Contact-Switched Vending Machines:** max amount CHF 25, only transaction type purchase allowed, single commit solution and receipt printing is optional (e.g. vending machines for coffee, snacks, self service car wash systems, etc.).
 - b. **Vending Machines using MDB as integration protocol.** In this this case the terminal supplier has successfully completed the MDB Reference Conformity Test for the used terminal. Only transaction type purchase allowed and receipt printing is optional.

Approval Process



The tests are based on the ep2 vending machine specification and the test script.

Simplification:

In case of different types of vending machines belonging to one integrator, the VMAC and/or conformity testing authority decides on the number of conformity tests. In case of the same integration interface and the same terminal model (product line) the approval can be combined.

Fees:

1. TeCo ep2 registration/licence fee: one-time CHF 200 (ep2 Vending Machine Specification)
2. Conformance Testing fee at eftpos Engineering: CHF 3'600

Self Declaration Process

A **self-declaration** shall be completed by the vending machine manufacturer / integrator and e-mailed to the conformity testing authority after:

1. an **upgrade certification** of the integrated terminal (major ep2 version change, e.g. from V.7.2.0 to V.8.0.0)
2. a **terminal exchange** (provided that the terminal is ep2 certified, there is no change to the middleware and the vending machine functionality is unchanged)



Please request the self-declaration form at the conformity testing authority and send it back completed.

Contact Points:

| Role | Company | Contact Person | Mail | Phone |
|----------|--------------------|----------------|--|------------------|
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Please Note:

- Indoor installations that are permanently monitored by merchant personnel (e.g. self-check stations in supermarkets) do not have to undergo vending machine approval and "attended" terminals of classes AT-PED-ALL, AT-PED-CTLS, AT-MPOC-ALL, AT-MPOC-CTLS and AT-CPOC-CTLS may also be used.
- Only ep2 certified terminals may be integrated. If a not yet certified ep2 terminal is integrated, the approval takes much longer and is coordinated by the ep2 Certification Authority (ep2 CA). Please contact the ep2 CA in advance!